



# *Telecom & IT*

## Market Report Catalog December 2018

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## ■ Telecom ■

# Table of Contents

<i>Commercial Connected Vehicles</i> .....	1
<i>Global Video Surveillance As A Service (VSaaS) Market Forecast 2019-2027</i> .....	1
<i>IDC MeasureScope: KPIs for Infrastructure Modernization</i> .....	2
<i>IDC PeerScope: Practices for Achieving Excellence in Digital Innovation</i> .....	2
<i>Global Public Safety LTE Device Industry Research Report, Growth Trends and Competitive Analysis 2018-2025</i> .....	3
<i>China Ecommerce Market Forecast, 2018-2022</i> .....	3
<i>IDC PlanScope: Digital Transformation for Value-Based Care Management</i> .....	4
<i>IDC's Worldwide Semiannual Digital Transformation Spending Guide Taxonomy, 2018: Release Version 2H17</i> .....	4
<i>South America BYOD &amp; Enterprise Mobility Market By Component (Software, Security Solution &amp; Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI &amp; Others), By Country, Competition Forecast &amp; Opportunities, 2013-2023</i> .....	5
<i>North America BYOD &amp; Enterprise Mobility Market By Component (Software, Security Solution &amp; Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI &amp; Others), By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	5
<i>Middle East &amp; Africa BYOD &amp; Enterprise Mobility Market By Component (Software, Security Solution &amp; Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI &amp; Others), By Country, Competition Forecast &amp; Opportunities, 2023</i> .....	6
<i>APAC Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	6
<i>Europe BYOD &amp; Enterprise Mobility Market By Component (Software, Security Solution &amp; Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI, Manufacturing, etc.), By Country, Competition Forecast &amp; Opportunities, 2013-2023</i> .....	7
<i>South America Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	7
<i>United States State Level Small Wireless Facilities Legislative Analysis 2018, 1st Edition</i> .....	8
<i>Asia-Pacific BYOD &amp; Enterprise Mobility Market By Component (Software, Security Solution &amp; Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI &amp; Others), By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	8
<i>North America Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	9
<i>Europe Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	9
<i>Middle East &amp; Africa Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service</i>	

<i>Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast &amp; Opportunities, 2013 - 2023</i> .....	10
<i>PropTech: Technology Assessment, Vendor Analysis &amp; Market Forecasts 2018-2023</i> .....	10
<i>TV Services: Disruption by Virtual MVPDs</i> .....	11
<i>RFID Forecasts, Players and Opportunities 2018-2028</i> .....	11
<i>Automated Assurance Systems: Worldwide Forecast 2018-2022</i> .....	12
<i>Sustainable and Renewable Power Generation for Global Data Centers - Generation Technologies and Business Models for Green Data Centers: Global Market Analysis and Forecasts</i> .....	12
<i>Digital Banking Platforms Market by Banking Type (Retail Banking and Corporate Banking), Banking Mode (Online Banking and Mobile Banking), Deployment Type (On-Premises and Cloud), and Region - Global Forecast to 2023</i> . 13	13
<i>Worldwide Enterprise Videoconferencing Equipment Forecast, 2018-2022</i> .....	13
<i>VCSEL Patent Landscape</i> .....	14
<i>Worldwide and U.S. HR Management Services Forecast, 2018-2022</i> .....	14
<i>Global Music on Demand Market 2018-2022</i> .....	15
<i>Composable Infrastructure Market by Type (Software and Hardware), Vertical (BFSI, Healthcare, IT and Telecom, Government, Manufacturing), and Region (North America, Europe, Asia Pacific, and RoW) - Global Forecast to 2023</i> .....	16
<i>Cognitive Computing and Artificial Intelligence Systems Market in Healthcare</i> .....	17
<i>Technology Verticalization Maturity Framework: From Horizontal to Industry Cloud</i> .....	17
<i>IDC's Worldwide Cybersecurity Products Taxonomy, 2019</i> .....	18
<i>Consumer Autonomous Vehicles - Autonomous Driving Systems for Small, Medium and Large Vehicles: Global Market Analysis and Forecasts</i> .....	18
<i>Crypto Asset Management Market by Platform, Deployment Type (On-premises and Cloud), End-user (Institutions (BFSI, Hedge Funds, Brokerage Firms), and Retail and eCommerce), and Region (North America, Europe, APAC, and RoW) - Global Forecast to 2023</i> .....	19
<i>Western Europe Digital Transformation Forecast, 2017-2022</i> .....	19
<i>Latin America B2C E-Commerce Market 2018</i> .....	20
<i>Global Augmented and Virtual Reality in Healthcare Market 2019-2023</i> .....	20
<i>Customer Information System Market by Component (Solutions and Services), Application (Water and Wastewater Management, Electricity and Power Management, and Utility Gas Management), Deployment Type, and Region - Global Forecast to 2023</i> .....	21
<i>Worldwide Customer Service Applications Software Forecast, 2018-2022: Market Will Near 80% Cloud by 2022</i> ....	21
<i>Satellite-based Earth Observation Market in Europe 2019-2023</i> .....	22
<i>5G IoT: Market Opportunities in the Vertical Industries</i> .....	22
<i>Worldwide Cloud Server Forecast, 2018-2022</i> .....	23
<i>EMEA Video Communications Platform-as-a-Service Forecast, 2018-2022</i> .....	23
<i>Worldwide Storage Software and Public Cloud Market Shares, 2Q18: Overall Market Growth Slows</i> .....	24

<i>Worldwide Datacenter System and Application Control Software Market Shares, 2017: First Look</i> .....	24
<i>Robotics and Automation Market by Cloud Robotics, UAV/Drones, Robotics Equipment, Components, Solutions, Apps and Services</i> .....	25
<i>Threat Intelligence Market by Solution (Threat Intelligence Platforms, SIEM, IAM, SVM, Risk and Compliance Management, Incident Forensics), Service (Managed, Professional), Deployment Mode, Organization Size, Vertical, Region - Global Forecast to 2023</i> .....	26
<i>IDC FutureScape: Worldwide Social and Experiential 2019 Predictions</i> .....	26
<i>IDC FutureScape: Worldwide Datacenter 2019 Predictions</i> .....	27
<i>IDC FutureScape: Worldwide Consumer DX and Home IoT 2019 Predictions</i> .....	27
<i>IDC FutureScape: Worldwide CIO Agenda 2019 Predictions</i> .....	28
<i>IDC FutureScape: Worldwide CMO 2019 Predictions</i> .....	28
<i>IDC FutureScape: Worldwide Services 2019 Predictions</i> .....	29
<i>IDC FutureScape: Worldwide SMB 2019 Predictions</i> .....	29
<i>IDC FutureScape: Worldwide Cloud 2019 Predictions</i> .....	30
<i>IDC FutureScape: Worldwide Customer Experience 2019 Predictions</i> .....	30
<i>IDC FutureScape: Worldwide Digital Transformation 2019 Predictions</i> .....	30
<i>IDC FutureScape: Worldwide Smart Cities and Communities 2019 Predictions</i> .....	31
<i>IDC FutureScape: Worldwide Developer and DevOps 2019 Predictions</i> .....	31
<i>IDC FutureScape: Worldwide Utilities 2019 Predictions</i> .....	31
<i>IDC FutureScape: Worldwide Robotics 2019 Predictions</i> .....	32
<i>IDC FutureScape: Worldwide Connected Devices 2019 Predictions</i> .....	32
<i>IDC FutureScape: Worldwide Analytics and Artificial Intelligence 2019 Predictions</i> .....	33
<i>IDC FutureScape: Worldwide Health Industry 2019 Predictions</i> .....	33
<i>Global Artificial Intelligence (AI) in Social Media Market 2019-2023</i> .....	34
<i>Global Satellite Phone Market 2019-2023</i> .....	34
<i>IDC FutureScape: Worldwide Education 2019 Top 10 Predictions</i> .....	35
<i>Vendors Stake Out Positions in Emerging Istio Service Mesh Landscape</i> .....	35
<i>Global Bluetooth Tester Industry Research Report, Growth Trends and Competitive Analysis 2018-2025</i> .....	36
<i>IDC FutureScape: Worldwide Security Products and Services 2019 Predictions</i> .....	36
<i>IDC FutureScape: Worldwide Future of Work 2019 Predictions</i> .....	37
<i>IDC FutureScape: Worldwide IoT 2019 Predictions</i> .....	37
<i>IDC FutureScape: Worldwide Corporate Banking 2019 Predictions</i> .....	38
<i>IDC FutureScape: Worldwide Connected Vehicle 2019 Predictions</i> .....	38
<i>TV Analytics Market by TV Transmission Type (Cable TV, Satellite TV/ DTH, IPTV, and Over the Top (OTT)), Application (Customer Lifetime Management, Content Development, Competitive Intelligence, and Campaign Management) - Global Forecast to 2023</i> .....	39
<i>IDC FutureScape: Worldwide Smart Manufacturing 2019 Predictions</i> .....	39

<i>IDC FutureScape: Worldwide Hospitality and Travel 2019 Predictions</i> .....	40
<i>IDC FutureScape: Worldwide Payments 2019 Predictions</i> .....	40
<i>IDC FutureScape: Worldwide National Governments 2019 Predictions</i> .....	40
<i>Learning Management Systems: Global Markets</i> .....	41
<i>IDC FutureScape: Worldwide Financial Services 2019 Predictions</i> .....	41
<i>IDC FutureScape: Worldwide Imaging, Printing, and Document Solutions 2019 Predictions</i> .....	42
<i>IDC FutureScape: Worldwide Telecommunications 2019 Predictions</i> .....	42
<i>United States Federal Communications Commission Small Wireless Facilities Legislative Analysis 2018, 1st Edition</i> .....	42
<i>IDC FutureScape: Worldwide Mining 2019 Predictions</i> .....	43
<i>IDC FutureScape: Worldwide Intelligent ERP 2019 Predictions</i> .....	43
<i>Global Blockchain in Agriculture and Food Market: Focus on Stakeholders, Regulations, Application (Supply Chain Tracking, Finance Management, Data Management, and Land and Property Ownership) and Regional Adoption - Analysis &amp; Forecast 2018-2028</i> .....	44
<i>IDC FutureScape: Worldwide 3D Printing 2019 Predictions</i> .....	44
<i>Self-Powering Smart Cities 2018-2028</i> .....	45
<i>Multi-Terabit Switch Chips &amp; Software</i> .....	45
<i>Managed Services Market by Service Type (Managed Security Services, Managed Network Services, Managed IT Infrastructure and Data Center Services), Vertical, Organization Size, Deployment Type, and Region - Global Forecast to 2023</i> .....	46
<i>Best Practice Strategies to Minimise Losses to Digital Competitors</i> .....	46
<i>Global Swarm Intelligence Market: Focus on Platform and Algorithm Model - Analysis and Forecast, 2018-2028</i> ..	47
<i>IDC FutureScape: Worldwide Enterprise Infrastructure 2019 Predictions</i> .....	47
<i>Global NRF24L01 Industry Research Report, Growth Trends and Competitive Analysis 2018-2025</i> .....	48
<i>IDC FutureScape: Worldwide Manufacturing Product and Service Innovation 2019 Predictions</i> .....	48
<i>IDC FutureScape: Worldwide Manufacturing 2019 Predictions</i> .....	49
<i>IDC FutureScape: Worldwide Supply Chain 2019 Predictions</i> .....	49
<i>IDC FutureScape: Worldwide Retail 2019 Predictions</i> .....	49
<i>IDC FutureScape: Worldwide Mobility 2019 Predictions</i> .....	50
<i>WorldWide Retail IT Hardware Market</i> .....	50
<i>Central and Eastern Europe Telecoms Market: Trends and Forecasts 2018-2023</i> .....	51
<i>Global Digital Educational Publishing Market 2019-2023</i> .....	51
<i>Growth Opportunities in the Global Medical Imaging Artificial Intelligence Market, Forecast to 2022</i> .....	52
<i>Worldwide Developer Forecast, 2018-2022: Asia/Pacific and Americas Lead Strong Growth of Worldwide Developer Population</i> .....	52
<i>TV &amp; OTT: Consumer Demand for Original Content</i> .....	53
<i>Blockchain for Connected Home and Entertainment</i> .....	53

<i>AI, Machine Learning, and Data Analytics in the Smart Home</i> .....	54
<i>Government &amp; Military Satellite Communications, 15th Edition</i> .....	54
<i>The Digitally Determined Utility</i> .....	55
<i>Global Communications Test and Measurement Market, Forecast to 2022</i> .....	55
<i>Global Blockchain Technology in Energy Market 2019-2023</i> .....	56
<i>Global Smart Electric Meter Market Forecast 2019-2027</i> .....	57
<i>Developments and Opportunities for Facial Recognition Technology in the Smart Retail, Transport, Financial Services, and Automotive Applications Industry</i> .....	57
<i>Video and Identity Platforms: Worldwide Market Shares 2017</i> .....	58
<i>Network Automation and Orchestration: Worldwide Market Shares 2017</i> .....	58
<i>Asia/Pacific (Excluding Japan) Manufacturing IT Applications Forecast, 2017-2022</i> .....	59
<i>Western Europe Telecoms Market: Trends and Forecasts 2018-2023</i> .....	59
<i>Artificial Intelligence: Applications and Global Markets</i> .....	60
<i>Telepresence Robot Market by Component (Head (Camera, Display, Speaker, and Microphone) and Body (Power Source and Sensor &amp; Control system)), Type, Application (Education, Healthcare, Enterprise, and Homecare), and Geography - Global Forecast to 2023</i> .....	60
<i>Global Smart Speakers Market Forecast 2019-2027</i> .....	61
<i>Global Satellite M2M and IoT Network Market: Focus on End User &amp; Frequency Band - Analysis and Forecast, 2018-2023</i> .....	61
<i>Global Digital Twin Technology Market Size, Status and Forecast 2018-2025</i> .....	62
<i>Global Market for Li-Fi Technology: Focus on Components, Applications, Patents, and Country- Analysis and Forecast (2018-2028)</i> .....	62
<i>Global NPM and APM Solutions Market, Forecast to 2022</i> .....	63
<i>The Global Network Firewall Market, Forecast to 2022</i> .....	63
<i>Education and Learning Analytics Market by Application (Performance Management, Curriculum Development and Intervention Management, People Acquisition and Retention), Component, Analytics Type, Deployment, End-User, and Region - Global Forecast to 2023</i> .....	64
<i>Perception of vMVPDs/Online Pay-TV Services</i> .....	64
<i>Artificial Intelligence Market Ecosystem: 200 Key Players and Industry Participants</i> .....	65
<i>Regulatory Guidelines for Open Banking: Asia/Pacific Markets and their Varying Paths to Open Banking</i> .....	65
<i>DX Platform: A Framework for Infrastructure Services - Key Enabler of IT Transformation</i> .....	66
<i>Western Europe HCM and Payroll Applications Market Shares, 2017: HR Emerges as a Strategic Pillar of Digital Transformation</i> .....	66
<i>Artificial Intelligence in Asia Pacific: China, Japan, South Korea, India, and Rest of Asia Pacific Market Activity, Top Industry Sectors, Vendor Ecosystem, and Regional Market Forecasts for AI Software, Hardware and Services</i> .....	67
<i>RFID: Technologies, Applications and North American Markets</i> .....	68
<i>Service Design and Orchestration Systems: Worldwide Market Shares 2017</i> .....	68

<i>Connected Manufacturing Technology Convergence: Cloud Robotics, IIoT, 3D Printing, and Virtual Twinning 2018 - 2023</i> .....	69
<i>Industrial Internet of Things Market in Asia-Pacific, Forecast to 2022</i> .....	69
<i>Global Recruitment Process Outsourcing Market 2018-2022</i> .....	70
<i>Global Mobile Map Market 2019-2023</i> .....	71
<i>China Manufacturing IT Applications Forecast, 2018-2022</i> .....	71
<i>Production Monitoring Market by Component (Solutions and Services), Solution, Service (Professional and Managed), Organization Size, Industry (Process Manufacturing and Discrete Manufacturing), and Region - Global Forecast to 2023</i> .....	72
<i>The 350 Largest Cellular IoT Projects Worldwide - 2nd Edition</i> .....	72
<i>Global Online Language Learning Market 2019-2023</i> .....	73
<i>IoT in Retail</i> .....	74
<i>Progress in Optical Wireless Communications - Technologies, Applications and Markets</i> .....	75
<i>Satellite-Based Earth Observation (EO), 10th Edition</i> .....	75
<i>Asia/Pacific (Excluding Japan) DevOps Software Forecast, 2017-2022</i> .....	76
<i>The Role of African Start-ups in Driving Smart Agriculture in the Continent, 2018</i> .....	76

## **Commercial Connected Vehicles**

Published by Juniper Research  
Price

Pub. Date 2018/11/13

USD 2606.90 Web Access - Executive Summary & Core Findings (Enterprise Wide License) ~

USD 5357.90 Web Access - Full Research Suite: Fleet Telematics, Connected Car Commerce & V2V 2018-2023 (Enterprise Wide License)

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Juniper's benchmark research into the Commercial Connected Vehicles market covers OEM (Original Equipment Manufacturer) and after-market Connected Vehicles within the commercial sector. It provides an extensive analysis of the connected vehicle ecosystem for fleet telematics alongside an in-depth examination of stakeholder opportunities and regional analysis.

For the first time, Juniper presents an analysis of the emerging V2V (vehicle-to-vehicle) technology landscape, with V2V expected to play a key role on the road to autonomous vehicles.

This research suite comprises:

- Market Trends & Competitive Landscape (PDF)
- 5 Year Market Sizing & Forecasts (PDF & Excel)
- Executive Summary & Core Findings (PDF)

## **Global Video Surveillance As A Service (VSaaS) Market Forecast 2019-2027**

Published by Inkwood Research  
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Pub. Date 2018/11/12

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The global video surveillance as a service market is estimated to be worth \$ xx million in 2018. It is anticipated to grow at a CAGR of 20.77% between 2019 and 2027 and generate a revenue of \$ xx million by 2027. The market is supported by the worldwide investments made by the various governments in surveillance equipment and technologies against any risk of terrorism.

### **MARKET INSIGHTS**

The factors like declining prices of cameras, rise in the adoption of security solutions by the commercial sector and a shift from analog to IP cameras are majorly driving the global video surveillance as a service market. The market can be segmented on the basis of type, service, and application. On the basis of type, the IP-Based video surveillance market is anticipated to show an increase during the forecast period and generate \$ xx million by 2027. By service, the hosted service market held the largest market share as this service is especially in demand for a number of smaller businesses. In terms of application, the residential application is showing promise as it is expected to grow during the forecast period. However, it is the commercial application that is expected to dominate the global VSAAS market in coming years



## **IDC MeasureScope: KPIs for Infrastructure Modernization**

Published by IDC

Pub. Date 2018/11/09

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[www.giiresearch.com/ce/743365](http://www.giiresearch.com/ce/743365)

*This IDC MeasureScope helps IT executives design a new set of KPIs that can evaluate the effectiveness of infrastructure modernization within today's DX-centric enterprise. Digital transformation is driving tremendous changes to the rules for IT measurement, as many IT organizations still lack the ability to promote the business value of their contribution to enterprise imperatives. IT organizations are now compelled to step up to new ways to measure the effectiveness of infrastructure modernization. "Digital transformation has given rise to new IT imperatives, which span modernizing enterprise infrastructure, developing data-centric strategies and organizations, and providing the most agile, IT services in response to real-time business demands. KPIs will be critical in achieving all of these IT imperatives," says Ritu Jyoti, program vice president, Systems Infrastructure research portfolio.*

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## **IDC PeerScope: Practices for Achieving Excellence in Digital Innovation**

Published by IDC

Pub. Date 2018/11/09

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*This IDC PeerScope describes how chief information officers (CIOs) in four enterprises - Procter & Gamble Co., Beachbody LLC, State Auto Insurance Companies, and Cushman & Wakefield Inc. - are fostering an innovation culture, feeding the pipeline of innovative ideas, and selecting which innovation ideas to pursue. Senior leaders at these firms advise IT leaders to build an innovation culture throughout their organization, starting with hiring, prioritize ideas based on strategic goals defined by business leaders, reject superficial and wasteful techniques like "tech tourism," and know when to pull the plug on an innovation project. Readers will learn how to win C-suite support and funding for innovation, as well as how to spot the "red flags" suggesting a pilot project should be halted. "The CIOs featured in this document are providing pragmatic advice about handling the politics of innovation, not the glittering generalities in many articles about innovation," says Mitch Betts, an adjunct analyst with IDC's IT Executive Programs.*

## **Global Public Safety LTE Device Industry Research Report, Growth Trends and Competitive Analysis 2018-2025**

Published by QYResearch

Pub. Date 2018/11/09

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USD 11200 PDF by E-mail (Enterprise Wide License)

[www.giiresearch.com/ce/743983](http://www.giiresearch.com/ce/743983)

The Public Safety LTE Device market was valued at Million US\$ in 2017 and is projected to reach Million US\$ by 2025, at a CAGR of during the forecast period. In this study, 2017 has been considered as the base year and 2018 to 2025 as the forecast period to estimate the market size for Public Safety LTE Device.

