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The federal government has spent years collecting and storing huge data sets ranging from census records to satellite images. As in the private sector, the government is now experiencing explosive data growth. Meanwhile, organizations are under pressure to use that data for greater responsiveness and efficiency on every front, whether that means spotting fraud, improving regulatory oversight, optimizing business travel, or providing more effective direct services.

Government agencies—especially law enforcement, intelligence, and Homeland Security—need technology that can automatically transform, parse, and integrate vast amounts of data, including XML. The technology must be capable of integrating data from multiple sources at whatever speed and scale an agency demands, from batch processing to near-real time.



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Intelligence Rediscovered

The Global Big Data Market in Government and Defence Sector is to Grow at **CAGR of 7.71 % by 2021.**

The US Argus ground surveillance system collects more 40GB of information per second and collects 6,000 terabytes of data/imagery per day which is sent to the Home Land security for analysis. Collecting and analysing such huge amount of data of various formats is "the" recent trend in the government and defence sector today. This growing trend of using data for security purpose plays a major role in the growth of the industry.

Big Data as a technology now offers an unparalleled opportunity to transform the vast amounts of data that state and federal governments already collect into a deeper understanding of citizens' needs—and into forward-thinking yet cost-effective ways to meet those needs. Big Data provides the platform provides all the capabilities government agencies need to ensure that they can integrate and manage ever-growing volumes of data while using that data to improve services and inform public policy.

Almost after every terrorist attack, quite a lot of attention goes towards how intelligence is collected, analyzed and disseminated in order to protect the country against terrorism activities. In many cases, post-event analysis generally concludes that sufficient information existed such that officials could have intercepted and avoided the incident to happen. These threats can be mitigated by the use of Big Data analytics which is the most sought after commodity in today's scenario. Understanding how to use data effectively and conduct analytics is very important for our security agencies.

Finding new insights by discovering hidden, not-so-obvious relationships in new data alongside existing data is the key task and it is critical to share the right-information with the right-people at the

right-time. Monitoring this mass of detail in real-time/near-real-time for isolating the 'voice' within the 'noise' in the intelligence context is beyond human capability and beyond existing information-handling techniques. It clearly refers to the requirement of a big-data environment dealing with rapid acceleration of data in many dimensions

Scope of the Big Data Market in Government and Defense sector 2021 Report

- This report provides a detailed view of global Big Data market in Government and Defense sector with current demand and the forecasted demand for the market.
- This report identifies the need for focusing on the usage of Bid Data in Government and defense sector
- This report provides detailed information on global Big Data market in Government and defense sector with growth forecasts up to 2021.
- The report identifies the growth drivers and inhibitors for the global Big Data market in Government and defense sector.
- This report profiles four manufacturers related to Big Data market in Government and Defense sector.
- This report also provides information regarding the global industries associations related to this industry.
- This report provides a detail information regarding the market opportunities of Big Data market in Government and Defense sector.
- This report also provides recommendations for policy makers.

1. Executive Summary

Scope of the Big Data Market in Government and Defense sector 2021 Report
Research Methodology

2. Need for Big Data in Government and Defense sector

- 3.1 Volume
- 3.2 Variety
- 3.3 Velocity
- 3.4 Veracity
- 3.5 Value

3. Big Data in Government and Defense sector value chain

- 3.1 Big Data Consultants
- 3.2 Infrastructure Providers
- 3.3 Technology Enablers
- 3.4 Big Data Analytics Providers
- 3.5 End Users

4. Global Big Data Market forecast till 2021

- 4.1 Global Big Data Market in Government and Defense Industry till 2021
- 4.2 Asia Pacific Big Data Market in Government and defense Industry till 2021
- 4.3 North America Big Data Market in Government and defense Industry till 2021
- 4.4 Europe Big Data Market in Government and defense Industry till 2021
- 4.5 LASA Big Data Market in Government and defense Industry till 2021
- 4.6 MENA Big Data Market in Government and defense Industry till 2021

5. Growth Drivers and Inhibitors for Big Data in Defense and Government sector

5.1 Growth Inhibitors

- 5.1.1 Data Security
- 5.1.2 Budgetary requirements
- 5.1.3 Technical skill requirements

5.2 Growth Drivers

- 5.2.1 Large variation of Data
- 5.2.2 Accurate Results
- 5.2.3 Potential for new insights
- 5.2.4 Failure of Traditional systems
- 5.2.5 Reduced cost in future
- 5.2.6 Competitive advantage

6. Profile of Key players in Big Data in Government and Defense sector

6.1 Splunk Inc.

- 6.1.1 Company Profile
- 6.1.2 Splunk Inc. in Global Big Data Retail Industry Value Chain
- 6.1.3 Financial Performance of Splunk Inc.
- 6.1.4 Business Strategy
 - 6.1.4.1 Product Level Business Strategy
 - 6.1.4.2 Service Level Business Strategy
- 6.1.5 SWOT Analysis for Splunk Inc.
- 6.1.6 Key Customers

6.2 International Business Machines (IBM)

- 6.2.1 Company Profile
- 6.2.2 IBM Limited in Big Data Value Chain
- 6.2.3 Financial Performance of IBM Limited
- 6.2.4 Business Strategy
 - 6.2.4.1 Product Level Business Strategy
 - 6.2.4.2 Service Level Business Strategy
- 6.2.5 SWOT Analysis for IBM Limited

