

IoT Data Management and Analytics Market by Technology, Infrastructure, Deployment Model (Cloud vs. Premise), Solutions, Applications and Services in Industry Verticals 2021 – 2026

<https://marketpublishers.com/r/IF0A3F9BBCBEN.html>

Date: February 2021

Pages: 207

Price: US\$ 2,500.00 (Single User License)

ID: IF0A3F9BBCBEN

Abstracts

Overview:

This report evaluates the market for IoT data management and analytics. The report analyzes key challenges and opportunities such as managing IoT data based on ownership, care of custody, and usage rights.

The report assesses the opportunity for IoT data as a service and IoT-driven decisions as a service. It includes forecasts by technology, infrastructure, applications and services for both static and real-time data from 2021 through 2026.

The report evaluates substantial market opportunities involving IoT data collection, storage, analytics and visualization. It identifies how real-time, streaming data IoT business data becomes highly valuable when it can be put into context and processes as it will facilitate completely new product and service offerings.

This facilitates new opportunities for supporting software, storage and analytics solutions. The report includes analysis of technologies, tools and platforms for collecting, storing and processing IoT data.

Select Report Findings:

Real-time monitoring in healthcare will reach \$11B by 2026

Improved operations in retail sector will reach \$2.8B by 2026

Global data collection solutions market to reach \$7.3B by 2026

Global IoT data support software market to reach \$23.4B by 2026

Global IoT data storage solutions market to reach \$13.6B by 2026

Global IoT data analytics solutions market to reach \$16B by 2026

Leading industry verticals are healthcare, manufacturing and retail

The Asia Pac region to lead the IoT data analytics market through 2026

APAC real-time IoT data analytics solutions alone to reach \$6722M by 2026

Industrial IoT (IIoT) and enterprise IoT deployments in particular will generate a substantial amount of data, most of which will be of the unstructured variety, requiring next generation data analytics tools and techniques. For example, manufacturing processes produce vast amounts of machine-generated data, most of which is unstructured and from disparate sources and formats.

Accordingly, there is a need for uniform data management processes and use of big data analytics tools and techniques. While much of this data will be very useful for longer-term analytics, significant value will be realized from real-time processing such as centralized versus distributed manufacturing decisions.

It is important to recognize that intelligence within IoT networks is not inherent but rather must be carefully planned. Mind Commerce anticipates that IoT market elements will be found embedded within software programs, chipsets, and platforms as well as human-facing devices, which may rely upon a combination of local and cloud-based intelligence.

Just like the human nervous system, IoT networks will have both autonomic and cognitive functional components that provide intelligent control as well as nervous system-like end-points that provide signaling (detection and triggering of communications) and connectivity. Each of these system components are sources of potentially useful data, which must be analyzed to determine if useful information may

be realized.

Target Audience:

IoT services companies

ICT infrastructure suppliers

Big Data and analytics companies

Data as a Service (DaaS) companies

Application developers and aggregators

Cloud-based service providers of all types

Managed service and middleware companies

Data processing and management companies

Organizations in Report:

Amdocs

AppDirect, Inc.

Horadata

Interdigital

Optiva (formerly RedKnee)

Terbina

Tilepay

Accenture

AGT International

Bosch Software Innovations

Capgemini

Cisco Systems, Inc.

General Electric

Google Inc.

Intel Corporation

Lynx Software Technologies, Inc.

Maana, Inc.

Microsoft Corporation

MongoDB Inc.

PTC

RIOT

SAP SE

SQLstream, Inc. (Guavus)

Teradata Corporation

Wind River

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