This study focuses on the production side and consumption side of Public Safety LTE Device, presents the global Public Safety LTE Device market size by manufacturers, regions, type and application, history breakdown data from 2013 to 2018, and forecast to 2025.

In terms of production side, this report researches the Public Safety LTE Device capacity, production, value, ex-factory price, growth rate, market share for major manufacturers, regions (or countries) and product type.

In terms of consumption side, this report focuses on the consumption of Public Safety LTE Device by regions and application. The key regions like North America, Europe, Asia-Pacific, Central & South America, Middle East and Africa etc.

## **China Ecommerce Market Forecast, 2018-2022**

Published by IDC

Pub. Date 2018/11/09

Price

USD 7000 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/408192](http://www.giiresearch.com/ce/408192)

This IDC study presents a five-year forecast for the China ecommerce market as of November 2017. "Entering a new stage of development, China's ecommerce market is developing fast. The adoption of new technologies and the clear change in the demand for shopping have both contributed to the leading ecommerce vendors growing their businesses toward various directions to achieve faster growth than the market average," says Yu Xue, senior market analyst, Internet Research, IDC China.

### Table of Contents

- IDC Market Forecast Figure
- Executive Summary
- Advice for Technology Suppliers
- Market Forecast
- Market Context
- Market Definition
- Methodology
- Related Research

## **IDC PlanScape: Digital Transformation for Value-Based Care Management**

Published by IDC

Pub. Date 2018/11/08

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[www.giiresearch.com/ce/743363](http://www.giiresearch.com/ce/743363)

*This IDC PlanScape highlights digital transformation for value-based care management. "Healthcare organizations should customize the road map for DX using the use cases in this document as building blocks. Factors such as current state of care management initiatives, organizational appetite for change, and internal priorities must be considered when developing the road map that will move healthcare organizations forward on the digital transformation journey," states Lynne Dunbrack, vice president, IDC Health Insights.*

### TABLE OF CONTENTS

- *IDC PlanScape Figure*
- *Executive Summary*
- *Why Is Digital Transformation for Value-Based Care Management Important?*
- *What Is Digital Transformation for Value-Based Care Management?*
- *Who Are the Key Stakeholders?*
- *How Can My Organization Take Advantage of Digital Transformation for Value-Based Care Management?*
- *Advice for Technology Buyers*
- *Learn more*
- *Related Research*

## **IDC's Worldwide Semiannual Digital Transformation Spending Guide Taxonomy, 2018: Release Version 2H17**

Published by IDC

Pub. Date 2018/11/08

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[www.giiresearch.com/ce/664781](http://www.giiresearch.com/ce/664781)

*This IDC study provides a detailed description of IDC's Worldwide Semiannual Digital Transformation Spending Guide methodology and taxonomy. It should be used as a companion piece for IDC's Worldwide Semiannual Digital Transformation Spending Guide. Technology suppliers may utilize IDC's use-case approach and structure, as presented in this document, to help them refocus their products and services and build relevant business cases. "IDC's Worldwide Semiannual Digital Transformation Spending Guide presents a comprehensive view of the digital transformation ecosystem," said Research Manager Craig Simpson, of IDC's Customer Insights and Analysis Group. "It is an invaluable resource to help vendors define and standardize their vocabulary when approaching this expanding and dynamic market."*

**South America BYOD & Enterprise Mobility Market By Component (Software, Security Solution & Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI & Others), By Country, Competition Forecast & Opportunities, 2013-2023**

Published by TechSci Research

Pub. Date 2018/11/08

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According to "South America BYOD & Enterprise Mobility Market By Component By Deployment Mode, By End User Sector, By Country, Competition Forecast & Opportunities, 2013-2023" BYOD & enterprise mobility market is projected to grow at a CAGR of more than 20% by 2023, majorly on account of growing smartphone and internet penetration across the region. Moreover, increasing adoption of cloud infrastructure across various sectors and rise in demand for workforce mobility is further boosting South America BYOD & enterprise mobility. Additionally, rising investments and expansion opportunities for various enterprise mobility vendors & service providers, and growing awareness about BYOD & enterprise mobility solutions is further expected to boost South America BYOD & enterprise mobility market in the coming years. Some of the major players are IBM Corporation, Cognizant Technology Solutions Corporation, Accenture LLP, Tata Consultancy Services, Infosys Limited, Capgemini SE, Tech Mahindra Limited, Atos SE, HCL Technologies Limited and NTT Data.

**North America BYOD & Enterprise Mobility Market By Component (Software, Security Solution & Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI & Others), By Country, Competition Forecast & Opportunities, 2013 - 2023**

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Pub. Date 2018/11/08

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According to "North America BYOD & Enterprise Mobility Market By Component, By Deployment Mode, By End User Sector, By Country, Competition Forecast & Opportunities, 2013 - 2023 " BYOD & enterprise mobility market is projected to grow at a CAGR of more than 17% by 2023, predominantly on account of growing adoption of mobile devices and smart technology across the region. Moreover, surging demand for workforce mobility coupled with rising need for data telecommuting and enterprise mobility is further driving the region's BYOD & enterprise mobility market. Additionally, increasing adoption of SMACT technologies across diverse sectors, such as retail, BFSI, manufacturing, healthcare, government, logistics, etc., is further expected to boost adoption of BYOD & enterprise mobility solutions and services across North America in the coming years. Some of the major players are IBM Corporation, Cognizant Technology Solutions Corporation, Accenture LLP, Tata Consultancy Services, Infosys Limited, Capgemini SE, Tech Mahindra Limited, Atos SE, HCL Technologies Limited and NTT Data.

**Middle East & Africa BYOD & Enterprise Mobility Market By Component (Software, Security Solution & Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI & Others), By Country, Competition Forecast & Opportunities, 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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[www.giiresearch.com/ce/742217](http://www.giiresearch.com/ce/742217)

According to "Middle East & Africa BYOD & Enterprise Mobility Market By Component, By Deployment Mode, By End User Sector, By Country, Competition Forecast & Opportunities, 2023" BYOD & enterprise mobility market is projected to grow at a CAGR of more than 19% by 2023, on account of rising smartphone and internet penetration as well as surging demand for BYOD & enterprise mobility solutions across various sectors in different countries of the region. Moreover, rising inclination towards workforce mobility across various sectors and increasing digitization in BFSI sector is further boosting Middle East & Africa BYOD & enterprise mobility market. Additionally, increasing risk mitigation coupled with rising demand for data telecommuting, is likely to positively influence Middle East & Africa BYOD & enterprise mobility in the coming years. Some of the major players are IBM Corporation, Cognizant Technology Solutions Corporation, Accenture LLP, Tata Consultancy Services, Infosys Limited, Capgemini SE, Tech Mahindra Limited, Atos SE, HCL Technologies Limited and NTT Data.

**APAC Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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According to "APAC Content Delivery Network Market By Type, By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023" content Delivery Network (CDN) market is projected to grow at a CAGR of around 33% by 2023, owing to increasing penetration of high-quality media, Application Programming Interfaces (API), JavaScript, etc., to boost user experience across the region. Moreover, rising popularity of CDN in various major developing Asian economies, increasing smart device and internet penetration, and growing digitalization of financial services are expected to aid growth in the market during the forecast period. Some of the other factors that would fuel the market include growing popularity of OTT services, efforts by various CDN service and solution providers to boost their content delivery and security capabilities coupled with increasing adoption of BYOD and connected devices. Some of the major players are Akamai Technologies, Inc., Wangsu Science & Technology Co Ltd, Amazon Web Services, Inc., CenturyLink Technology Singapore Pte. Ltd., Limelight Networks, Inc., Verizon Communication Inc., CDNetworks Co Ltd, Tata Communications Ltd., Internap Japan Co. Ltd., Cloudflare Inc., etc.

**Europe BYOD & Enterprise Mobility Market By Component (Software, Security Solution & Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI, Manufacturing, etc.), By Country, Competition Forecast & Opportunities, 2013-2023**

Published by TechSci Research

Pub. Date 2018/11/08

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According to "Europe BYOD & Enterprise Mobility Market By Component, By Deployment Mode, By End User Sector By Country, Competition Forecast & Opportunities, 2013-2023" BYOD & enterprise mobility market is projected to grow at a CAGR of more than 17% by 2023. The growth in the market is led by growing demand for mobility and technologically advanced solutions across various sectors such as transportation, logistics, healthcare, etc. Moreover, increasing e-commerce, m-transactions and m-governance activities are further pushing the adoption of BYOD & enterprise mobility solutions and services across the region. Additionally, growing number of FinTech and InsurTech start-ups along with rising inclination towards unified digital workforce across various sectors, is further anticipated to aid the growth of Europe BYOD & enterprise mobility market during the forecast period. Some of the major players are - IBM Corporation, Cognizant Technology Solutions Corporation, Accenture LLP, Tata Consultancy Services, Infosys Limited, Capgemini SE, Tech Mahindra Limited, Atos SE, HCL Technologies Limited and NTT Data.

**South America Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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According to "South America Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023" Content Delivery Network (CDN) is projected to grow at a CAGR of around 32% by 2023, owing to growth in online music & video content as well as online transaction-based services. Increasing demand for minimization of web latency and network optimization coupled with growing cloud services adoption, and rising penetration of various CDN services and solutions providing companies are some of the other factors that would fuel the market during the forecast period. Growing adoption of CDN services and solutions by e-commerce websites to offer enhanced website performance to the users would also positively influence the content delivery network market in South America in the coming years. Some of the major players are Akamai Technologies Limited, Wangsu Science & Technology Co Ltd, Amazon Web Services, Inc., CenturyLink, Inc., Limelight Networks, Inc., Verizon Digital Media Services, Inc., CDNetworks Co Ltd, Tata Communications Ltd., Internap Corporation, Cloudflare Inc., etc.

## **United States State Level Small Wireless Facilities Legislative Analysis 2018, 1st Edition**

Published by EJL Wireless Research

Pub. Date 2018/11/08

Price

USD 3750 Single user license, PDF file

[www.giiresearch.com/ce/743956](http://www.giiresearch.com/ce/743956)

*This report provides a comprehensive analysis of the individual state level legislation regarding small wireless facilities (SWF) and micro wireless facilities (MWF). This report analyzes 26 states that have already passed or are in the process of passing small wireless facilities legislation.*

Features

*Individual State Level Small Wireless Facilities Legislative Analysis*

*Comparison of States by:*

- *SWF Antenna Volume*
- *SWF Other Equipment Volume*
- *SWF Collocation Application Permit Fees*
- *SWF Collocation Rates*
- *SWF Right-of-Way (ROW) Rates*
- *MWF Equipment and Antenna Size*

## **Asia-Pacific BYOD & Enterprise Mobility Market By Component (Software, Security Solution & Service), By Deployment Mode (Cloud Vs On-Premise), By End User Sector (Retail, BFSI & Others), By Country, Competition Forecast & Opportunities, 2013 - 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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*According to "Asia-Pacific BYOD & Enterprise Mobility Market By Component, By Deployment Mode, By End User Sector, By Country, Competition Forecast & Opportunities, 2013 - 2023" BYOD & enterprise mobility market is projected to grow at a CAGR of more than 21% by 2023, predominantly on account of increasing smartphone and internet penetration across the region. Moreover, rising adoption of technologically advanced solutions such as artificial intelligence, big data, etc., coupled with adoption of cloud infrastructure across various countries of Asia-Pacific is further boosting the demand for BYOD & enterprise mobility solutions and services across the region. Additionally, rising IT spending across diverse sectors coupled with various government initiatives such as smart city, smart nation, digitization, etc., are anticipated to fuel growth in Asia-Pacific BYOD & enterprise mobility market in the coming years. Some of the major players are IBM Corporation, Cognizant Technology Solutions Corporation, Accenture LLP, Tata Consultancy Services, Infosys Limited, Capgemini SE, Tech Mahindra Limited, Atos SE, HCL Technologies Limited and NTT Data.*

**North America Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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According to "North America Content Delivery Network Market By Type, By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023" Content Delivery Network (CDN) market is projected to grow at a CAGR of around 28% by 2023, owing to increasing smartphone and internet user base, growing acceptance of Over the Top (OTT) media services and surging popularity of 4K video content. Moreover, increasing focus towards improving performance of websites, reducing latency and mitigating cyber threats is further boosting demand for CDN across the region. Growing digitalization in BFSI sector, increasing complexity of websites, and surging number of traditional media and retail companies adopting digital platform are among the key factors anticipated to fuel North America CDN market during forecast period. Some of the major players are Akamai Technologies, Inc., Wangsu Science & Technology Co Ltd, Amazon Web Services, Inc., CenturyLink, Inc., Limelight Networks, Inc., Verizon Communication Inc., CDN Networks Co Ltd, Tata Communications Ltd., Internap Corporation, Cloudflare Inc., etc.

**Europe Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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According to "Europe Content Delivery Network Market By Type, By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023" Content Delivery Network (CDN) market is projected to grow at a CAGR of over 28% by 2023, owing to increasing number of smart devices, growing internet penetration, rising adoption of CDN by various enterprises and SMEs, and increasing demand for SMAC technologies are some of the other key factors expected to aid the market growth. Moreover, growing traction of AR and VR applications across gaming, media & entertainment and other sectors would have a positive impact on the region's CDN market during the forecast period. Some of the major players are Akamai Technologies, Inc., Wangsu Science & Technology Co Ltd, Amazon Web Services, Inc., CenturyLink, Ltd., Limelight Networks, Inc., Verizon Communication Inc., CDN Networks Co Ltd, Tata Communications Ltd., Internap Corporation, and Cloudflare Inc., among others.



**Middle East & Africa Content Delivery Network Market By Type (Video CDN Vs. Non-Video CDN), By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023**

Published by TechSci Research

Pub. Date 2018/11/08

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[www.giiresearch.com/ce/742218](http://www.giiresearch.com/ce/742218)

According to "Middle East & Africa Content Delivery Network Market By Type, By Service Provider, By Solution, By Adjacent Service, By End User, By Country, Competition Forecast & Opportunities, 2013 - 2023" Content Delivery Network (CDN) market stood is projected to grow at a CAGR of over 31% by 2023, owing to increasing penetration of video content and web-based applications in the region.

Moreover, growing demand for reduced web latency, increasing user traffic across e-commerce websites, and surging CDN adoption due to technological and infrastructural developments would drive the region's CDN market in the coming years. Few of the other factors that would push the market during the forecast period include rising demand for SMAC technologies, increasing BYOD and connected devices adoption, and growing digitalization of financial services across BFSI sector. Some of the major players are Akamai Technologies Limited, Wangsu Science & Technology Co Ltd, Amazon Web Services, Inc., CenturyLink, Inc., Limelight Networks, Inc., Verizon Digital Media Services, Inc., CDNetworks Co Ltd, Tata Communications Ltd., Internap Corporation, and Cloudflare Inc., among others.

**Proptech: Technology Assessment, Vendor Analysis & Market Forecasts 2018-2023**

Published by Juniper Research

Pub. Date 2018/11/07

Price

USD 3916.90 Web Access - Full Research Suite (Enterprise Wide License)

[www.giiresearch.com/ce/742174](http://www.giiresearch.com/ce/742174)

Our latest 'Proptech' research provides an essential analysis of how new business models surrounding the use of technology in the property market are creating dramatic change in the space. Emerging vendors are disrupting the traditional labour and cost-intensive model of property sale/rental, leading to rapidly scaling Proptech adoption.

The research provides a detailed assessment of which property market segments are being disrupted by the introduction of new technologies, as well as analysing key trends and emerging use cases in the sector. Based on these elements, the research suite identifies recommendations for key stakeholders in the industry to inform strategic planning.

The segments covered are:

- Online Property Rental
- Online Conveyancing
- Shared Space
- Corporate Space

**TV Services: Disruption by Virtual MVPDs**

Published by Parks Associates

Pub. Date 2018/11/07

Price

USD 3500 PDF by E-mail (Corporate License - One Location)

[www.giiresearch.com/ce/726392](http://www.giiresearch.com/ce/726392)

*Sling TV introduced the world to streaming pay-TV service, which has evolved into the concept of "virtual MVPDs." As the market becomes more crowded, virtual MVPDs must differentiate their offerings to compete not only with each other but also compete with traditional pay-TV operators. This report identifies virtual MVPD deployment and growth strategies, identifies market differentiators, and sizes the market for virtual MVPD subscriptions.*

*Table of Contents*

- 1.0. Report Summary
- 2.0. The State of Pay TV
- 3.0. Competition in Online Pay-TV
- 4.0. Market Sizing and Forecast
- 5.0. The of Future Pay TV
- 6.0. Global Competition in Online Pay TV
- 7.0. Recommendations
- 8.0. Appendix

**RFID Forecasts, Players and Opportunities 2018-2028**

Published by IDTechEx Ltd.

Pub. Date 2018/11/07

Price

USD 5995 PDF Download (1-5 Users) ~

USD 8995 PDF Download (6-10 Users) and 1 Hardcopy

[www.giiresearch.com/ce/243391](http://www.giiresearch.com/ce/243391)

*IDTechEx Research has analyzed the RFID market for over 19 years. This report provides detailed data and analysis of the entire RFID sector based on our extensive research including interviews with RFID adopters and technology providers in the various applicational RFID markets, giving an unprecedented level of insight into the total RFID industry and what is really happening. Predominately, our research is conducted through interviews with companies across the value chain (many of whom provide data to us under non disclosure agreements who allow us to aggregate the data into the total) in addition to site visits and conference visits followed by secondary research.*

*This comprehensive report from IDTechEx gives the complete picture covering passive RFID (for UHF, HF and LF frequencies), battery assisted passive, active RFID and chipless RFID. It provides detailed forecasts and depth unmatched by any other.*

*IDTechEx find that in 2018, the total RFID market will be worth \$11.0 Billion, rising to \$13.4 Billion in 2022. This includes tags, readers and software/services for RFID labels, cards, fobs and all other form factors, for both passive and active RFID.*

## **Automated Assurance Systems: Worldwide Forecast 2018-2022**

Published by Analysys Mason

Pub. Date 2018/11/07

Price

USD 7999 PPTX and PDF by E-mail (Single User License)

[www.giiresearch.com/ce/741347](http://www.giiresearch.com/ce/741347)

"Automation of assurance processes using advanced analytics such as machine learning and AI will drive CSP spending in this market during the forecast period."

The automated assurance (formerly service assurance) market will increase to USD7.1 billion by 2022, growing at a CAGR of 2.1%. Spending will be driven by communications service providers (CSPs) automating their operations in order to reduce costs and by new assurance requirements for NFV/SDN and 5G.

This forecast report provides:

- a detailed, 5-year worldwide forecast for spending in the automated assurance systems market, split into:
  - an examination of key market drivers and inhibitors, and how they will change during the forecast period
  - analysis of the business environment and regional dynamics that will influence the automated assurance systems market
- a detailed market definition
- recommendations for CSPs and vendors.