Strengths
Weaknesses
Opportunities
Threats

6.3 SAP

6.3.1 Company Profile
6.3.2 SAP Limited in Big Data Value Chain
6.3.3 Financial Performance of SAP Limited
6.3.4 Business Strategy
6.3.5 SWOT Analysis for SAP Limited

Strengths
Weaknesses
Opportunities
Threats

6.4 Teradata

6.4.1 Company Profile
6.4.2 Teradata in Big Data Value Chain
6.4.3 Financial Performance of Teradata
6.4.4 Business Strategy
6.4.5 SWOT Analysis for Teradata

Strengths
Weaknesses
Opportunities
Threats

7. Case Study

8. Analysis Models

8.1 Porter Analysis Model

8.1.1 Threat of New Entrants
8.1.2 Threat of Substitutes
8.1.3 Bargaining Power of Suppliers
8.1.4 Bargaining Power of Buyers
8.1.5 Rivalry among the Existing Firms

8.2 PESTLE Analysis

8.2.1 Political
8.2.2 Economical
8.2.3 Social
8.2.4 Technology
8.2.5 Legal

8.1.6 Environmental

8.3 SWOT Analysis of Big Data Market in Government and Defense sector

Strengths

Weaknesses

Opportunities

Threats

9. Market opportunity

19.1 Smart city initiatives

19.2 Monitoring activity

19.3 Risk analysis

19.4 Enemy movement analysis

19.5 Web security

19.6 Agriculture usage

10. Strategic Recommendations

10.1 Recommendation for Government and defense sector

10.2 Recommendation for Big Data suppliers

List of Exhibits

Notes

Company Information

List of Exhibits

3.1 Big Data in Government and Defense sector Value Chain

4.1 Market Share of Various Geographies in Global Big Data in government and defense

4.2 Geography wise CAGR Growth Forecast for Big Data in government and defense

4.3 Forecast for Global Big Data in government and defense Market (in US\$ billion)

4.4 Geography wise Big Data Market growth in Government and Defense Industry

4.5 Asia Pacific region estimated turnover (in Billion USD)

4.6 North America region estimated turnover (in Billion USD)

4.7 Europe region estimated turnover (in Billion USD)

4.8 LASA region estimated turnover (in Billion USD)

4.9 MENA region estimated turnover (in Billion USD)

5.1 Growth Drivers and Inhibitors of the industry

6.1.1 Company Profile – Splunk Inc.

6.1.2 Contact Details – Splunk Inc.

6.1.3 Splunk Inc. Value Chain

6.1.4 Splunk Revenue from 2011-12 to 2015-16 (in million \$)

6.1.5 Year-wise Splunk Revenue Growth from 2011-12 to 2015-16 (in %)

6.1.6 Estimated Splunk Revenue from 2016-17 to 2020-21 (in million \$)

6.1.7 Estimated Year-wise Splunk Growth from 2016-17 to 2020-21 (in %)

6.1.8 Major Products and Services of Splunk Inc.

6.1.9 SWOT Analysis of Splunk

6.1.10 List of Key Customers of Splunk

6.2.1 Company Profile – IBM Limited

- 6.2.2 Contact Details - IBM Limited
- 6.2.3 IBM Limited in Big Data Value Chain
- 6.2.4 IBM Revenue from 2012 to 2016 (in USD million)
- 6.2.5 Year-wise IBM Revenue Growth from 2012 to 2016 (in %)
- 6.2.6 Estimated IBM Revenue from 2016 to 2021 (in USD million)
- 6.2.7 Estimated Year-wise IBM Revenue Growth from 2016 to 2021 (in %)
- 6.2.8 Major Products and Services of IBM Limited
- 6.2.9 SWOT Analysis of IBM Limited
- 6.3.1 Company Profile - SAP Limited
- 6.3.2 Contact Details - SAP Limited
- 6.3.3 SAP Limited in Big Data Value Chain
- 6.3.4 SAP Limited Revenue from 2012 to 2016 (in USD million)
- 6.3.5 Year-wise SAP Limited Revenue Growth from 2012 to 2016 (in %)
- 6.3.6 Estimated SAP Limited in Revenue from 2016 to 2021 (in USD million)
- 6.3.7 Estimated Year-wise SAP Limited Revenue Growth from 2016 to 2021 (in %)
- 6.3.8 SWOT Analysis of IBM Limited
- 6.4.1 Company Profile - Teradata
- 6.4.2 Contact Details - Teradata
- 6.4.3 Teradata in Big Data Industry Value Chain
- 6.4.4 Teradata Revenue from 2011-12 to 2015-16 (in Million Dollar)
- 6.4.5 Year-wise Teradata Revenue Growth from 2011-12 to 2015-16 (in %)
- 6.4.6 Estimated Teradata in Revenue from 2016-17 to 2020-21 (in Million Dollar)
- 6.4.7 Estimated Year-wise Teradata Revenue Growth from 2016-17 to 2020-21 (in %)
- 6.4.8 SWOT Analysis of Teradata
- 8.1 Porter's five force Analysis of Big Data Market in Government and Defense sector
- 8.2 SWOT Analysis of Big Data Market in Government and Defense sector

1. **Splunk Inc.**
2. **International Business Machines (IBM)**
3. **SAP**
4. **Teradata**

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