## **Sustainable and Renewable Power Generation for Global Data Centers - Generation Technologies and Business Models for Green Data Centers: Global Market Analysis and Forecasts**

Published by Navigant Research

Pub. Date 2018/11/07

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USD 5700 PDF & Excel by E-mail (Enterprise License)

[www.giiresearch.com/ce/742406](http://www.giiresearch.com/ce/742406)

Data centers are critical to a functional global digital economy and society. Investment in cloud storage, colocation, and hyperscale data centers has resulted in the construction of a large volume of new data centers globally, thus increasing energy consumption. Meanwhile, edge computing has led to a shift toward more off-grid, small-scale installations closer to the point of use. With increasing digitization across emerging markets, data centers are becoming more and more advanced. Extensive use of services such as big data, Internet of Things, cloud computing, and artificial intelligence is prompting data center operators to adopt high performance, mission-critical IT infrastructure.

Data centers are energy-intensive establishments that usually run 24/7 year round. The European Commission estimates data center power densities range from 538 W/m to 2,153 W/m and can reach up to 10 KW/m. Power distribution, cooling, lighting, and IT demand are the primary use of energy. While the industry estimates that a 1-hour outage at a data center can cost \$350,000 on average, this figure is expected to increase over the next 10 years. Increasing investments in big data, digital content, and e-commerce will continue to drive explosive growth in power demand for data center markets. Therefore, it is critical to understand the reliability and sustainability of power supplied to these facilities.

## **Digital Banking Platforms Market by Banking Type (Retail Banking and Corporate Banking), Banking Mode (Online Banking and Mobile Banking), Deployment Type (On-Premises and Cloud), and Region - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/11/07

Price

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USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/744549](http://www.giiresearch.com/ce/744549)

The digital banking platforms market is projected to grow from USD 3.3 billion in 2018 to USD 5.7 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 11.2% during the forecast period. The growing demand among banks to deliver enhanced customer experience, the increasing adoption of cloud-based platforms to obtain higher scalability, and the rising adoption of smartphones and tablets are expected to drive the growth of the digital banking platforms market. The major factor that restricts the market growth is the difficulty in integrating digital banking platforms with legacy systems.

Based on banking types, the retail banking segment is expected to account for the major market size during the forecast period

The retail banking segment is estimated to dominate the digital banking platforms market in 2018. Retail banking has emerged as an essential enabler in the digital banking platforms market to translate banking models across the globe. The digital revolution has led to a disrupted marketplace with changing customer behaviors and expectations, emerging competitors, and innovative technologies. With the increasing number of channels, financial institutions are changing their operating processes to provide customers with premium services and improve their account management.

## **Worldwide Enterprise Videoconferencing Equipment Forecast, 2018-2022**

Published by IDC

Pub. Date 2018/11/06

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/535165](http://www.giiresearch.com/ce/535165)

This IDC study discusses the worldwide enterprise videoconferencing equipment market, whose vendors have been struggling to stem the tide of declining equipment revenue over the past several years, mostly due to a worldwide videoconferencing market that's in transition. "We are continuing to see lower-cost video endpoints, software-based solutions, cloud-based offerings, and web browser usage combine to drive interest in video collaboration, as well as how these solutions are bought and deployed by organizations today," said Rich Costello, senior research analyst, Worldwide Unified Communications and Enterprise Communications Infrastructure.

### TABLE OF CONTENTS

- IDC Market Forecast Figure
- Advice for Technology Suppliers
- Market Context
- Methodology
- Executive Summary
- Market Forecast
- Market Definition
- Related Research

**VCSEL Patent Landscape***Published by Knowmade**Pub. Date 2018/11/06**Price**USD 7880 PDF and Excel file by Email (Single-user License) ~**USD 8538 PDF and Excel File by Email (Multi-user License)*[www.giiresearch.com/ce/741342](http://www.giiresearch.com/ce/741342)

*The release of the Apple iPhone X in 2017 and its range of optical sensors triggered new opportunities for VCSEL players to address a high-volume market. Apple's competitors are now developing 3D sensing functions as well. However, the consumer industry is just the starting point for this new VCSEL area. Indeed, the rise of autonomous and robotic vehicles as well as medical imaging and gas sensing offer a wide range of high-volume applications that could drive the growth and development of VCSEL technology and the related market. Propelled by these new applications, the VCSEL market will enjoy a 48% Compound Annual Growth Rate (CAGR) from 2017 to 2023 and reach more than \$3.5B, according to Yole Développement.*

*At the beginning of this new era, understanding the Intellectual Property (IP) position and strategy of historical VCSEL IP players as well as identifying the IP newcomers and the threat they represent is crucial. In this report, Knowmade has thoroughly investigated the patent landscape related to VCSELS, VCSEL arrays and Vertical External Cavity Surface Emitting Lasers (VECSELS). Our patent landscape analysis shows significant changes in the VCSEL competitive landscape. VCSEL-related patent activity began in the late 1980s amongst US and European datacom players like Motorola, Finisar, Broadcom and NEC.*

**Worldwide and U.S. HR Management Services Forecast, 2018-2022***Published by IDC**Pub. Date 2018/11/06**Price**USD 4500 PDF by E-mail (Single user license)*[www.giiresearch.com/ce/240662](http://www.giiresearch.com/ce/240662)

*This IDC study contains a five-year forecast for the worldwide and U.S. markets for human resource (HR) management services, including discrete HR outsourcing (i.e., processing), HR consulting, and full-service HR outsourcing (i.e., business process outsourcing). "There are a plethora of HR services supplier types depending on the services being rendered. So there is no one-size-fits-all advice," said Lisa Rowan, research vice president, IDC's HR, Talent, and Learning Strategies and Services. "The one common concern for all services suppliers, however, is the cloud. Each services type is impacted by cloud and needs to adapt to take advantage of it."*

**TABLE OF CONTENTS**

- IDC Market Forecast Figure
- Executive Summary
- Advice for Technology Suppliers
- Market Forecast
- Market Context
- Market Definition
- Methodology
- Related Research

## **Global Music on Demand Market 2018-2022**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/11/06

Price

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USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/305757](http://www.giiresearch.com/ce/305757)

*The growing use of wearable technology is identified as one of the key trends that will gain traction in the market for the next four years. Wearable devices enable multi-tasking, for instance, the user can play sports and listen to songs as well. Some of the latest wearables that provide music streaming includes Apple watch and Samsung Gear. Technavio's analysts have predicted that the global music on demand market will register a CAGR of almost 12.37% by 2022.*

### *Market Overview*

#### *Surge in subscription-based services*

*Many music streaming applications have started providing social media integration services that allow them to personalize preferences and content. As a result, there is an increase in the number of subscription services. Online music streaming applications such as Spotify can be linked to social media platforms such as Facebook.*

#### *Intense competition and unpredictability in user preferences*

*The competition among service providers in the market is high with independent publishing houses, digital music service providers, concert ticket suppliers, and even individual artists fighting to gain maximum number of end-users.*

**Composable Infrastructure Market by Type (Software and Hardware), Vertical (BFSI, Healthcare, IT and Telecom, Government, Manufacturing), and Region (North America, Europe, Asia Pacific, and RoW) - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/11/06

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/744548](http://www.giiresearch.com/ce/744548)

The composable infrastructure market size is estimated to be USD 616 million in 2018 and is expected to reach USD 5,102 million by 2023, at a Compound Annual Growth Rate (CAGR) of 52.6% during the forecast period. The major factors driving the growth of the composable infrastructure market include the growing need to bridge the gap between traditional and new infrastructure and high scalability and agility of composable infrastructure. The major factors that are expected to hinder market growth are vendor lock-in and single point of failure.

Composable infrastructure hardware segment is expected to grow at a higher CAGR during the forecast period

The scope of this report covers the analysis of the composable infrastructure market by type, vertical, and region. Composable infrastructure hardware is expected to account for the largest market share in the global composable infrastructure market by type during the forecast period. The growing demand for composable infrastructure hardware is mainly due to the increasing number of enterprise applications and demand for dynamic hardware requirements to make IT infrastructure more agile and scalable.

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## **Cognitive Computing and Artificial Intelligence Systems Market in Healthcare**

Published by BCC Research

Pub. Date 2018/11/06

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USD 5500 PDF by E-mail (Single User License) ~

USD 9504 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/743269](http://www.giiresearch.com/ce/743269)

The global cognitive computing and AI systems market in healthcare should reach \$16.1 billion by 2022 from \$2.4 billion in 2017 at a compound annual growth rate (CAGR) of 45.9% for the period of 2017 to 2022.

North American cognitive computing and AI systems market in healthcare is expected to grow from \$1.2 billion in 2017 to \$7.1 billion in 2022 at a CAGR of 43.9% for the period of 2017 to 2022.

Asia-Pacific cognitive computing and AI systems market in healthcare is expected to grow from \$400 million in 2017 to \$3.2 billion in 2022 at a CAGR of 51.4% for the period of 2017 to 2022.

Report Scope:

This research report presents an in-depth analysis of the global market for cognitive computing and artificial intelligence systems in healthcare by offering, technology, application, end users and geographic markets. The report includes key factors driving growth of cognitive computing and artificial intelligence systems in healthcare. The report discusses the role of supply chain members ranging from manufacturers to researchers. The report has an in-depth analysis of key companies operating in the global market for cognitive computing and artificial intelligence systems in healthcare. The report's in-depth patent analysis will focus on providing extensive technological trends across years and geographies such as the U.S., Europe and China.

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## **Technology Verticalization Maturity Framework: From Horizontal to Industry Cloud**

Published by IDC

Pub. Date 2018/11/05

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/743364](http://www.giiresearch.com/ce/743364)

This IDC Market Perspective provides a look and taxonomy for the technology verticalization phenomena actively occurring in the technology market. It walks through the stages of verticalization maturity, the outcome of the stages, why the process is occurring from the tech supplier side, guidance on progressing through the stages, and why customers demand it. It can also be used as a benchmark to demonstrate, internally or to customers, advancement and maturity into industry verticals. According to Zachary Rabel, senior research analyst, IDC's Cloud, SaaS, and Industry Cloud, "Creating industry-specific technologies to capture vertical markets is a growing trend. Beyond the technology offering, capitalizing on the market requires identification of elements within the organization that will help or hinder creation and expansion of industry-targeted solutions. With the Technology Verticalization Maturity Framework, technology vendors can understand their status and drive toward greater vertical opportunities. With industry clouds redefining industry value chains and redistributing buying power, understanding how to align to vertical markets is critical."



## **IDC's Worldwide Cybersecurity Products Taxonomy, 2019**

Published by IDC

Pub. Date 2018/11/05

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/743366](http://www.giiresearch.com/ce/743366)

*This IDC study presents IDC's taxonomy of the security products market. It provides definitions of security products across four major platforms: software licenses, virtualization, appliances, and software as a service. It is the foundation for IDC's forecast and market share documents for security in 2018. IDC market sizing, forecasts, and company models are generated by IDC analysts around the world using this taxonomy. "IDC's cybersecurity products taxonomy provides a comprehensive and detailed framework for the security marketplace and is an essential resource for understanding how IDC defines security products in terms of software, hardware, virtualized products, and SaaS," says Frank Dickson, research director for IDC's Worldwide Security Products and Services group.*

## **Consumer Autonomous Vehicles - Autonomous Driving Systems for Small, Medium and Large Vehicles: Global Market Analysis and Forecasts**

Published by Tractica

Pub. Date 2018/11/05

Price

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[www.giiresearch.com/ce/741344](http://www.giiresearch.com/ce/741344)

*The emergence of leading-edge autonomous driving technologies and mobility-as-a-service (MaaS), along with a greater push for cleaner plug-in hybrid electric vehicles (PHEVs) and the present era of hyper data connectivity, are creating huge opportunities to fundamentally change the way people travel. Despite the majority of people agreeing that the autonomous vehicle (AV) is going to be the next big thing in the future and that it offers tremendous benefits, such as reduced mobility and infrastructure costs, increased safety, increased mobility, increased customer satisfaction, reduced crime, and disruption to other industries that are based on mobility, there are still several valid questions on the safety, liability, legal framework, loss of driving-related jobs, and ethical dilemmas that have no clear answers yet. The companies that are leading in AV technology, connectivity, and automobile manufacturing are pouring in a significant amount of capital to secure a strong position in the driverless future, and at the same time, all players ranging from small startup component vendors to municipalities are actively seeking their roles in the ecosystem. This Tractica report examines the market and technology issues surrounding consumer AVs and presents 6-year revenue forecasts for the industry. Tractica addresses the crucial market drivers and challenges, in addition to assessing the most important technology issues that will influence market development. In total, Tractica profiles 44 industry players. Market forecasts are segmented by world region and vehicle type.*

**Crypto Asset Management Market by Platform, Deployment Type (On-premises and Cloud), End-user (Institutions (BFSI, Hedge Funds, Brokerage Firms), and Retail and eCommerce), and Region (North America, Europe, APAC, and RoW) - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/11/05

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/743974](http://www.giiresearch.com/ce/743974)

The global crypto asset management market size is expected to grow from USD 94 million in 2018 to USD 207 million by 2023, at a Compound Annual Growth Rate (CAGR) of 17.1% during the forecast period during the forecast period. The major growth drivers for the market include the need to safeguard cryptocurrency assets, the growth in the cryptocurrency market, the rising dependence on cryptocurrency, and the proliferation of the blockchain technology. However, the lack of regulatory frameworks may restrain the market from growing.

On-premises deployment type is estimated to constitute a larger market size during the forecast period

The on-premises deployment is witnessed a high demand and is a popular deployment type among end-users. Crypto asset management solutions are available as a platform and standalone form, and are mostly deployed in end-users' premises. The solution providers have a full control over the infrastructure, software, hardware, data, maintenance, and the support they deliver. All the operational activities, such as setup, configuration, maintenance, and deployment of the solution, are handled locally on the end-user's premises. The cost of crypto asset management solution is high. Therefore, end-users are looking for cost-effective options while installing crypto asset management solutions on their premises.

**Western Europe Digital Transformation Forecast, 2017-2022**

Published by IDC

Pub. Date 2018/11/05

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/538480](http://www.giiresearch.com/ce/538480)

According to IDC's latest Western Europe Digital Transformation Survey (March 2017), 64% of Western European organizations are currently undergoing a formal digital business transformation effort and an additional 25% are about to embark on a transformation journey. In 2016, Western Europe was the third largest region by DX spending after Asia/Pacific (excluding Japan) and the U.S. in the first and second place, respectively, a ranking that is expected to continue throughout 2020, as Figure 2 shows.

TABLE OF CONTENTS

- IDC Market Forecast Figure
- Executive Summary
- Advice for Technology Suppliers
- Market Forecast
- Market Context
- Market Definition
- Methodology
- Related Research

## **Latin America B2C E-Commerce Market 2018**

Published by yStats.com GmbH & Co. KG

Pub. Date 2018/11/02

Price

USD 2250 Web Access - PDF & PPT (Single User License) ~

USD 4500 Web Access - PDF & PPT (Global Site License - Up to 10 Users)

[www.giiresearch.com/ce/742410](http://www.giiresearch.com/ce/742410)

Online retail sales volume in Latin America lags the phenomenal growth seen in North America, Europe and Asia, yet there are indications that the region may be set for rapid growth. yStats.com CEO Yücel Yelken notes that "Latin America is influenced by Global E-Commerce trends such as mobile shopping and payments as well as cross-border purchases." More details are revealed in yStats.com's newest report "Latin America B2C E-Commerce Market 2018".

*Brazil leads the region in B2C E-Commerce*

Brazil is the regional leader in online retail sales volume and is expected to see continued growth. Purchases through mobile devices accounted for about a third of total online transactions in 2017, and the yStats.com report discloses that smartphones are used more often for online shopping research than purchases. The items frequently purchased online in Brazil through mobile include clothing, food and electronics.

## **Global Augmented and Virtual Reality in Healthcare Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/11/02

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/743315](http://www.giiresearch.com/ce/743315)

Augmented and virtual reality in healthcare use special software and hardware to create different artificial environments which provide real-life situations to the user.

Technavio's analysts forecast the global augmented and virtual reality in healthcare market to grow at a CAGR of 28.15% during the period 2019-2023.

*Covered in this report*

The report covers the present scenario and the growth prospects of the global augmented and virtual reality in healthcare market for 2019-2023. This market research report offers a comprehensive analysis of the market segmentation by offering (hardware, and software).

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Augmented and Virtual Reality in Healthcare Market 2019-2023*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

## **Customer Information System Market by Component (Solutions and Services), Application (Water and Wastewater Management, Electricity and Power Management, and Utility Gas Management), Deployment Type, and Region - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/11/02

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/743970](http://www.giiresearch.com/ce/743970)

The global Customer Information System (CIS) market size is expected to grow from USD 877 million in 2018 to USD 1,539 million by 2023, at a Compound Annual Growth Rate (CAGR) of 11.9% during the forecast period. Major growth factors for the market include the growing global utility consumption, the emerging cloud and IoT technologies, and smart city initiatives. However, stringent government data regulation issues could restrain the market growth.

Water and wastewater management segment is expected to account for the largest market size during the forecast period

The water and waste water management segment is one of the dominating segments in terms of CIS deployments. CIS solutions assist organizations by registering, tracking, and monitoring the water meter population through complete billing and meter data solutions. CIS assists organizations to calculate water consumption bills, generate bill receipts, report on-demand delivery, and track leakages if any. The water and waste water management segment account for the highest market size, owing to the increase in water consumption. The overall water consumption across the globe is increasing at a significant rate, and the effective management of it requires CIS implementations. Furthermore, various governments are taking several initiatives to enable smart distribution of water based on customer density and usage pattern. These initiatives drive the growth of CIS implementations, hence leading to the growth of the overall market.

## **Worldwide Customer Service Applications Software Forecast, 2018-2022: Market Will Near 80% Cloud by 2022**

Published by IDC

Pub. Date 2018/11/02

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738790](http://www.giiresearch.com/ce/738790)

This IDC study provides an updated market sizing for the worldwide customer service applications software market based on completed revenue modeling and a revised forecast for the market over a 10-year period, with a 5-year forecast period (2018-2022). "Customer service functions in combination with contact centers are at the forefront of customer handling in the digital economy," says Mary Wardley, program VP, Customer Care and CRM. "New channels of customer interaction including social, messaging, and communities are causing a shift in where customer activity occurs. Organizations are actively embracing these channels in concert with artificial intelligence-based functionality to create immediate and timely customer interactions."

## **Satellite-based Earth Observation Market in Europe 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/11/02

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/357332](http://www.giiresearch.com/ce/357332)

Satellite-based earth observation (EO) refers to the use of remote sensing satellites to gather information on the physical, chemical, and biological features of the Earth's surface and atmosphere.

Technavio's analysts forecast the satellite-based earth observation market in Europe to grow at a CAGR of 13.72% during the period 2019-2023.

Covered in this report

The report covers the present scenario and the growth prospects of the satellite-based earth observation market in Europe for 2019-2023. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

The market is divided into the following segments based on geography:

- Russian Federation
- UK
- Rest of Europe

Technavio's report, *Satellite-based Earth Observation Market in Europe 2019-2023*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

## **5G IoT: Market Opportunities in the Vertical Industries**

Published by IDATE DigiWorld

Pub. Date 2018/11/02

Price

USD 3300 Web Access - PDF (Single Department License/1-5 Users) ~

USD 4950 Web Access - PDF (Group License/All Users)

[www.giiresearch.com/ce/408848](http://www.giiresearch.com/ce/408848)

This study first introduces the concepts of 5G and the expected technical specifications that will provide new solutions to meet the requirements of vertical industries.

In a second stage, the report dives deep into the selected verticals that are most likely to leverage 5G technologies. It further identifies new expected services, requirements and trends for adoption.

Finally, the study gives an assessment of the patterns of 5G adoption in vertical markets up to 2025.

Table of Contents

- |                                      |   |
|--------------------------------------|---|
| 1. Executive Summary                 | 2. General methodology of IDATE's reports |
| 3. 5G concepts and technologies      | 4. 5G and the automotive sector           |
| 5. 5G and the health sector          | 6. 5G and the manufacturing sector        |
| 7. 5G and the energy sector          | 8. 5G and the passenger transport sector  |
| 9. Other vertical applications of 5G | 10. Market analysis                       |

## **Worldwide Cloud Server Forecast, 2018-2022**

Published by IDC

Pub. Date 2018/11/01

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/570304](http://www.giiresearch.com/ce/570304)

*This IDC study provides a worldwide forecast for spending and shipments for servers in cloud (across public and private clouds) versus traditional IT deployments. It also assesses the impact of cloud (public and hosted private) on the location (on-premises versus off-premises) and ownership of IT infrastructure in the next five years. For detailed information on spending for each hardware IT segment (server, storage, and network) and within each region, refer to IDC's Worldwide Quarterly Cloud IT Infrastructure Tracker and Forecast. For a view of many of the cloud service providers whose infrastructure purchases are aggregated in this document, IDC's Cloud Infrastructure Index 2018, an IDC multiclient study, provides a named company list with each company's individual annual storage capacity deployment, server unit deployment, and total spend on compute and storage. "Workload migration to cloud is a key aspect of organizations undergoing digital transformation. While high growth in cloud server spending is an indicator of the increasing role cloud plays in the digital transformation journey, it is also an indicator of organizational-level changes as IT continues to evolve from being a cost center to becoming a business partner, from a product into a service." - Kuba Stolarski, research director, Infrastructure Systems, Platforms and Technologies*

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## **EMEA Video Communications Platform-as-a-Service Forecast, 2018-2022**

Published by IDC

Pub. Date 2018/11/01

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738765](http://www.giiresearch.com/ce/738765)

*This IDC study provides a forecast for the EMEA video communications PaaS market for 2017-2022 and provides insight into the dynamics impacting this market in the forecast period. "The video communications platform-as-a-services market in EMEA is expected to lift off during the forecast period, growing with a CAGR of 59.7% to reach \$2.3 billion in 2022," said Melissa Fremeijer, senior research analyst, IDC EMEA Telecommunications and Networking. It is still a relatively small market today, but growth is expected to be rapid, driven by powerful and compelling applications for virtual face-to-face meetings and the ease/cost efficiency of cloud APIs.*

## **Worldwide Storage Software and Public Cloud Market Shares, 2Q18: Overall Market Growth Slows**

Published by IDC

Pub. Date 2018/11/01

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USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/620831](http://www.giiresearch.com/ce/620831)

*This IDC study provides a brief overview of the worldwide storage software and basic storage (infrastructure as a service [IaaS]) market performance during the second calendar quarter of 2018 (2Q18). "Strong performance of the storage systems market continued to drag positive storage software new license sales in 2Q18," says Andrew Smith, senior research analyst, Storage Software. "Meanwhile, public cloud storage software solutions continue to expand. The expansion of these revenue types helped the storage software market grow 1% year over year in 2Q18 - offsetting the consistent decline of storage software maintenance revenue."*

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## **Worldwide Datacenter System and Application Control Software Market Shares, 2017: First Look**

Published by IDC

Pub. Date 2018/11/01

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738786](http://www.giiresearch.com/ce/738786)

*This IDC study discusses 2017 vendor market shares and market activity across the worldwide datacenter system and application control (DSAC) software market, a submarket of IDC's functional IT automation and configuration management (ITACM) software market. "The worldwide datacenter system and application control software market saw moderate revenue growth in 2017 as mature products were challenged by a range of open source, commercial, and free solutions," says Tim Grieser, research vice president, Enterprise Systems Management Software. "Increasing numbers of customers are finding that some portion of their DSAC requirements can be met by unpaid open source and advanced software-defined automation capabilities embedded in infrastructure platforms and public cloud-based infrastructure services."*

**Robotics and Automation Market by Cloud Robotics, UAV/Drones, Robotics Equipment, Components, Solutions, Apps and Services**

Published by Mind Commerce

Pub. Date 2018/11/01

Price

USD 2995 PDF by E-mail (Single User License) ~

USD 6995 PDF by E-mail (Global Enterprise License)

[www.giiresearch.com/ce/737737](http://www.giiresearch.com/ce/737737)

*Robotics is increasingly used to improve enterprise, industrial, and military automation. In addition, robots are finding their way into more consumer use cases as the general public's concerns fade and acceptance grows in terms of benefits versus risks. While many consumer applications continue to be largely lifestyle oriented, enterprise, industrial and military organizations utilize both land-based and aerial robots are used for various repetitive, tedious, and/or dangerous tasks. Adoption and usage is anticipated to rapidly increase with improvements to artificial intelligence, robotic form factors and fitness for use, cloud computing and related business models, such as robotics as a service.*

*This research evaluates the Cloud Robotics market including technologies, companies, strategies, use cases, and solutions. The report provides global and regional forecasts for Cloud Robotics apps, services, and components from 2018 to 2023. Forecasts include the market outlook for Cloud Services support of Cloud Robotics including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), and Robotics as a Service (RaaS). Forecasting for Cloud Robotics by deployment model is also included covering Public Cloud, Private Cloud, Hybrid Cloud, and Community Cloud.*

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**Threat Intelligence Market by Solution (Threat Intelligence Platforms, SIEM, IAM, SVM, Risk and Compliance Management, Incident Forensics), Service (Managed, Professional), Deployment Mode, Organization Size, Vertical, Region - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/11/01

Price

USD 7150 PDF by E-mail (Single User License) ~

USD 11000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/335104](http://www.giiresearch.com/ce/335104)

"Increasing level of interconnectivity due to IoT and BYOD trends is expected to drive the threat intelligence market"

The threat intelligence market size is estimated to grow from USD 5.3 billion in 2018 to USD 12.9 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 19.7%.

The threat intelligence market is driven by factors such as the threat to data by the growing level of interconnectivity due to IoT and BYOD trends and increasing number of targeted attacks and ubiquitous APTs. However, complexities in deriving quality information from huge volumes of threat data is still a concern for organizations. Furthermore, organizations' inability to afford robust threat intelligence services is acting as a barrier in the threat intelligence market.

"Threat intelligence platforms segment is expected to grow at the highest CAGR during the forecast period"

The threat intelligence market by solution includes threat intelligence platforms, Security Information and Event Management (SIEM), log management, Security and Vulnerability Management (SVM), Identity and Access Management (IAM), risk and compliance management, incident forensics, and User and Entity Behavior Analytics (UEBA). These solutions protect the systems individually, and when integrated with the threat intelligence feeds, they provide comprehensive security to the users. The threat intelligence platforms segment in the threat intelligence solution market is expected to have the highest CAGR during the forecast period.

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**IDC FutureScape: Worldwide Social and Experiential 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574560](http://www.giiresearch.com/ce/574560)

This IDC study presents our worldwide social media team of analysts' view of key drivers and outcomes relating to the evolution of social media. "The tech-savvy workforce of the future is here. They are hyperconnected, social, collaborative, and they 'scale' their time with digital solutions. Businesses that struggle to meet their expectations, as both customers and employees, will find rough waters ahead," according to Wayne Kurtzman, research director, IDC's Social and Experiential Solutions research. "They expect that same 'one click to buy, one click for support, and one click to chat' experience whether they are buying for themselves or for work. Emerging technologies such as collaboration applications, artificial intelligence, and augmented reality are increasing their expectations even further. No company will be exempt from the need to meet the hyperconnected customer experience - or the employee's experience."

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**IDC FutureScape: Worldwide Datacenter 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345076](http://www.giiresearch.com/ce/345076)

*This IDC study discusses the worldwide datacenter top 10 predictions for 2019. "In a digital economy where owning the customer experience is the goal, a premium must be placed guaranteeing response time and rapid but secure data movement. Greater use of data vaults, increasing service interconnect of composite workloads, and the creation of a service delivery edge will dominate datacenter decisions," says Richard Villars, research vice president, Datacenter and Cloud*

## TABLE OF CONTENTS

- IDC FutureScape Figure
- Executive Summary
- IDC FutureScape Predictions
- ADVICE FOR TECHNOLOGY BUYERS
- EXTERNAL DRIVERS: DETAIL
- Learn More

**IDC FutureScape: Worldwide Consumer DX and Home IoT 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574556](http://www.giiresearch.com/ce/574556)

*This IDC study examines how 10 innovation forces will shape the consumer technology market over the next three years. "Consumer digital transformation (DX) continues to drive new devices, services, technologies, and experiences," says Adam Wright, senior research analyst with IDC's Consumer IoT research team. "As legacy business and service models erode in the face of emerging technologies, particularly in the home IoT sector, businesses need to make bold decisions to embrace emerging technologies and enable new user experiences to compete for a greater share of the consumer market. Decision makers at consumer companies must embrace change and not be held hostage to either legacy technologies and business and service models or the challenges of meeting consumer demand in nascent, unproven markets."*

## **IDC FutureScape: Worldwide CIO Agenda 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/345100](http://www.giiresearch.com/ce/345100)

*This IDC study provides IDC's top 10 predictions for the 2019 CIO Agenda. These predictions provide a strategic context that will enable CIOs to lead their organizations through a period of multiplied innovation and disruption over the next 5 years. They also lay out IDC's vision for the 10 most important shifts that will happen in IT organizations over the next 60 months and will help senior IT executives in the formation of their strategic IT plans. "In a multiplied innovation economy built on emerging technologies, CIOs must reinvent the IT organization to enable their enterprise to take advantage of the most powerful wave of the digital transformation," says Serge Findling, vice president of Research for IDC's IT Executive Programs (IEP).*

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## **IDC FutureScape: Worldwide CMO 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383624](http://www.giiresearch.com/ce/383624)

*This IDC study provides IDC's top 10 predictions for CMOs and their organizations for 2019. According to Gerry Murray, research director, IDC's Marketing and Sales Technology service, "As CMOs face another tsunami of change, they have more tools, talent, and insight available to them than ever. Success will hinge on their ability to change the tenor of marketing and educate themselves and other functions about how each role, each team, and each department can enhance the ability of every other to continuously improve customer experience."*

### TABLE OF CONTENTS

- *IDC FutureScape Figure*
- *Executive Summary*
- *IDC FutureScape Predictions*
- *Advice for Technology Buyers*
- *External Drivers: Detail*
- *Learn More*

**IDC FutureScape: Worldwide Services 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345085](http://www.giiresearch.com/ce/345085)

*This IDC study provides IDC's top 10 predictions for worldwide services for 2019 and beyond. "Most companies will choose to engage a service firm to help fulfill their IT and business aspirations but will be seeking new ways of contracting, new types of capabilities, and new delivery models in the years ahead. These preferences will heavily impact the way that service firms come to market, invest, and transform themselves to be better and more effective partners," says Rebecca Segal, group VP, Worldwide Services at IDC.*

**TABLE OF CONTENTS**

- *IDC FutureScape Figure*
- *Executive Summary*
- *IDC FutureScape Predictions*
- *Advice for Technology Buyers*
- *External Drivers: Detail*
- *Learn More*

**IDC FutureScape: Worldwide SMB 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345082](http://www.giiresearch.com/ce/345082)

*This IDC study provides the top 10 predictions and underlying drivers that we expect to impact SMBs in 2019 and beyond. "Effective senior executives, business unit heads, and IT managers in small and midsize businesses worldwide will be looking to harness a wide range of technology to support positive business outcomes in challenging times. While SMBs will always seek the near-term benefits of new technology, the most successful will also invest at the same time to support a long-term vision in keeping with digital transformation." - Raymond Boggs, vice president, Small and Medium Business research at IDC*

**TABLE OF CONTENTS**

- *IDC FutureScape Figure*
- *Executive Summary*
- *IDC FutureScape Predictions*
- *Advice for Technology Buyers*
- *External Drivers: Detail*
- *Learn More*

**IDC FutureScape: Worldwide Cloud 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345091](http://www.giiresearch.com/ce/345091)

*This IDC study provides IDC's top 10 predictions for cloud for 2019 and beyond. "We're experiencing unprecedented disruption in how businesses operate, driven largely by changes in customer expectations and behavior. For organizations with the cultural fortitude to capitalize on the trends presented in this IDC FutureScape, the next four to five years offer the opportunity to dramatically improve performance, while the less able and willing struggle to retain customers and margin," according to Frank Della Rosa, IDC research director for SaaS and Cloud Software. "All of these topics are discussed in greater detail within this IDC FutureScape, along with our assessment of their IT impact and our recommendations for how organizations should approach these initiatives."*

**IDC FutureScape: Worldwide Customer Experience 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574557](http://www.giiresearch.com/ce/574557)

*This IDC study provides the top 10 predictions and underlying drivers that we expect to impact customer experience in 2019 and beyond. According to Alan Webber, research director, IDC Customer Experience, "Providing a differentiated customer experience is becoming more difficult for brands. Yes, customers are integrating more technology into their lives that results in more channels engage with and more data for the brand, it also makes it more difficult to provide a consistent experience across those channels to effectively and contextually target those customers with the right experience without more technology. It is becoming a never-ending cycle."*

**IDC FutureScape: Worldwide Digital Transformation 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345043](http://www.giiresearch.com/ce/345043)

*This IDC study provides IDC's top 10 predictions for digital transformation for 2018. "With direct digital transformation (DX) investment spending of \$5.9 trillion over the years 2018 to 2021, this topic continues to be a central area of business leadership thinking," says Shawn Fitzgerald, research director, Worldwide Digital Transformation Strategies. "IDC's 2019 DX predictions represent our perspective on the major transformation trends we expect to see over the next five years - based on our almost 800 business use cases spanning 16 industries and 8 functional areas, our DX spending guides showing where industry is both prioritizing digital investments, and where we expect to see the largest growth in 3rd Platform and innovation accelerator technologies."*

## **IDC FutureScape: Worldwide Smart Cities and Communities 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738776](http://www.giiresearch.com/ce/738776)

*This IDC study provides IDC's top 10 Smart City and Communities predictions for 2019. The IDC Smart Cities and Communities team outlines key recommendations for government leaders who want to understand trends impacting IT investments and determine the best course for strategic planning. "The digital transformation of urban areas around the world is under way. With investment in Smart City solutions growing to \$158 billion by 2022, cities and communities must now begin to strategically think about how to tie technology innovation to outcomes and how to coordinate departmental initiatives for citywide impact," says Ruthbea Yesner, vice president, IDC Government Insights. "IDC's Smart Cities and Communities predictions represent our collective thinking on the major trends that will impact urban areas for the next five years."*

## **IDC FutureScape: Worldwide Developer and DevOps 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574553](http://www.giiresearch.com/ce/574553)

*This IDC study presents IDC's developer- and DevOps-related top 10 predictions for 2019. "Never before have there been more changes to tools, processes, and deployment environments happening in parallel. If the shift from on-premises to off-premises computing was not enough, few existing applications will become digital-native applications without dramatic updates," said Al Gillen, group vice president, Software Development and Open Source at IDC. "We will end up leaving some venerable applications behind, but we can also expect a broad range of exciting new applications - some of them bordering on scary smart - in the next five years."*

## **IDC FutureScape: Worldwide Utilities 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345137](http://www.giiresearch.com/ce/345137)

*This IDC study provides the outlook of IDC Energy Insights' analyst team for the worldwide utility industry for 2019, as well as the planning horizon for the next five years. "Utilities are facing challenges in their transformation journey. They need to overcome siloed initiatives by integrating and orchestrating change across the organization. They need to strengthen weak road maps, which are responsible for the transformation deadlock. They must close their talent gap and overcome their inability to scale up innovation. Finally, they need to introduce new sets of key performance indicators (KPIs). This journey is neither easy nor painless, but if they will do it right, they will deliver value to customers, employees, shareholders, and society," said Roberta Bigliani, vice president, IDC Energy Insights.*

**IDC FutureScape: Worldwide Robotics 2019 Predictions**

Published by IDC

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USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383621](http://www.giiresearch.com/ce/383621)

*This IDC FutureScape presents the IDC Worldwide Robotics team's analysis of key drivers relating to robotics and drone technologies, and how these drivers are likely to shape the development of robotics and drones in the planning horizon of 2019 through 2024. The development and deployment of robotics (including drones) in various industries continued to accelerate in 2017, with double-digit growth based on IDC research. "Robots are becoming more intelligent, safer, and simpler to deploy, and more digitally connected to further empower user organizations in their ongoing digital transformation journeys. We continue to see the fast advancement of robotics technology and their accelerated deployment in more industry verticals with added new use cases," said Dr. Jing Bing Zhang, research director, Worldwide Industrial Robotics and Asia/Pacific Manufacturing Insights, IDC Asia/Pacific. "Integrating robots with enterprise information systems and to industrial IoT platforms provides new opportunities for increasing overall operations efficiency and agility, enabling organizations to deliver higher-quality products and services with greater efficiency," added Zhang.*

**IDC FutureScape: Worldwide Connected Devices 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383625](http://www.giiresearch.com/ce/383625)

*This IDC study discusses the worldwide connected devices 2019 predictions. "IT faces a significant challenge as employees ask for new devices they believe will help drive increased productivity such as smart assistants, augmented and virtual reality (AR/VR) headsets, and increasingly capable wearables," said Tom Mainelli, VP of Devices at IDC. "Perhaps even more challenging - and potentially beneficial - is how today's existing technologies and how companies buy and deploy them are changing. IT has a tough job ahead of it, but the results could drive big dividends for their companies."*

**TABLE OF CONTENTS**

- *IDC FutureScape Figure*
- *Executive Summary*
- *IDC FutureScape Predictions*
- *Advice for Technology Buyers*
- *External Drivers: Detail*
- *Learn More*

## **IDC FutureScape: Worldwide Analytics and Artificial Intelligence 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738780](http://www.giiresearch.com/ce/738780)

*This IDC study provides IDC's 2019 top 10 predictions for analytics and artificial intelligence. "Investments in analytics and artificial intelligence are driven by the promise, opportunity, and excitement of a new wave of automation that not only drives inefficiency out of processes but also changes how people interact with the digitized world around them and how processes and whole ecosystems change because of automation," said Dan Vesset, group VP, Analytics and Information Management market research. "However, investment in analytics and AI will be moderated by shortage of algorithm training data, outdated legal frameworks, shortage of analytics staff, behavioral biases, and insufficient attention to analytic orientation and data literacy."*

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## **IDC FutureScape: Worldwide Health Industry 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574550](http://www.giiresearch.com/ce/574550)

*This IDC study explores how different drivers are collectively impacting technology in the health industry and offers guidance on actions to consider. Healthcare and life science organizations are hard pressed in the new digital era to respond to a wide range of political, economic, social, cultural, technological, legal, and experiential forces. These forces alongside ever-expanding data assets, increasing market pressures, sweeping regulations, and changes in the global populace and in the states of health and well-being call for the industry to take action in innovative ways that meet rising expectations, improve outcomes, and deliver value. "The 2019 worldwide health industry predictions offer insight into the future of the health industry as it is being transformed in the new digital era," says Mutaz Shegawi, research director, IDC Health Insights. "The future belongs to visionary leaders and forward-thinking organizations that are able to break the shackles of legacy systems and accelerate mastering digital-first strategies. The thrivers will be those that champion data-driven, experiential, and personalized approaches through health IT."*

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## **Global Artificial Intelligence (AI) in Social Media Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/31

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/743313](http://www.giiresearch.com/ce/743313)

The growing demand for smart homes and the development of smart cities is identified as one of the key trends that will gain traction in the global artificial intelligence (AI) in social media market for the next four years. AI in social media is being used in home appliances to predict consumer preferences, which are based on historical data. AI in social media helps make transportation smarter, urban planning optimal, and cities safer. It helps track citizens habits, behavioural characteristics, and activities. Technavio's analysts have predicted that the global artificial intelligence (AI) in social media market will register a CAGR of over 30% by 2023.

Market Overview

Growing demand for data integration and visual analytics

AI in social media helps end-user companies integrate technical and business process data from different sources and convert it into meaningful business insights. Vendors in the market are introducing AI-powered products to increase the AI capabilities of analytics.

## **Global Satellite Phone Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/31

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/743312](http://www.giiresearch.com/ce/743312)

Presently, satellites in geostationary orbit which are positioned more than 22,000 miles above the earth's surface are used to provide satellite-based Internet services. However, the high latency due to the large distance makes satellite-based Internet inefficient for several applications such as video conferencing, live streaming, and gaming. Moreover, the high manufacturing and launching costs of the traditional large-size satellites makes satellite-based Internet services costly. The latency of satellite-based Internet services can be reduced to nearly 20-30 milliseconds by using the constellations of nano and microsatellites which are placed in LEO at around 680 miles from the surface of the earth. The latency provided by this infrastructure is comparable to that provided by broadband Internet solutions. This satellite-based Internet service is also less costly. Thus, the progression towards low-cost, satellite-based internet services is expected to drive the market growth during the forecast period. Technavio's analysts have predicted that the satellite phone market will register a CAGR of over 4% by 2023.

## **IDC FutureScape: Worldwide Education 2019 Top 10 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738756](http://www.giiresearch.com/ce/738756)

*This IDC FutureScape provides worldwide education 2019 top 10 predictions. "An education IT initiative is not about how many cutting-edge devices or intelligent solutions will be in next year's budget. The focus should be on discovering and attaining strategic educational outcomes, all enabled by digital innovations. Solutions that boost new teaching pedagogies, enhance student learning, and include growing stakeholder involvement such as parents or alumni participation, for instance, will increasingly be pursued," notes Gerald Wang, Head, Asia/Pacific Public Sector, IDC. "Education institutions need to fully understand outcomes-based deliberations when using new digital technologies. This is because an industry-ready workforce of the future is one that requires change-resilient agile mindsets that constantly seek up-skilling and up-tooling developments while balancing independent and collaborative learning habits in equal measure."*

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## **Vendors Stake Out Positions in Emerging Istio Service Mesh Landscape**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738783](http://www.giiresearch.com/ce/738783)

*This IDC Market Perspective provides an overview of technology developments, vendor strategies, positioning relating to Istio, and open source service mesh under the auspices of the Cloud Native Computing Foundation (CNCF). "Istio recently reached 1.0 status as an open source project, but it already has attracted a vibrant community encompassing a wide range of developers from enterprises, service providers, cloud giants, and infrastructure vendors. Even at this nascent stage of development, Istio is widely recognized as the service mesh of record for Kubernetes, and the need for services meshes in microservices environments will only grow. Vendors recognize the potential of Istio, and they are formulating strategies and extending their portfolios to bring value to the community." - Brad Casemore, IDC research vice president, Datacenter Networks*

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## **Global Bluetooth Tester Industry Research Report, Growth Trends and Competitive Analysis 2018-2025**

Published by QYResearch

Pub. Date 2018/10/31

Price

USD 5600 PDF by E-mail (Single User License) ~

USD 11200 PDF by E-mail (Enterprise Wide License)

[www.giiresearch.com/ce/738670](http://www.giiresearch.com/ce/738670)

The Bluetooth Tester market was valued at Million US\$ in 2017 and is projected to reach Million US\$ by 2025, at a CAGR of during the forecast period. In this study, 2017 has been considered as the base year and 2018 to 2025 as the forecast period to estimate the market size for Bluetooth Tester.

This study focuses on the production side and consumption side of Bluetooth Tester, presents the global Bluetooth Tester market size by manufacturers, regions, type and application, history breakdown data from 2013 to 2018, and forecast to 2025.

In terms of production side, this report researches the Bluetooth Tester capacity, production, value, ex-factory price, growth rate, market share for major manufacturers, regions (or countries) and product type.

In terms of consumption side, this report focuses on the consumption of Bluetooth Tester by regions and application. The key regions like North America, Europe, Asia-Pacific, Central & South America, Middle East and Africa etc.

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## **IDC FutureScape: Worldwide Security Products and Services 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383633](http://www.giiresearch.com/ce/383633)

This IDC study presents the top 10 predictions for the 2019 worldwide security products and services market. "We see this as a complicated time for IT and security practitioners as the complexity of networks is changing, the adversary becomes better equipped, protection of identity is requisite, and compliance becomes enforceable," said Christina Richmond, program vice president for IDC Security Services. "We also see this as a time of opportunity as businesses have various options in products and services that enable them to shape a precise cybersecurity posture that is fiscally attractive and addresses the needs of both security and operations."

## **IDC FutureScape: Worldwide Future of Work 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738760](http://www.giiresearch.com/ce/738760)

*"Technology is changing work as we know it. This impacts organizations' culture, required skills, the way talent is sourced, the workspace, and the nature and makeup of the workforce itself. Every organization needs to be prepared to embrace the FoW revolution," said Roberta Bigliani, vice president, IDC. "The Future of Work transformation is not an end - it is a journey with the end state constantly in flux. Organizations that develop an experience-centric model - front, back, and center - and highly agile structures that can constantly identify and adapt to changes in rapidly evolving technologies and consumer preferences will be the ones leading in the digitalized era," said Avinav Trigunait, research director, IDC.*

## **IDC FutureScape: Worldwide IoT 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574563](http://www.giiresearch.com/ce/574563)

*This IDC study provides details behind IDC's top 10 predictions for IoT for 2019 and beyond. "The next chapter of IoT is just beginning as we see a shift from digitally enabling the physical to automating and augmenting the human experience with a connected world," says Carrie MacGillivray, group vice president, IoT and Mobility. "Our IoT team continues to keep a pulse on the latest market developments to help inform enterprise decision makers as they look to use the audible, visual, tactile, environmental, and contextual inputs that IoT provides to digitally transform their business."*

### TABLE OF CONTENTS

- *IDC FutureScape Figure*
- *Executive Summary*
- *IDC FutureScape Predictions*
- *Advice for Technology Buyers*
- *External Drivers: Detail*
- *Learn More*

## **IDC FutureScape: Worldwide Corporate Banking 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738762](http://www.giiresearch.com/ce/738762)

*This IDC FutureScape discusses the worldwide corporate banking sector and is a planning tool for technology leaders and their line-of-business (LOB) counterparts to use in their IT strategic planning efforts. It provides foresight for tech-based strategies by laying out IDC Financial Insights' top 10 predictions over the next five years. Each prediction identifies the IT and business impacts of the projected imperative, providing guidance and a cost/complexity assessment alongside external drivers and trends impacting this sector. "The 10 predictions in this inaugural corporate banking study are reflective of a major change underway in the sector as digitalization and internal DX escalate, while cognitive, connective, and analytical technologies develop in cloud, AI, and DLT fields," said Neil Ainger, research manager, Worldwide Corporate Banking, IDC. "Meanwhile, the open banking and API trend promises new front-end, data-centric tools in the pricing of loans, trade finance, instant-payment route analytics, liquidity alerts, and so on, plus new services and market entrants. The pace of change will reach an inflection point in the next five years."*

## **IDC FutureScape: Worldwide Connected Vehicle 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383631](http://www.giiresearch.com/ce/383631)

*This IDC study provides our top 10 predictions for the worldwide connected vehicle market for 2019. These predictions reflect IDC's vision for the 10 most important trends in this market over the next 60 months (through 2024). Technology buyers across automotive manufacturers, tiered suppliers, mobile network operators, and fleet owners should use this IDC FutureScape to help inform their purchasing decisions over the next three to five years. According to Matt Arcaro, research manager, Next Generation Automotive research, "In 2018, we saw an acceleration of the impacts of digital transformation on the automotive industry and ecosystem. Changes such as growth of mobility-as-a-service (MaaS) providers like Uber and Lyft and the preproduction testing of automated vehicles are forcing technology buyers to broaden the scope of services and technology they need to understand and adopt. This frequency of change will only accelerate, and ecosystem participants unwilling or unable to adapt may be disrupted."*

## **TV Analytics Market by TV Transmission Type (Cable TV, Satellite TV/ DTH, IPTV, and Over the Top (OTT)), Application (Customer Lifetime Management, Content Development, Competitive Intelligence, and Campaign Management) - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/10/31

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/739264](http://www.giiresearch.com/ce/739264)

MarketsandMarkets estimates the global TV analytics market to grow from USD 1.9 billion in 2018 to USD 4.2 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 17.4% during the forecast period. The TV analytics market is growing rapidly with the intensifying business competition and the growth of social media and social advertising trends. However, the lack of skilled personnel would limit the growth of the market.

Rising demand for personalized content to extend and improve creator and customer relationship is driving the adoption of TV analytics for the satellite TV or Direct to Home (DTH) platform

Satellite TV or DTH companies offer direct broadcasting services that deliver television content through radio waves. The DTH providers use the power of analytics to understand the taste and preference of users, which helps them upsell products and services. Personalized content helps companies to not only increase the Average Revenue Per Users (ARPU), but also in reducing the customer churn.

## **IDC FutureScape: Worldwide Smart Manufacturing 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738763](http://www.giiresearch.com/ce/738763)

Most of our predictions refer to the continuous changes and aspirations of global manufacturing players. The predictions in this document will guide their technology investment and priorities. To consolidate their strategies in smart manufacturing, they can leverage these predictions to plan a cohesive and integrated strategy with specific timebound objectives and targeted investments. The predictions are founded on a set of chosen representative drivers depicting the existing economic environment that is periodically adjusted and revised to reflect changes in the geopolitical stability and business atmosphere. This IDC study examines IDC's top 10 predictions for the worldwide smart manufacturing industry in 2019. According to Lorenzo Veronesi, research manager, IDC Manufacturing Insights, "Today, we see three main drivers for smart manufacturing: a renewal in perspective that places the factory at the center of business initiatives, the fact that data are going to be everywhere in the production process, and lastly, the understanding that people and machines will have to work together and not in opposition. These trends are opening a window of opportunity for companies willing to differentiate through superior factory processes."

**IDC FutureScape: Worldwide Hospitality and Travel 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738777](http://www.giiresearch.com/ce/738777)

*This IDC study explores how different drivers are collectively impacting technology in the hospitality industry and offers guidance on actions to consider. Hospitality organizations are hard-pressed in the new digital era to respond to a wide range of political, economic, social, cultural, technological, legal, and experiential forces. These forces, alongside the ever-expanding data assets, increasing market pressures, sweeping regulations, and changes in the global populace and in consumer expectations for experiential hospitality, call for the industry to act in innovative ways that meet rising expectations, improve outcomes, and deliver value. "Hospitality organizations have been late to enter the race of digital transformation. This delay has already significantly impacted the industry. There is a fair degree of awareness today among executives in hospitality organizations worldwide that the transformation imperative cannot be ignored. The 2019 worldwide hospitality industry predictions provide a glimpse into how the hospitality industry will unfold and evolve in the years to the come as transformation becomes the central theme in the new digital era," says Jaideep Thyagarajan, senior market analyst, IDC Retail Insights.*

**IDC FutureScape: Worldwide Payments 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345092](http://www.giiresearch.com/ce/345092)

*This IDC Financial Insights study presents the top 10 predictions - in no particular order - for payment leaders to consider as they think through their upcoming plans. A common set of key drivers are included so that technology leaders can look at the broader conditions beyond the predictions. According to James Wester, research director, Worldwide Payment Strategies, "Payments continues to be roiled by immense changes, but the key components of the business of moving money remain the same: give businesses and consumers convenient, secure access to their money when they need it. Financial institutions must provide these core services even as competition, technology, and regulation make delivering those core components profitably even more difficult."*

**IDC FutureScape: Worldwide National Governments 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738781](http://www.giiresearch.com/ce/738781)

*This IDC study discusses the top 10 predictions for worldwide national governments in 2019. National governments face a host of challenges in the coming years. Citizen expectations are stoking new investments from government agencies working to modernize their systems. But at the same time, they are facing the challenge of trying to move away from legacy systems while also trying to maintain security and experiment with powerful new technologies like quantum computing and blockchain. "Government agencies are increasingly looking to systems integrators to help them offer powerful new solution sets and meet citizen expectations," said Shawn P. McCarthy, research director, IDC Government Insights.*

## **Learning Management Systems: Global Markets**

Published by BCC Research

Pub. Date 2018/10/31

Price

USD 5500 PDF by E-mail (Single User License) ~

USD 9504 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/738749](http://www.giiresearch.com/ce/738749)

The global market for learning management systems (LMS) should grow from \$5.1 billion in 2018 to over \$12.0 billion by 2023 at a compound annual growth rate (CAGR) of 18.7% from 2018 to 2023.

The global market for LMS in education sector should grow from \$1.4 billion in 2018 to \$3.1 billion by 2023 at a CAGR of 17.2% from 2018 to 2023.

The global market for LMS in IT and telecom sector should grow from \$592.6 million in 2018 to \$1.5 billion by 2023 at a CAGR of 20.7% from 2018 to 2023.

Report Scope:

This research study includes market information on LMS and its key segments, including end users, deployment models, industries and regions.

Applications of LMS solutions for different industries is the core market segment in the report and covers BFSI, retail, healthcare, manufacturing, government, IT and telecom, education, professional services and others. Other industries include hospitality, media and entertainment, transportation and the energy sector.

## **IDC FutureScope: Worldwide Financial Services 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345045](http://www.giiresearch.com/ce/345045)

This IDC Financial Insights study presents the top 10 predictions for the financial services industries. Each prediction is shaped by a common set of key drivers that provides a planning tool for technology leaders and their line-of-business counterparts to use in their IT strategic planning efforts. The challenges of the industry today continue to be shaped by trying to match fintech innovations, meet customer expectations, and protect the brand while resources are scarce and regulatory burdens persist. According to Marc DeCastro, research director, IDC Financial Insights, "The digital lifestyle of the customer has forever changed how financial institutions understand, build, interact, and deliver services while providing a true omni-experience. The predictions in this study are a culmination of the tenets of our research over the past few years. Innovation has reached the point of disruption for financial service firms of all sizes and geographic locations. Driving this growth are advances in platform solutions, open APIs and connected sourcing, artificial intelligence, IoT and robotics, and solutions aimed at improving risk exposure."



## **IDC FutureScape: Worldwide Imaging, Printing, and Document Solutions 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345081](http://www.giiresearch.com/ce/345081)

This IDC study provides IDC's top 10 predictions for imaging, printing, and document solutions for 2019 and beyond. "An overarching theme of IDC's predictions for the imaging, printing, and document solutions market is that transformation is inevitable," says Keith Kmetz, IDC's program vice president for Imaging, Printing, and Document Solutions Research. "While this market is massive and serves a mission-critical function within businesses of all sizes and geographies, the ongoing market transition demonstrates the need for buyers to rethink their traditional approach to print procurement as it relates to the organizational vision for business information, regardless of paper or digital format."

## **IDC FutureScape: Worldwide Telecommunications 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345095](http://www.giiresearch.com/ce/345095)

This IDC study offers IDC's top 10 predictions that will impact the enterprise networking sectors as they implement digital transformation (DX). The goal is to provide CIOs with the most important issues they should be considering as they chart their networking road map over the next several years. This study provides guidance on the required investments in key areas such as edge computing, 5G, virtual networking, and other services critical to implementing a digital infrastructure. The communications network is an indispensable foundation of the enterprise DX road map. "To implement competitive services that facilitate dynamic, reliable engagement with customers and partners, enterprises require a reliable, robust, and flexible networking infrastructure. Enterprises should be leveraging best-of-breed emerging technologies including SD-WAN and virtual networking services," said Courtney Munroe, GVP, Worldwide Telecommunications Research, at IDC.

## **United States Federal Communications Commission Small Wireless Facilities Legislative Analysis 2018, 1st Edition**

Published by EJI Wireless Research

Pub. Date 2018/10/31

Price

USD 3750 Single user license, PDF file

[www.giiresearch.com/ce/743955](http://www.giiresearch.com/ce/743955)

This report provides a comprehensive analysis of the FCC's 5G FAST Plan, Report & Orders, and Declaratory Rulings in the United States. This report covers the vendor and antenna type market share for 2016-2017 shipments as well as a forecast for 2018- 2022. The report covers the following outdoor small cell antenna types:

### Features

- Analysis of FCC 09-99
- Analysis of FCC 17-153
- Analysis of FCC 18-30
- Analysis of FCC 18-133
- Overview of State Level Small Cell Legislation
- Analysis of FCC 14-153
- Analysis of FCC 17-154
- Analysis of FCC 18-111
- Analysis of U.S. Senate Bill S.3157

## **IDC FutureScape: Worldwide Mining 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345078](http://www.giiresearch.com/ce/345078)

*This IDC study contains the outlook of IDC Energy Insights' analyst team for the worldwide mining industry for 2019-2023. The outlook is presented through the lens of the 10 predictions that make up, in IDC Energy Insights' view, the framework for IT and line-of-business (LOB) decision makers and influencers' technology-related initiatives in the year ahead. "In 2017, the mining sector was understanding DX; in 2018, it happened. Digital-led transformation is now on the agenda for mining companies across the industry. However, challenges still remain in bringing together traditionally siloed functions. Mining companies must tackle the need for consistent, company-level strategy and direction and be clear about what that strategy setting tells them about how their business needs to be operated, measured, and organized. Without this focus, companies will not be in a position to take advantage of the potential value that digitally transforming presents," says Emilie Ditton, associate VP, IDC Energy Insights.*

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## **IDC FutureScape: Worldwide Intelligent ERP 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/574558](http://www.giiresearch.com/ce/574558)

*This IDC study provides IDC's 2019 top 10 predictions for intelligent ERP systems and intelligent enterprise applications. "Intelligent ERP and intelligent enterprise applications are changing businesses' reliance on technology, moving from a transactional data repository to a substantial, proactive, outcome-based resource to the organization. Businesses can now view and interact with their organization in real time; ask questions such as what, where, when, how, and why; and predict alternative outcomes to mitigate risk. Intelligent enterprise systems enable greater productivity and profitability and the opportunity for more revenue as businesses become more agile and flexible and an intelligent enterprise," said Mickey North Rizza, program VP, Enterprise Applications and Digital Commerce, at IDC.*

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**Global Blockchain in Agriculture and Food Market: Focus on Stakeholders, Regulations, Application (Supply Chain Tracking, Finance Management, Data Management, and Land and Property Ownership) and Regional Adoption - Analysis & Forecast 2018-2028**

Published by BIS Research Inc.

Pub. Date 2018/10/31

Price

USD 5000 Unprintable PDF by E-mail (Single User License) ~

USD 8000 Printable PDF and Excel by E-mail (Enterprise-wide License)

[www.giiresearch.com/ce/740508](http://www.giiresearch.com/ce/740508)

Since the early 2000s, the global agricultural industry has witnessed a massive transformation owing to the increasing demand for sustainable farming practices. Rising global population and high-income growth in urban population have resulted in growing concerns of food security across the world. Various agricultural start-ups and technology innovators are developing numerous sustainable farming systems. One of the most disruptive technologies in the field of smart agriculture has been the digitization of supply chain. Since 2013, agri-food industry's interest in blockchain has rapidly evolved with multiplying pilot projects and companies dedicated to the swift development of technology. The advantages of blockchain technology for agriculture widely range from farmers to retailers to traders and to food companies. Eminent technology companies are striking collaborations with global logistics firms, food producers and retailers to develop effective applications of blockchain in agriculture and food sector to ensure improved data management, reduced transaction costs, augmented logistics, and robust food safety and traceability protocols.

**IDC FutureScape: Worldwide 3D Printing 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383626](http://www.giiresearch.com/ce/383626)

This IDC study provides IDC's 2019 top 10 predictions for 3D printing. "The 3D printing market continues to advance with new price/performance levels achieved on an ongoing basis," says Keith Kmetz, IDC's program vice president for Imaging, Printing, and Document Solutions. "The result of this market evolution is that new applications satisfied by 3D printing are either recently available or expected to be available in the near future. The end result is that 3D printing is part of a technology ecosystem that is fueling substantial digital transformation (DX) activity."

TABLE OF CONTENTS

- IDC FutureScape Figure
- Executive Summary
- IDC FutureScape Predictions
- Advice for Technology Buyers
- External Drivers: Detail
- Learn More

## **Self-Powering Smart Cities 2018-2028**

Published by IDTechEx Ltd.

Pub. Date 2018/10/31

Price

USD 5495 PDF Download (1-5 Users) ~

USD 8495 PDF Download (6-10 Users) and 1 Hardcopy

[www.giiresearch.com/ce/735792](http://www.giiresearch.com/ce/735792)

The new 140+ page IDTechEx report, "Self-Powering Smart Cities 2018-2028" has a host of new infograms, forecasts, roadmaps and technology comparisons embracing activities of no less than 241 organisations. It is intended for distributed energy technology developers and users, property, road and campus developers, electricity utilities, urban planners, legislators and architects. Learn how we have entered a golden age where beautiful and sometimes invisible Building Integrated Photovoltaics BIPV is a practicality rather than an expensive dream. A host of new technologies are assessed in depth, some invisibly retrofittable like photovoltaic window coating and glass that powers its own electrically-operated darkening for privacy and climate control. This hugely increases the addressable markets. We show how this can be on a national grid, using the grid merely as back up or fully off grid.

## **Multi-Terabit Switch Chips & Software**

Published by Heavy Reading

Pub. Date 2018/10/31

Price

USD 2495 PDF By E-mail (Includes Corporate Access)

[www.giiresearch.com/ce/737662](http://www.giiresearch.com/ce/737662)

Cloud-based services and the data centers required to deliver those services are driving strong demand for high-performance switch chips that can handle up to 12.8 Tbit/s in a single device. Following significant investment over the past five years, there are now more companies than ever before with competitive Ethernet switch chips. The market is rapidly moving to 100 Gbit/s connections within large data centers, but there is still a strong market for Ethernet switch chips with large numbers of 10 Gbit/s and 25 Gbit/s ports. The industry is now preparing for the move to 200 Gbit/s and 400 Gbit/s with the first switch devices in production and the first systems introduced.

Software developers have introduced enhanced network operating systems and stacks with support for software-defined networking (SDN) that will run on a wide range of hardware platforms. This development has given network operators an alternative to the software provide by switch system manufacturers. Several switch chip vendors and switch manufacturers have developed switch chips and systems that can be easily programmed through open software interfaces or using open packet processing languages, such as Programming Protocol-Independent Packet Processors (P4).

## **Managed Services Market by Service Type (Managed Security Services, Managed Network Services, Managed IT Infrastructure and Data Center Services), Vertical, Organization Size, Deployment Type, and Region - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/10/31

Price

USD 7150 PDF by E-mail (Single User License) ~

USD 11000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/324077](http://www.giiresearch.com/ce/324077)

The global managed service market is expected to grow from USD 180.5 billion in 2018 to USD 282.0 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 9.3% during the forecast period. The managed services size is driven by various factors, such as the increasing dependence of organizations on IT assets to enhance their business productivity and the need for specialized managed service providers who can offer cost-effective managed services. However, the increasing number of compliances and regulations among different regions can hinder the growth of the market.

The managed encryption segment is expected to grow at the highest CAGR during the forecast period

In recent years, the importance of information security has grown many folds. The rising number of cybercrimes are challenging organizations to upkeep data security, and growing threat landscapes have made it difficult for organizations to manage security considerations by themselves. To combat with these situations, organizations are taking the help of managed service providers who can provide advanced information protection measures against frauds and security breaches.

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## **Best Practice Strategies to Minimise Losses to Digital Competitors**

Published by Mobile Market Development Ltd

Pub. Date 2018/10/31

Price

USD 2800 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/736646](http://www.giiresearch.com/ce/736646)

Mobile operators are facing increasing competition from digital organisations that are exploiting the availability of large quantities of customer and usage data by using social media and digital technologies such as machine learning and AI to the full. Unless MNOs can compete successfully, they risk losing customers to them.

To prevent losses of customers to these digital competitors, MNOs need to do more than deploy established and proven marketing and customer experience strategies and techniques. Instead, to compete directly with digital players, MNOs will have to learn to employ the same techniques to become digital organisations themselves.

Using examples of existing digital services and potential enhancements, this report looks at best practice in the creation and deployment of digital services that appeal to MNO customers and will encourage them to stay with their MNOs. It also reviews the continuing importance of excellent customer experience and effective marketing.

## **Global Swarm Intelligence Market: Focus on Platform and Algorithm Model - Analysis and Forecast, 2018-2028**

Published by BIS Research Inc.

Pub. Date 2018/10/31

Price

USD 5000 Unprintable PDF by E-mail (Single User License) ~

USD 8000 Printable PDF and Excel by E-mail (Enterprise-wide License)

[www.giiresearch.com/ce/740507](http://www.giiresearch.com/ce/740507)

The global swarm intelligence market is expected to witness significant growth during the forecast period 2018-2028 due to the rising demand from drone and robot applications across various industries including commercial, and military, among others. The increasing number of drones for defense and need for higher efficiency are some of the key drivers for the growth of the global swarm intelligence market.

The rising demand of swarms in autonomous vehicles and swarm intelligence for parcel delivery through drones are some of the future opportunities. The global swarm intelligence market has been classified into three platforms: robot swarm, drone swarm, and human swarm. Drone swarm market is expected to have the highest growth rate during the forecast period 2018-2028 due to the extensive demand from commercial and military end-users. Furthermore, the global swarm intelligence market has been classified into three different algorithm models including Ant Colony Optimization (ACO), Particle Swarm Optimization (PSO), and Others (Artificial Fish Swarm Algorithm and Bee based Algorithms).

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## **IDC FutureScape: Worldwide Enterprise Infrastructure 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345079](http://www.giiresearch.com/ce/345079)

This IDC study provides IDC's top 10 predictions for enterprise infrastructure for 2019 and beyond. "Digital transformation initiatives continue to accelerate IT spend in newer areas, with the goal of modernizing enterprise infrastructure, making it capex friendly, and agility and elasticity needed to service real-time business demands," said Ashish Nadkarni, group vice president at IDC's Infrastructure Systems, Platforms, and Technologies.

### TABLE OF CONTENTS

- IDC FutureScape Figure
- Executive Summary
- IDC FutureScape Predictions
- Advice for Technology Buyers
- External Drivers: Detail
- Learn More

## **Global NRF24L01 Industry Research Report, Growth Trends and Competitive Analysis 2018-2025**

Published by QYResearch

Pub. Date 2018/10/31

Price

USD 5600 PDF by E-mail (Single User License) ~

USD 11200 PDF by E-mail (Enterprise Wide License)

[www.giiresearch.com/ce/738672](http://www.giiresearch.com/ce/738672)

The NRF24L01 market was valued at Million US\$ in 2017 and is projected to reach Million US\$ by 2025, at a CAGR of during the forecast period. In this study, 2017 has been considered as the base year and 2018 to 2025 as the forecast period to estimate the market size for NRF24L01.

This study focuses on the production side and consumption side of NRF24L01, presents the global NRF24L01 market size by manufacturers, regions, type and application, history breakdown data from 2013 to 2018, and forecast to 2025.

In terms of production side, this report researches the NRF24L01 capacity, production, value, ex-factory price, growth rate, market share for major manufacturers, regions (or countries) and product type.

In terms of consumption side, this report focuses on the consumption of NRF24L01 by regions and application. The key regions like North America, Europe, Asia-Pacific, Central & South America, Middle East and Africa etc.

## **IDC FutureScape: Worldwide Manufacturing Product and Service Innovation 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345077](http://www.giiresearch.com/ce/345077)

This IDC study provides IDC's top 10 predictions for manufacturing product and service innovation for 2019 and beyond. "Engineering and R&D teams also realize that to increase their product's success rate, they must work with an extended internal business and technical team, as well as suppliers and partners, on a digital innovation platform, not simply a PLM system. These teams must also consider demand and customer data at an early stage of product planning and ideation to complement the work they already do, getting input from a select group of customers. Taking this unified, service-oriented, demand-driven approach to innovation will enable them to work faster, deliver quality products more consistently, and more accurately understand customer needs," said Jeff Hojlo, program director, Product Innovation Strategies at IDC. "Rising expectations from customers are not a new phenomenon. However, manufacturers have a new sense of urgency to react as competition for these customers becomes fiercer. No longer is the manufacturer the only provider for service on equipment. To extend relationships with customers beyond the sale of equipment or a product, manufacturers must innovate the services they offer to customers. To transform the service business, manufacturers will need to leverage technology and innovation accelerators such as machine learning and artificial intelligence to better understand customers, deliver customized service experiences, and predictively resolve issues," said Aly Pinder, program director, Service Innovation and Connected Products.

**IDC FutureScape: Worldwide Manufacturing 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345074](http://www.giiresearch.com/ce/345074)

*This IDC study provides manufacturers with our top 10 predictions for 2019. According to Reid Paquin, research director, IT Priorities and Strategies, IDC Manufacturing Insights, "The manufacturing industry continues to evolve. Digital transformation is a discussion that has touched every part of the value chain. No matter if you work in design, the supply chain, operations, or service, the adoption of digital capabilities to create business value has become critical to success. Our predictions create a framework for IT and line-of-business executives to plan and execute technology-related initiatives in the years ahead."*

**IDC FutureScape: Worldwide Supply Chain 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/383627](http://www.giiresearch.com/ce/383627)

*This IDC study provides manufacturers and retailers with the top 10 predictions and underlying drivers that we expect to impact manufacturers' IT investments in the supply chain in 2019 and beyond. According to Simon Ellis, program vice president, global Supply Chain Strategies, "The supply chain continues on its journey of almost unparalleled levels of change. Digital transformation is now the overriding priority for most manufacturers and retailers, with the adoption of digital technologies aimed at improving efficiency and effectiveness as well as providing the opportunity to either disrupt their market segment or be resilient to others that may try."*

**IDC FutureScape: Worldwide Retail 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345088](http://www.giiresearch.com/ce/345088)

*This IDC study explores how different drivers are collectively impacting technology in the retail industry and offers guidance on actions to consider. Retail organizations are hard pressed in the new digital era to respond to a wide range of political, economic, social, cultural, technological, legal, and experiential forces. These forces alongside ever-expanding data assets, increasing market pressures, sweeping regulations, and changes in the global populace and in consumer expectations for experiential retail call for the industry to act in innovative ways that meet rising expectations, improve outcomes, and deliver value. "The 2019 worldwide retail industry predictions offer a glimpse into the future of the retail industry as it is being transformed in the new digital era," says Leslie Hand, vice president, IDC Retail Insights. "The future belongs to visionary leaders and forward-thinking organizations that are able to break the shackles of legacy systems and accelerate mastering digital-first strategies. The thrivers will be those that champion data-driven, experiential, and personalized approaches to experiential retail business and IT."*



**IDC FutureScape: Worldwide Mobility 2019 Predictions**

Published by IDC

Pub. Date 2018/10/31

Price

USD 4500 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/345080](http://www.giiresearch.com/ce/345080)

*This IDC study for the 2019 mobility market provides our global team's view on some of the key topics we expect to affect businesses over the next few years. Some of the topics we raise in this year's IDC FutureScape are: Business-transforming services based on emerging 5G network features Artificial intelligence (AI) seeping into all aspects of mobile device functions Heightened mobile security awareness Integration of mobility deeper into fabric of society: homes, personal finance, and identity New as-a-service models for the delivery of mobile technology "Mobility has become such an underlying component of daily life, enterprise computing, and business operations, it can be difficult for IT decision makers to imagine what new device, application, security, and market developments will look like in the near and long term," says Phil Hochmuth, program director, Enterprise Mobility at IDC. "As the mobility market matures, IDC's mobility team is looking ahead to technologies such as AI, AR/VR, blockchain, advanced security features, and new delivery and service models, and how these developments will reshape the acquisition, deployment, and management of mobile technology in the enterprise."*

**WorldWide Retail IT Hardware Market**

Published by IHL Group

Pub. Date 2018/10/30

Price

USD 4995 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/737735](http://www.giiresearch.com/ce/737735)

*IHL has been advising the hospitality community (vendors, restaurants, managed services providers and others) since 1996 in the industry-specific information technology evolution and strategy.*

*Over the years we've amassed a tremendous amount of primary- and secondary-source data through first hand consulting experience in this pursuit. From this ever-growing knowledge base, offerings like our Sophia Data Service , The Worldview IT Sizing Forecast Model as well as custom research projects have been developed and successfully launched.*

*This particular report looks at the overall Retail Hardware Market Worldwide.*

*Who are the real leaders? What are the real rankings? Who are the leaders in the Retail Hardware market? Which vendors are leading in sales, innovation, market reach and can implement a complete Unified Commerce approach with a single view of the customer? It's all here.*

*Companies are encouraged to use these charts in discussions with their vendor partners. It is our intent that they provide unique insights into vendor strategy and provide thought-provoking questions as we all move though and prosper in the Era of Intentional Innovation.*

## **Central and Eastern Europe Telecoms Market: Trends and Forecasts 2018-2023**

Published by Analysys Mason

Pub. Date 2018/10/30

Price

USD 7999 PPTX, PDF and Excel by E-mail (Single User License)

[www.giiresearch.com/ce/554059](http://www.giiresearch.com/ce/554059)

Telecoms service revenue in Central and Eastern Europe (CEE) will increase during the forecast period, supported by a more positive economic outlook. Mobile data revenue and fixed broadband deployments will remain key areas for retail revenue growth. The growth in retail revenue from mobile data (supported by improved LTE network coverage, LTE-A speeds and capacity upgrades) will be particularly crucial for the total telecoms revenue growth.

This report and associated data annex provide:

- a 5-year forecast of more than 330 mobile and fixed KPIs for CEE, as a whole and for 16 key countries
- an in-depth analysis of the trends, drivers and forecast assumptions for each type of mobile and fixed service, and for the key countries
- an overview of operator strategies and country-specific topics, in order to highlight similarities and differences by means of a cross-country comparison
- a summary of results, key implications and recommendations for mobile and fixed operators.

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## **Global Digital Educational Publishing Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/30

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/324999](http://www.giiresearch.com/ce/324999)

Digital educational publishing refers to the publishing of academic and educational books, magazines, and journals in the digital format through electronic or online methods.

Technavio's analysts forecast the Global Digital Educational Publishing Market to grow at a CAGR of 11.80% during the period 2019-2023.

Covered in this report

The report covers the present scenario and the growth prospects of the global digital educational publishing market. To calculate the market size, the report considers the revenue generated from the sales of digital educational publications, including e-book, e-magazines, e-journals, and e-papers.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, global digital educational publishing market 2019-2023, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

## **Growth Opportunities in the Global Medical Imaging Artificial Intelligence Market, Forecast to 2022**

Published by Frost & Sullivan

Pub. Date 2018/10/30

Price

USD 4950 Web Access (Regional License)

[www.giiresearch.com/ce/739372](http://www.giiresearch.com/ce/739372)

Artificial Intelligence (AI) for medical imaging is a reality now. While image analysis applications are the most advanced, adopted, and well-known, there are several other use cases which are probably not as well-known or thought of. Applications across the imaging workflow, beginning with the ordering of images by a physician, scheduling of the scans, image acquisitions, assignment of the studies, viewing those studies, analyzing (or the aforementioned image analysis example), interpreting, deciding, reporting, and follow-up can all benefit from using AI. However, all these applications lie in the clinical side of medical imaging; AI can have preclinical applications as well that aim to serve the medical research aspects of healthcare (imaging biomarker validations or patient-matching for clinical trials, for example).

We segment the market applications into image analysis (which is the most dominant area), cognitive applications (which deal with non-pixel data-related AI), machine intelligence (or 'smart' medical imaging equipment), and research and development services around AI solutions for providers and other business-to-business vendors.

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## **Worldwide Developer Forecast, 2018-2022: Asia/Pacific and Americas Lead Strong Growth of Worldwide Developer Population**

Published by IDC

Pub. Date 2018/10/30

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738779](http://www.giiresearch.com/ce/738779)

This IDC study is a top-down analysis of the number of full-time, part-time, and nonprofessional software developers in the world from 2017 to 2022. The number of software developers is important for a variety of resource allocation and investment decisions and because they are the gating factors to addressable market calculations for many software and IT services providers. "IDC estimates that the number of developers worldwide will rise from 21.25 million in 2017 to 27.40 million in 2022," said Arnal Dayaratna, research director, Software Development at IDC. "During this time period, Asia/Pacific will grow fastest with a five-year CAGR of 5.89%, while the Americas and EMEA have corresponding CAGRs of 5.84% and 3.76%. Part-time developer growth has a CAGR of 7.43% while full-time developer growth has a CAGR of 4.48%. The rapid growth of the worldwide segment of part-time developers underscores how developer demographics will increasingly feature part-time developers that are empowered to develop applications because of increased DevOps adoption as well as the maturation of low-code and no-code development tools."

**TV & OTT: Consumer Demand for Original Content**

Published by Parks Associates

Pub. Date 2018/10/30

Price

USD 7500 PowerPoint File By E-mail (Corporate License - One Location)

[www.giiresearch.com/ce/735749](http://www.giiresearch.com/ce/735749)

Original content has emerged as a key market differentiator for OTT services as content providers like Netflix, Amazon, and Hulu aim to function more as film and television studios. Original sport-form content is also emerging as a valuable marketing tool to build audiences and drive awareness. This report assesses the consumer perception of originals in the television and OTT video space and determines the effectiveness of originals in attracting customers to subscription or ad-based video services.

Table of Contents

- Original Content Options: Pay TV Premium Channels and OTT Video
- Drivers for Content Preferences and Service Use
- Original Content as a Driver for Service Use
- Consumer Perception of Content Quality
- Frequency of Content Viewing: Original, New Release, and Older Content
- Original Content Lovers in Focus
- Original Content Genre Preferences

**Blockchain for Connected Home and Entertainment**

Published by Parks Associates

Pub. Date 2018/10/30

Price

USD 3500 PDF by E-mail (Corporate License - One Location)

[www.giiresearch.com/ce/602840](http://www.giiresearch.com/ce/602840)

This report defines blockchain as it relates to the connected consumer and explores its viability and applications with the connected home ecosystem. It explores blockchain applications for smart home and connected entertainment use cases, including data security, identity authentication, and content protections, and its potential impact on consumer confidence in the IoT. The report also profiles companies investing in blockchain technologies and developed innovative blockchain solutions.

Table of Contents

- 1.0 Report Summary
- 2.0 What is Blockchain?
- 3.0 Blockchain Opportunities in Connected Consumer Markets
- 4.0 Adoption and Implementation of Blockchain
- 5.0 Success Factors for Implementing Blockchain for Consumer Markets
- 6.0 Appendix

## **AI, Machine Learning, and Data Analytics in the Smart Home**

Published by Parks Associates

Pub. Date 2018/10/30

Price

USD 3500 PDF by E-mail (Corporate License - One Location)

[www.giiresearch.com/ce/599061](http://www.giiresearch.com/ce/599061)

*It is widely acknowledged that the real value from the Internet of Things will be derived from data. Data analytics firms across all vertical markets in the connected home are providing solutions to help companies extract value from data. This report highlights different approaches, AI technologies being implemented, and the associated challenges. It also covers applications that are providing value and company profiles of leading data analytics firms.*

Table of Contents

- 1.0 Report Summary
- 2.0 Beyond Connected to a Smarter Home
- 3.0 Value Chain of Artificial Intelligence Tools
- 4.0 AI Applications in Smart Home Vertical Markets
- 5.0 Implications and Recommendations
- 6.0 Appendix

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## **Government & Military Satellite Communications, 15th Edition**

Published by Northern Sky Research, LLC

Pub. Date 2018/10/30

Price

USD 4495 PDF by E-mail (Standard License: Up to 5 Computers) ~

USD 8495 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/222819](http://www.giiresearch.com/ce/222819)

*NSR's Government & Military Satellite Communications, 15th Edition is the industry-leading report focused commercial satellite connectivity services for government and military markets. In its 15th edition, this report continues to provide definitive insights into this rapidly changing market. Covering all core opportunities, the report explores the interplay of MILSATCOM vs. COMSATCOM acquisitions, the role of X- and Ka-bands, and other core trends impacting players in the sector. Cutting across bulk leasing to the latest Unmanned Aircraft Systems, this latest NSR report offers the clearest picture of the opportunities within Gov & Mil SATCOM Markets.*

*As consolidation occurs amongst service providers, the U.S. Government is exploring streamlining satellite connectivity acquisition, and commercial sectors are preparing for the Non-GEO HTS revolution. All these trends have real-world impacts across the value-chain, from where to spend R&D resources to what capacity to consider leasing. With spending on defense on the rise across the globe, satellite connectivity services will be a key component of a sensor-fused, highly connected operational environment of tomorrow.*

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**The Digitally Determined Utility**

Published by IDC

Pub. Date 2018/10/30

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/738778](http://www.giiresearch.com/ce/738778)

*This IDC Perspective discusses the divide that is developing between utilities that are digitally transforming and those that are struggling with a series of challenges such as KPIs, funding, and organizational alignment. IDC's research shows that 41% of utilities worldwide are making the strategic, organizational, technological, and financial decisions that will set them up to digitally transform their organization in the next years. We refer to these organizations as "digitally determined." According to Roberta Bigliani, vice president, IDC Energy Insights, IDC Government Insights, and IDC Health Insights, "Whether your company is digitally distraught or digitally determined, you are just at the beginning of a profound transformation journey. If you do it right, you will deliver value to customers, employees, shareholders, and the entire society."*

**Global Communications Test and Measurement Market, Forecast to 2022**

Published by Frost & Sullivan

Pub. Date 2018/10/30

Price

USD 4950 Web Access (Regional License)

[www.giiresearch.com/ce/739369](http://www.giiresearch.com/ce/739369)

*The high demand for data and lower latency from applications such as video streaming, financial trading, Internet of Things (IoT), connected cars, Big Data, and data analytics is requiring advancements in network devices and infrastructure.*

*The Test and Measurement (T&M) market in communications is thus, driven by the need to test and validate the performance of the communication infrastructure throughout various phases of the product lifecycle, across different end users. While the common goal is to provide enhanced customer experience, different end users-Network Equipment Manufacturers (NEMs), service providers, chipset suppliers, and enterprises have different objectives to achieve. Hence, the demand for test and measurement solutions vary significantly from each end user. Even within each end-user segment, the requirement for T&M solutions varies based on the application-Research and Development (R&D), manufacturing, installation, and maintenance and monitoring-as development and deployment demands vary. This research service, focuses on understanding the market dynamics from an end-user perspective.*

## **Global Blockchain Technology in Energy Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/30

Price

USD 2500 PDF by E-mail (Single User License) ~

USD 5000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/738848](http://www.giiresearch.com/ce/738848)

*The blockchain technology is a cryptographically managed, distributed ledger system offered by vendors to enterprises engaged in the energy sector.*

*Technavio's analysts forecast the Global Blockchain Technology in Energy Market to grow at a CAGR of 65.34% during the period 2019-2023.*

*Covered in this report*

*The report covers the present scenario and the growth prospects of the global blockchain technology in energy market. To calculate the market size, the report considers the revenue generated from the adoption of blockchain technology.*

*The market is divided into the following segments based on geography:*

- Americas
- APAC
- EMEA

*Technavio's report, global blockchain technology in energy market 2019-2023, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.*

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## **Global Smart Electric Meter Market Forecast 2019-2027**

Published by Inkwood Research

Pub. Date 2018/10/29

Price

USD 2500 PDF (Single User License) ~

USD 4500 PDF (Enterprisewide License)

[www.giiresearch.com/ce/734673](http://www.giiresearch.com/ce/734673)

The global smart electric meter is expected to grow with CAGR of 4.45% during the year 2019-2027. The rising need for energy conservation products and services is propelling the smart electric meter market's growth.

### MARKET INSIGHTS

The global smart electric meter market is segmented on the basis of technology and application. The market, by its application, is further sub-segmented into residential, commercial and industrial and the market by technology is further sub-segmented into AMI and AMR. The fastest growing segment by technology is AMI. However, escalating costs of the installation and maintenance are major restraints for the smart electric meter market.

### REGIONAL INSIGHTS

The Asia Pacific is the largest and the fastest growing region. China accounts for almost half of the global smart electric meter market. India also seems to be a highly untapped market. It is also a big area geographically with a huge economy and its electric consumption on the rise. This is the main reason why the Asia Pacific region is the largest market globally.

### COMPETITIVE INSIGHTS

Key players in the global smart electric meter market are Abb Ltd., Aclara, Genus Power Infrastructure, Holley Tech Uk, Honeywell (Elster), Iskraemeco, Itron, Jiangsu Linyang, Landis+Gyr (Toshiba Corporation), Microchip Technology, Networked Energy Services, Schneider Electric, Siemens Ag and Wasion Group.

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## **Developments and Opportunities for Facial Recognition Technology in the Smart Retail, Transport, Financial Services, and Automotive Applications Industry**

Published by MIC - Market Intelligence & Consulting Institute

Pub. Date 2018/10/29

Price

USD 5000 PDF by E-mail (Single user license)

[www.giiresearch.com/ce/735787](http://www.giiresearch.com/ce/735787)

Facial recognition technology has been commercialized since the late 1990s. However, it did not quite get the attention it deserved until the September 11 attacks. Since then, market demand for advanced human-machine interaction interfaces soared in national security and personal property security in light of the rising awareness on anti-terrorism, the change in economic activities from traditional offline transactions to e-commerce and the lifestyle evolution which now craves for smart living. This report provides an overview of the facial recognition development in the smart retail, transport, financial services, and automotive application industry; examines advantages and disadvantages of the technology in the abovementioned industries; highlights the use cases and applications that have the highest growth potential in driving the implementation of facial recognition in these four industries.

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## **Video and Identity Platforms: Worldwide Market Shares 2017**

Published by Analysys Mason

Pub. Date 2018/10/29

Price

USD 7999 PPTX and PDF (Single User License)

[www.giiresearch.com/ce/734653](http://www.giiresearch.com/ce/734653)

*"In 2017, the VIP market grew by 1%, driven by operators' aim to increase automation and time to market with cloud and NFV-based solutions, extend into IoT services and stay competitive in the TV and video services market."*

*This report assesses which vendors are leading in the video and identity platforms (VIP) market for the telecoms industry, and provides profiles of the leaders and their challengers. The VIP market grew by 1% in 2017, despite a decline in the overall non-NFV/SDN telecoms software market, as video and identity management systems are among the key investment areas for communications service provider (CSP) digital and network transformations to prepare for cloud-native, automated 5G network services.*

*This market share report provides:*

- detailed market share data for the video and identity platforms software systems market overall, as well as three sub-segments:*
- a summary of key developments in the market overall and in each sub-segment*
- detailed profiles of 13 vendors in this market, and summaries of other players.*

## **Network Automation and Orchestration: Worldwide Market Shares 2017**

Published by Analysys Mason

Pub. Date 2018/10/29

Price

USD 7999 PPTX and PDF by E-mail (Single User License)

[www.giiresearch.com/ce/734654](http://www.giiresearch.com/ce/734654)

*"The major NEPs led the NAO market in 2017 due to their strong positions in NMS and NCO, and a market preference for bottom-up, engineering-led approaches to network automation."*

*This report assesses which vendors led the USD7.4 billion market for network automation and orchestration (NAO) products and professional services. This market is split into network control and orchestration (NCO), which includes WAN SDN, network orchestration and virtual infrastructure management (VIM) sub-segments and element and network management systems (EMS/NMS). The overall NAO spend remains driven by EMS/NMS, but spending is rapidly shifting towards the three sub-segments of NCO as network and service automation become priorities for communications service providers (CSPs).*

*This market share report provides:*

- detailed market share data for the network automation and orchestration software systems market overall, as well as two sub-segments:*
- a summary of key developments in the market overall and in each sub-segment*
- detailed profiles of 17 vendors in this market, and summaries of other players.*

## **Asia/Pacific (Excluding Japan) Manufacturing IT Applications Forecast, 2017-2022**

Published by IDC

Pub. Date 2018/10/29

Price

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[www.giiresearch.com/ce/738757](http://www.giiresearch.com/ce/738757)

*This IDC study presents a five-year forecast for the APEJ manufacturing IT applications industry as of October 2018. It reviews and analyzes the market context, including both drivers and inhibitors of IT application growth; highlights significant market developments; provides the best estimates of IT spending and forecast by key segment; and offers advice to technology suppliers on how to drive opportunities. "The massive IT spend in the Asia/Pacific manufacturing sector indicates the changing priorities of organizations in terms of investments catered toward the emerging technologies and the role they play in generating the much-needed visibility across the complete value chain," says Sampath Kumar Venkataswamy, research manager, IDC AP Manufacturing Insights.*

## **Western Europe Telecoms Market: Trends and Forecasts 2018-2023**

Published by Analysys Mason

Pub. Date 2018/10/29

Price

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[www.giiresearch.com/ce/337314](http://www.giiresearch.com/ce/337314)

*"Broadband competition is intensifying as operators race to roll out FTTP infrastructure."*

*Operators across Western Europe (WE) are competing to roll out FTTP infrastructure, and to be the first to launch 5G mobile services. However, these new networks will be unlikely to boost revenue in most cases, and the increased competition brought by alternative access networks will put further pressure on prices.*

*This report provides:*

- a 5-year forecast of more than 330 mobile and fixed KPIs for Western Europe, as a whole and for 16 key countries
- an in-depth analysis of the trends, drivers and forecast assumptions for each type of mobile and fixed service, and for key countries
- an overview of operator strategies and country-specific topics, in order to highlight similarities and differences by means of a cross-country comparison
- a summary of results, key implications and recommendations for mobile and fixed operators.

## **Artificial Intelligence: Applications and Global Markets**

Published by BCC Research

Pub. Date 2018/10/29

Price

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USD 9504 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/738748](http://www.giiresearch.com/ce/738748)

The global market for learning management systems (LMS) should grow from \$5.1 billion in 2018 to over \$12.0 billion by 2023 at a compound annual growth rate (CAGR) of 18.7% from 2018 to 2023.

The global market for LMS in education sector should grow from \$1.4 billion in 2018 to \$3.1 billion by 2023 at a CAGR of 17.2% from 2018 to 2023.

The global market for LMS in IT and telecom sector should grow from \$592.6 million in 2018 to \$1.5 billion by 2023 at a CAGR of 20.7% from 2018 to 2023.

Report Scope:

This research study includes market information on LMS and its key segments, including end users, deployment models, industries and regions.

Applications of LMS solutions for different industries is the core market segment in the report and covers BFSI, retail, healthcare, manufacturing, government, IT and telecom, education, professional services and others. Other industries include hospitality, media and entertainment, transportation and the energy sector.

## **Telepresence Robot Market by Component (Head (Camera, Display, Speaker, and Microphone) and Body (Power Source and Sensor & Control system)), Type, Application (Education, Healthcare, Enterprise, and Homecare), and Geography - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/10/29

Price

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USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/737751](http://www.giiresearch.com/ce/737751)

The telepresence robot market is expected to reach USD 312.6 million by 2023 from USD 145.8 million in 2018, at a CAGR of 16.5%. This growth can be attributed to the enhanced operational efficiency in enterprises due to the virtual meeting, high demand from the healthcare industry, and low cost due to the availability of supporting devices. However, technical complexities leading to operational failures restrict the growth of the telepresence robot market.

Mobile telepresence robots held larger market share in 2017

Mobile telepresence robots accounted for a larger share of the overall telepresence robot market in 2017. These robots can be moved from one place to another. In the consumer sector, especially in-home care, it is widely used owing to its movable feature. Customers can use mobile telepresence robots from any place according to their convenience.

## **Global Smart Speakers Market Forecast 2019-2027**

Published by Inkwood Research

Pub. Date 2018/10/29

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[www.giiresearch.com/ce/734677](http://www.giiresearch.com/ce/734677)

The global CAGR of the smart speaker market is expected to be 24.91% during the forecasted period 2019-2027. Even though it is an emerging market, competition is rising rapidly as companies are coming up with new launches.

### MARKET INSIGHTS

The global smart speaker market is segmented by an intelligent virtual assistant, end users and distribution channel. Intelligent virtual assistant is sub-divided into Alexa, google assistant, Siri and Cortana and others. The end-users segment of global smart speakers market includes personal and commercial. Distribution channel segment includes online and offline channels.

### REGIONAL INSIGHTS

The global smart speaker market is geographically segmented as North America, Europe, Asia-pacific and the rest of the world. The regional structure of the smart speaker market is dominated by the North American region by capturing the largest market share in terms of revenue.

### COMPETITIVE INSIGHTS

Prominent players in the global smart speaker market are Alibaba Group Holding Limited, Alphabet Inc., Amazon.Com Inc., Apple Inc., Bose Corporation, Lg Corporation, Panasonic Corporation, Pioneer Corporation, Plantronics Inc., Samsung Electronics Co. Ltd., Sonos and Xiaomi Corporation.

## **Global Satellite M2M and IoT Network Market: Focus on End User & Frequency Band - Analysis and Forecast, 2018-2023**

Published by BIS Research Inc.

Pub. Date 2018/10/27

Price

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[www.giiresearch.com/ce/736671](http://www.giiresearch.com/ce/736671)

The global satellite M2M and IoT network market is expected to witness significant growth over the forecast period 2018-2023, due to the rising demand of fast and flexible wireless communication across various industries such as transportation and logistics, natural resources, heavy industries, aviation, and government and military. The growing need for secure and high-speed wireless communication and the increasing demand for higher flexibility at low cost are some of the key drivers for the growth of the global satellite M2M and IoT network market.

With the advent of computing, sensing, and communication as a part of fourth technical revolution, usage of advanced technologies has increased drastically to reduce manual interventions. This led to advent of Machine to Machine, abbreviated as M2M and Internet of Things abbreviated as IoT. These two technologies assured the connected ecosystem working based on next generation sensors, cloud platform, telematics, and various other technologies.

## **Global Digital Twin Technology Market Size, Status and Forecast 2018-2025**

Published by QYResearch

Pub. Date 2018/10/26

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USD 3900 PDF by E-mail (Single User License) ~

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[www.giiresearch.com/ce/733527](http://www.giiresearch.com/ce/733527)

The global Digital Twin Technology Market Size will reach 13.45 billion US\$ in 2025, from 1.24 billion US\$ in 2017, with a CAGR of 32.4% during the forecast period.

This report focuses on the global Digital Twin Technology status, future forecast, growth opportunity, key market and key players. The study objectives are to present the Digital Twin Technology development in United States, Europe and China.

The key players covered in this study:

- General Electric
- PTC
- Siemens
- Dassault Systemes
- IBM Corporation
- ANSYS
- Microsoft Corporation
- Oracle Corporation

## **Global Market for Li-Fi Technology: Focus on Components, Applications, Patents, and Country- Analysis and Forecast (2018-2028)**

Published by BIS Research Inc.

Pub. Date 2018/10/26

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USD 8000 Printable PDF and Excel by E-mail (Enterprise-wide License)

[www.giiresearch.com/ce/736672](http://www.giiresearch.com/ce/736672)

With the advent of Li-Fi technology, human brain has given rise to a new phenomenon in the form of Li-Fi or Light Fidelity. Li-Fi, a wireless communication technology, which is expected to enhance the overall experience of the user by its user-friendly interface. With the constantly evolving technologies such as, 5G wireless broadband, and Internet of Things (IoT), among others, Li-Fi technology is bound to expand to many more fields of applications such as healthcare, aviation, retail and education, among others and transform all the major industry verticals present in the world today.

The Li-Fi technology market is expected to grow at a significant rate during the forecast period. This growth can be attributed to the increasing demand of advanced data transmission technology. Furthermore, the rising demand for higher bandwidth and advantages associated with Li-Fi technology and tremendous development in the Research & Development (R&D) for Li-Fi technology to overcome the technical challenges are expected to drive the global market for Li-Fi technology during the forecast period.

## **Global NPM and APM Solutions Market, Forecast to 2022**

Published by Frost & Sullivan

Pub. Date 2018/10/26

Price

USD 4950 Web Access (Regional License)

[www.giiresearch.com/ce/739359](http://www.giiresearch.com/ce/739359)

The global network performance monitoring (NPM) and application performance management (APM) solutions market is well established and is witnessing a period of dynamic growth, with the tools increasing their focus on user experience while maintaining an optimal performance level for the network and application infrastructure. It includes various tasks such as monitoring, troubleshooting, and analyzing an application and network's performances to prevent bottlenecks during server virtualization. The market has been holistically analyzed through two main segments, namely network performance monitoring and application performance management solutions. It has been segmented into three end-user segments, as service providers, enterprises and small and medium businesses (SMBs). With the increasing workloads on both applications and networks, the dynamics of the data centers are changing and becoming more cloud centric to accommodate multiple volumes of distributed file systems and networks, respectively, across different domains. Convergence of large network infrastructures with highly-sensitive cloud and hybrid cloud networks drives the need for next-generation NPM and APM tools.

## **The Global Network Firewall Market, Forecast to 2022**

Published by Frost & Sullivan

Pub. Date 2018/10/26

Price

USD 4950 Web Access (Regional License)

[www.giiresearch.com/ce/739360](http://www.giiresearch.com/ce/739360)

The enterprise network is evolving rapidly with new technologies and business practices such as cloud computing, Software Defined Wide Area Network (SD-WAN), Internet of Things (IoT), and remote and mobile employees. These technologies and practices are eroding the traditional concept of a network security perimeter and generating a plethora of new security gaps for Information Technology (IT) and Information Security (InfoSec) organizations to navigate. As a result, customers are demanding new firewall and Unified Threat Management (UTM) capabilities and features that will help them navigate.

Consequently for vendors of firewall and UTM products, the enterprise segment of the firewall market is poised for strong growth as enterprises seek out new protections such as Secure SD-WAN, Wi-Fi security, and advanced malware sandbox analysis. Integration with leading security tools and support for cloud environments is also generating renewed interest in modern network firewalls.

**Education and Learning Analytics Market by Application (Performance Management, Curriculum Development and Intervention Management, People Acquisition and Retention), Component, Analytics Type, Deployment, End-User, and Region - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/10/26

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/737748](http://www.giiresearch.com/ce/737748)

MarketsandMarkets estimates the global education and learning analytics market to grow from USD 2.6 billion in 2018 to USD 7.1 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 22.6% during the forecast period. The education and learning analytics market is growing rapidly with the rising need for data-driven decisions to improve education quality and transition of education toward mobile learning. However, the lack of awareness and expertise required to manage education analytics solutions would limit the growth of the market.

Curriculum development and intervention management segment is expected to grow at the highest CAGR during the forecast period

Education and learning analytics enables educators and instructors to apply analytical outcomes for formulating curriculum and teaching strategies to effectively support students according to their individual requirements. Analytical tools enable visualization of current student performance and their correlation with various factors affecting a student's performance, thus providing educators with insights to better shape their teaching styles and study materials.

**Perception of vMVPDs/Online Pay-TV Services**

Published by Parks Associates

Pub. Date 2018/10/26

Price

USD 7500 PowerPoint File By E-mail (Corporate License - One Location)

[www.giiresearch.com/ce/726394](http://www.giiresearch.com/ce/726394)

The rise of online pay-TV services (e.g., Sling TV, DIRECTV NOW, PlayStation Vue, Hulu with Live TV, YouTube TV and others) is changing the way that pay-TV services are perceived and offered. This study will measure the perception of online skinny bundle and tiered pay-TV offerings among consumers, including current subscribers and pay-TV service cancellers. The study examines intent to switch from traditional pay TV as well as the winners and losers among traditional pay-TV providers.

Table of Contents

- Pay-TV Penetration and Growth Rates
- Demographic Breakdown: Traditional Pay-TV vs. Online Pay-TV Households
- Online Pay-TV Purchasing Intentions
- Online Pay-TV Perceptions and Satisfaction Ratings
- Online Pay-TV Churn, Cancellation, and Consumer Loyalty

## **Artificial Intelligence Market Ecosystem: 200 Key Players and Industry Participants**

Published by Tractica

Pub. Date 2018/10/25

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[www.giiresearch.com/ce/732582](http://www.giiresearch.com/ce/732582)

The AI ecosystem is a tangled web of traditional technology providers that have adapted to shifting trends and new market entrants focused on using AI for solving problems in niche areas, as well as well-established internet-era hyperscaler companies that are spearheading the push toward AI-first organizations. Compared to a few years ago, the AI market is starting to solidify around real-world applications with the pace of change being faster than it has ever been before, as startups and technology providers rush to create platforms and targeted niche solutions for solving specific enterprise problems. The industry is churning and evolving quickly as merger and acquisition (M&A) activities abound, and it is homing in on areas of focus.

Tractica's 2018 AI ecosystem report covers a wide range of companies in the growing AI space, drawing on Tractica's internal knowledge base of the competitive environment, as well as external sources. Tractica has identified and categorized a total of 1,000 AI companies and provided more in-depth profiles of 200 key industry players that our analysis has revealed to be the most notable and representative examples of AI technology providers, solution providers, platforms, service providers, hardware vendors, and other players who each in their own way are helping to propel the sector forward. These companies span the globe and cover a spectrum of technologies and end-market segments.

## **Regulatory Guidelines for Open Banking: Asia/Pacific Markets and their Varying Paths to Open Banking**

Published by IDC

Pub. Date 2018/10/25

Price

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[www.giiresearch.com/ce/733547](http://www.giiresearch.com/ce/733547)

Continuing the series on Open Banking in the Asia/Pacific region, IDC Financial Insights highlights the various regulatory positions and guidelines that lead to or support the development of Open Banking in the 14 key jurisdictions of Asia/Pacific. Michael Araneta, assistant vice president for IDC Financial Insights, states, "Banks should initiate Open Banking strategies, even without the strong regulatory push seen in Europe. Success in the digital era will be in generating new value from business platforms and partner ecosystems - whether it is called Open Banking or not. This should be a bigger agenda for banks - not just a compliance piece or a contrivance to show concern for customers. The unbundling and rebundling of the value chain of financial services present an opportunity to truly remake the business of banking." "Clear guidelines from regulators on Open Banking is arguably one of the most important parameters to measure the progress of any country on Open Banking readiness. These guidelines will need to prioritize customer data protection, providing banks with a greater sense of confidence to open up their data and have these available to third-party players," says Anuj Agrawal, senior research manager, IDC Financial Insights Asia/Pacific.



## **DX Platform: A Framework for Infrastructure Services - Key Enabler of IT Transformation**

Published by IDC

Pub. Date 2018/10/25

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[www.giiresearch.com/ce/733563](http://www.giiresearch.com/ce/733563)

*This IDC Perspective looks at the role that infrastructure services will play in the digital transformation of the enterprise over the next three to five years. "For many organizations, the rapid rise of digital has pushed IT to the top of the corporate agenda. However, as we accelerate into the mainstream, organizations will need to leverage a high degree of digital dexterity along with a disciplined framework for IT transformation to compete effectively," says Ritu Jyoti, program vice president, Systems Infrastructure research.*

### TABLE OF CONTENTS

- Executive Snapshot
- Situation Overview
- Advice for the Technology Buyer
- Learn More

## **Western Europe HCM and Payroll Applications Market Shares, 2017: HR Emerges as a Strategic Pillar of Digital Transformation**

Published by IDC

Pub. Date 2018/10/25

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[www.giiresearch.com/ce/367329](http://www.giiresearch.com/ce/367329)

*This IDC Market Share study provides an analysis and sizing of the Western European HCM and payroll accounting applications market for 2015-2017 and market shares per vendor. The study segments the combined market by functional segment (two functional segments), deployment model (PCS and on-premise), and major Western European countries/regions. "As organizations adopt and excel at the use of digital technologies, they aim to deliver flexibility, profitability, and innovation. These transformational drives are putting increased pressure on the CHRO to implement a comprehensive human capital strategy, one that will offer a high level of self-service HR, valuable and analytically driven insights from HR data, and the ability to tap talent whenever and wherever, across different platforms. As HR becomes critical in delivering these goals, HCM investments from businesses of all sizes in Western Europe are set to continue growing," said Alexandros Stratis, senior research analyst, IDC U.K.'s European Enterprise Applications. "Furthermore, challenges that emerge from the war for talent, the gig economy, and the way different generations of employees understand and experience work is creating new customer demands that HCM vendors are racing to meet."*

**Artificial Intelligence in Asia Pacific: China, Japan, South Korea, India, and Rest of Asia Pacific Market Activity, Top Industry Sectors, Vendor Ecosystem, and Regional Market Forecasts for AI Software, Hardware and Services**

Published by Tractica

Pub. Date 2018/10/25

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[www.giiresearch.com/ce/733276](http://www.giiresearch.com/ce/733276)

*Traditionally, the Asia Pacific (APAC) region has lagged behind North America or Europe in terms of technology adoption. Artificial intelligence (AI) is most likely the one technology area where APAC could be the leading region globally within the next decade. The APAC region holds 60% of the world's population and, therefore, any major technological shifts like those being heralded by AI are likely to shape the future of the region.*

*Most of the impetus will come from China, as it pushes the accelerator on its plans to become a science and technology powerhouse and recognizes the role of AI in driving its ambitions. While China is leading most of the headlines, countries like Japan, South Korea, India, Taiwan, and Singapore have also shifted their focus toward AI, all of them announcing national AI strategies. Within APAC, AI has a major role to play in transforming healthcare, agriculture, and education where AI will help find better cures for diseases, democratize access to healthcare, improve crop yields, and help personalize education for all. AI is also likely to boost traditional industries like telecom, retail, advertising, automotive, business services, and consumer sectors. The public sector is also expected to be one of the biggest beneficiaries of AI in APAC, helping cities leapfrog their Western counterparts in terms of smart intelligent services and improved standards of living.*

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## **RFID: Technologies, Applications and North American Markets**

Published by BCC Research

Pub. Date 2018/10/25

Price

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USD 6826 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/733539](http://www.giiresearch.com/ce/733539)

North American market for radio-frequency identification (RFID) technologies will grow from nearly \$7.2 billion in 2018 to \$13.5 billion by 2023 with a compound annual growth rate (CAGR) of 13.4% for the period of 2018-2023.

U.S. RFID technologies market will grow from nearly \$5.3 billion in 2018 to \$9.6 billion by 2023 with a CAGR of 12.7%.

Canada RFID technologies market will grow from \$1.2 billion in 2018 to \$2.6 billion by 2023 with a CAGR of 16.1%.

Report Scope:

This report addresses the need for an objective, quantitative analysis covering emerging RFID technologies in the context of the North American RFID market. The report provides a snapshot of the North American RFID market and the share of principal applications and end-use industries that constitute it. It also provides an overview of RFID technologies (tags, printers/encoders and software). For this report, the North American RFID market is segmented by application into identification/security, e-payments, material handling/logistics, asset tracking, military applications and other applications. The report also reviews the North American RFID market for key end-use industries such as agriculture, mining, manufacturing, healthcare, transportation and logistics, retail/personal services, government/military and consumers.

## **Service Design and Orchestration Systems: Worldwide Market Shares 2017**

Published by Analysys Mason

Pub. Date 2018/10/25

Price

USD 7999 PPTX and PDF by E-mail (Single User License)

[www.giiresearch.com/ce/734656](http://www.giiresearch.com/ce/734656)

"This market declined by about 1% in 2017, mainly because telecoms operators were under pressure to reduce spending in general and were forced to take a conservative approach to deploying software for NFV- and SDN-based services."

Many communications service providers (CSPs) embarked on OSS modernisation initiatives to enhance operations efficiency, increase automation for their existing physical networks and services and prepare for operationalising NFV- and SDN-based services. Most CSPs are focusing on virtualising the network and are paying less attention to service orchestration and automation. However, many are engaging with vendors for professional services to launch new services such as SD-WAN.

This market share report provides:

- detailed market share data for the service design and orchestration software systems market overall, as well as four sub-segments:
- a summary of key developments in the market overall and in each sub-segment
- detailed profiles of 12 vendors in this market, and summaries of other players.

## **Connected Manufacturing Technology Convergence: Cloud Robotics, IIoT, 3D Printing, and Virtual Twinning 2018 - 2023**

Published by Mind Commerce

Pub. Date 2018/10/24

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[www.giiresearch.com/ce/731749](http://www.giiresearch.com/ce/731749)

The future of connected manufacturing will be systems that are remotely controlled, flexible, intelligent and adaptive. The combination of Cloud Robotics, 3D Printing, IoT and Virtual Twinning will enable a revolution in flexible, custom, distributed manufacturing. One of the important advantages of the Cloud Robotics market is the ability to make robotics and industrial automation equipment available to a much wider spectrum of users. One of the ways in which this is accomplished is via open APIs, which enable abstraction of the robotics control plane from the application user interface. This means that customers do not need to use proprietary user interfaces for robotic controllers.

Teleoperation represents the ability to operate equipment or a machine from a distance. A specific form of teleoperation involving remote control of a robot from a distance is referred to as telerobotics. Teleoperation and telerobotics are both supported by ICT infrastructure including broadband communications, sensors, machine to machine (M2M) communications, and various Internet of Things (IoT) technologies. Enhancements in wireless broadband are untethering teleoperation. Prior to 5G and Mobile Edge Computing (MEC), Teleoperation is largely relegated to fixed communications connections. 5G and MEC will enable Teleoperation anywhere there is 5G coverage, enabling many new consumer and industrial automation scenarios involving robotics.

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## **Industrial Internet of Things Market in Asia-Pacific, Forecast to 2022**

Published by Frost & Sullivan

Pub. Date 2018/10/24

Price

USD 4950 Web Access (Regional License)

[www.giiresearch.com/ce/739357](http://www.giiresearch.com/ce/739357)

IIoT brings together two separate technologies: Enterprise IT for resource planning and decision support systems, and Operations technology that controls machines/equipment, manufacturing and the related processes. Leveraging this will also require equipping the workforce with adequate skills, and this requires preparation. It is expected that IIoT will offer opportunities to the workforce for learning new skills. It will also computerize many of the tasks, particularly those that are of repetitive nature. In order to cash in on the bigger opportunities from IIoT, the workforce in organizations need to possess skills in data science, software development, hardware engineering, testing, etc. Companies, clients and other stakeholders have to collaborate in order to mitigate the risks typical to those connected to networks.

IIoT platforms are still in an emerging phase and companies are trying to establish themselves across many industries. There is a growing need to come up with open architecture and companies are starting to develop and share non-proprietary platforms. The benefits are for all stakeholders. Companies stand to save more by moving from a "fix when fail" approach to predictive maintenance. Suppliers also benefit as a result of reduced warranty fulfillment costs.

## **Global Recruitment Process Outsourcing Market 2018-2022**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/24

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[www.giiresearch.com/ce/439447](http://www.giiresearch.com/ce/439447)

*Recruitment process outsourcing provides an external, market-based alternative to internal procurement in terms of recruiting new employees by an organization.*

*Technavio's analysts forecast the Global Recruitment Process Outsourcing Market to grow at a CAGR of 14.34% during the period 2018-2022.*

*Covered in this report*

*The report covers the present scenario and the growth prospects of the global recruitment process outsourcing market. To calculate the market size, the report considers the revenue generated from the adoption of RPO.*

*The market is divided into the following segments based on geography:*

- Americas
- APAC
- EMEA

*Technavio's report, global recruitment process outsourcing market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.*

## **Global Mobile Map Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/24

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[www.giiresearch.com/ce/421687](http://www.giiresearch.com/ce/421687)

Mobile map is a cumulation of mobile data. The data can be accessed through handheld devices that are connected to the mobile network.

Technavio's analysts forecast the Global Mobile Map Market to grow at a CAGR of 17.12% during the period 2019-2023.

Covered in this report

The report covers the present scenario and the growth prospects of the global mobile map market. To calculate the market size, the report considers the revenue generated from the adoption of mobile map solutions.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *global mobile map market 2019-2023*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

## **China Manufacturing IT Applications Forecast, 2018-2022**

Published by IDC

Pub. Date 2018/10/24

Price

USD 7000 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/733546](http://www.giiresearch.com/ce/733546)

This IDC study presents a five-year forecast for the China manufacturing IT applications industry as of January 2018. It reviews and analyzes the market context, including both drivers and inhibitors of IT application growth, highlights significant market developments, provides the best estimates of IT spending and forecast by key segment, and offers advice to technology suppliers on how to drive opportunities. "The China manufacturing IT applications market will continue to grow steadily. The smart manufacturing pilot project has been executed for three years. About 200 manufacturers have achieved financial support from the central or local government. These are very positive signals. Meanwhile, Industrial Internet and industry cloud have become the most popular topics in the China manufacturing industry. They will also bring a huge opportunity for IT hardware and software. The players within China manufacturing should focus on governmental policies regarding any financial support," says Yue Zhang, research manager, IDC China Manufacturing Industry Research and Consulting.

**Production Monitoring Market by Component (Solutions and Services), Solution, Service (Professional and Managed), Organization Size, Industry (Process Manufacturing and Discrete Manufacturing), and Region - Global Forecast to 2023**

Published by MarketsandMarkets

Pub. Date 2018/10/24

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/735769](http://www.giiresearch.com/ce/735769)

The global production monitoring market size is expected to grow from USD 4.0 billion in 2018 to USD 6.4 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 9.8% during the forecast period. Major growth factors for the market include rising demand for industrial automation in the manufacturing industry, servitization in manufacturing, need for centralized monitoring and predictive maintenance, and rise of industry 4.0. However, data security concerns and privacy issues could restrain the market growth.

"Services component segment to grow at a higher CAGR during the forecast period"

Services are considered an important component of the production monitoring market, as they majorly focus on improving business processes and optimizing the production management of manufacturing companies. Services are considered as the backbone of the production monitoring software ecosystem, as they are instrumental in fulfilling end-users' and clients' custom requirements.

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**The 350 Largest Cellular IoT Projects Worldwide - 2nd Edition**

Published by BERG Insight

Pub. Date 2018/10/24

Price

USD 5400 Excel by E-mail (Corporate Use License)

[www.giiresearch.com/ce/516659](http://www.giiresearch.com/ce/516659)

Berg Insight has compiled a list of the 350 largest cellular IoT projects worldwide. The information included about each of these is mainly the company name and location, project name and type, website address, IoT vertical, the number of connections by region (including 5-year forecasts) and operators involved. These 350 projects represented 214 million subscriptions at the end of 2017, which is at the same time about 33.0 percent of the total cellular IoT connections worldwide. The list is delivered in Excel format.

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## **Global Online Language Learning Market 2019-2023**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/10/24

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[www.giiresearch.com/ce/326312](http://www.giiresearch.com/ce/326312)

*Online language learning is the process of learning languages through digital mediums such as software and mobile apps that have access to the Internet.*

*Technavio's analysts forecast the Global Online Language Learning Market to grow at a CAGR of 17.89% during the period 2019-2023.*

*Covered in this report*

*The report covers the present scenario and the growth prospects of the online language learning market. To calculate the market size, the report considers the revenue generated from the retail sales of online language learning solutions across the globe.*

*The market is divided into the following segments based on geography:*

- Americas
- APAC
- EMEA

*Technavio's report, online language learning market 2019-2023, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.*



## **IoT in Retail**

Published by Juniper Research

Pub. Date 2018/10/23

Price

USD 2606.90 Web Access - Executive Summary & Core Findings (Enterprise Wide License) ~

USD 3916.90 Web Access - Full Research Suite: Strategies & Forecasts for Retailers & Platform Providers 2018-2023 (Enterprise Wide License)

[www.giiresearch.com/ce/479751](http://www.giiresearch.com/ce/479751)

Juniper's latest 'IoT (Internet of Things) in Retail' research offers detailed and highly valuable analysis of how the IoT is being utilised in the retail environment, as well as suggesting how retailers can take advantage of further IoT opportunities. It also shares crucial insights into the future challenges of IoT deployment in retail and how they can be addressed successfully.

Juniper's research provides strategic recommendations and future outlook for retailers and platform providers, covering 3 core areas of IoT retail disruption, including:

- Customer Engagement
- Customer Experience
- Supply Chain

This research suite comprises:

- Deep Dive Strategy & Competition (PDF)
  - 5 Year Deep Dive Data & Forecasting (PDF & Excel)
  - Executive Summary & Core Findings (PDF)
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## **Progress in Optical Wireless Communications - Technologies, Applications and Markets**

Published by PracTel, Inc.

Pub. Date 2018/10/23

Price

USD 2700 Non-Printable PDF By E-mail (Single User License) ~

USD 4400 Enterprise License

[www.giiresearch.com/ce/299572](http://www.giiresearch.com/ce/299572)

*This Practel report continues the company's project on optical wireless communications (OWC). It updates Practel reports on this subject published early.*

*Particular, the report concentrates on:*

- VLC - Visible Light Communication
- FSF - Free Space Fiber.

*In connection with the VLC developments, the report is addressing Light Emitting Diode (LED) technologies and markets. LED, in the near future, will be a dominate source of illumination; and used also as a transmitting device. The VLC LED-based channels promise to deliver high-speed data in office, home and other environments with high signal-to-noise ratio, and minimum infrastructure expenses.*

*The report is analyzing the emerging VLC industry, economics, technologies, standardization and applications. It shows that the spectrum of VLC applications is increasing with each year to support such developments as Intelligent Transportation Systems, Localization and other.*

*FSF devices are solving access issues in metro and LAN environments. They are relatively inexpensive, support Gb/s rates of transmission; they are also offering low maintenance cost, guarantee a short installation time and security of communications. The report presents the FSF technologies and market analysis as well as discusses their applications together with the survey of vendors and their portfolios.*

## **Satellite-Based Earth Observation (EO), 10th Edition**

Published by Northern Sky Research, LLC

Pub. Date 2018/10/23

Price

USD 4495 PDF by E-mail (Standard License: Up to 5 Computers) ~

USD 8495 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/213729](http://www.giiresearch.com/ce/213729)

*NSR's Satellite-Based Earth Observation (EO), 10th Edition is the industry-leading, definitive analysis of this rapidly-changing global EO market. From the data collected and delivered via satellite, through value added services, to information products, and Big Data analytics and insights, this latest NSR report offers the most comprehensive analysis of the fast growing EO markets for every resolution, vertical, and region .*

*The Earth Observation business is one of the most dynamic, diversifying, and fast-growing in the satellite industry today. With investment continuing to grow for satellite constellations, new technologies and capabilities unlocked by machine-learning and artificial intelligence, as well as new business models expanding the addressable market by enticing non-traditional customers, the EO business is fully supported by demand throughout the value chain.*

## **Asia/Pacific (Excluding Japan) DevOps Software Forecast, 2017-2022**

Published by IDC

Pub. Date 2018/10/23

Price

USD 4500 PDF by E-mail (Single User License)

[www.giiresearch.com/ce/733544](http://www.giiresearch.com/ce/733544)

This IDC study provides market sizing and forecast by key deployment types and subregions for the Asia/Pacific excluding Japan (APEJ) DevOps software market as of June 2018. IDC defines DevOps software as being made up of selected portions of IDC functional markets spanning IT system and service management software, application life-cycle management software, and application platforms. For further details, see the Market Definition section. "The market is forecast to reach US\$754.7 million by 2022 as enterprises engage in software-driven innovation, underpinning digital transformation initiatives (i.e., embark on consumer-led product development, generate new revenue streams) to stay relevant and profitable in the industry. Businesses, even those in traditional sectors, such as manufacturing, mining, and agriculture, are beginning to recognize that technology plays a critical role in reaching new frontiers and customer segments. The rapid development and deployment of applications are becoming necessities and can only be delivered by a high-performance and collaborative IT function," explains Chris Zhang, research manager, IDC Asia/Pacific Software, Application Development, and Deployment Life Cycle.

## **The Role of African Start-ups in Driving Smart Agriculture in the Continent, 2018**

Published by Frost & Sullivan

Pub. Date 2018/10/23

Price

USD 3000 Web Access (Regional License)

[www.giiresearch.com/ce/739353](http://www.giiresearch.com/ce/739353)

The focus of this study is to identify and highlight African start-ups that drive the uptake of smart farming practices and how farmers can make data-driven decisions regarding crop rotation, planting and harvesting time, soil management, and weather prediction. The study offers an analysis of Sub-Saharan Africa, with additional information on the Middle East and North Africa. The forecasting includes both regions.

Research Scope:

The technology scope covers the following categories: mobile applications, sensors, robots, satellite imaging, and drones, and the start-up categories are as follows: digital data aggregation and dissemination, finance and insurance, logistics and equipment sharing platforms, integrated platforms, and precision agriculture.

Research Highlights:

This research service provides in-depth information about the emerging technology convergence, which is leading to the development of smart farming. Key start-ups across the agriculture value chain require automated processes and systems to sustainably increase output and influence economic growth.