

Big Data Market in smart cities has the potential to realize significant efficiencies

Big Data driven analytics and collected data provides the concrete base for building up the smart cities with the network technology

HYDERABAD, TELANGANA, INDIA, September 3, 2018 /EINPresswire.com/ -- The usage of [Big Data in smart cities](#) has the potential to realize significant efficiencies along with innovative products and services, greater competitiveness and economic growth. Urbanization does not depend only on physical infrastructure but also on other aspects such as communication and virtual technologies. The shift from traditional computing to a sophisticated computing with increase in connecting devices and sensors has made viable for building smart environment.

Smart city corresponds to integration of Internet of Things (IoT) and Information and communication Technology (ICT) to manage the city assets. Smart cities make use of IoT to extract the data to leverage analytics insight to make smart global power houses. According to GTAI, Economic Development Agency of Germany, Germany is playing an active role in shaping the future cities within Germany and at International level. The country is deploying Information and Communication Technology (ICT) in all aspect of life as a starting point of smart and sustainable cities.

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The global houses are being smart centric in their day to day life processing of huge volume of data generated from sensors and connecting devices through Big Data analytics. Infrastructure, affordability, funding, lack of information, data integration and knowledge are some of the challenges hindering the growth of Smart Cities.

The challenges can be addressed by bringing big business houses, technology providers and government support at one platform. Infrastructure such as fiber optic connectivity, wireless solutions and public Wi-Fi will be fundamental building block of smart cities. Open data and standard platforms can be implemented in data integration. Further, awareness and investment through various channels such as private or government funding can bring transparency in building smart cities.

In 2016, Obama administration launched White House Smart Cities Initiative where the administration announced \$80 million in New Federal Investment in building smart cities. In fiscal year 2017, Government of Singapore revealed about an estimated of SG\$2.4 billion (\$1.7 billion) of tender for building smart cities through Information and Communication Technology (ICT).

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Big Data analytics can be implemented to drive up the economy and standard of living for the citizens of developing nations. Country such as India being a world fastest growing economy is looking forward to tap the Big Data analytics for building a smart nation. The Government of India is investing \$7.4 billion and collaborated with Japan to build up smart cities across India.

The steps taken by developing and developed nation for smart cities will open the opportunities for regional and international technology provider with increase in socio and economic growth and will lead them in building the smart Governance, Energy, Infrastructure, Mobility, Technology, Health care and so on.

The technology giant, Cisco Systems Incorporation began planning for building smart cities by integrating IoT based solutions through Cisco Kinetic for cities platform. Cisco Kinetic for Cities is a cloud based platform which can extract, compute and move data from connected things of IoT to deliver better service and outcome. On another hand, Sidewalk Labs is using Flow software which is designed to manage congestion and parking problems making urban transportation efficient. The data analytics in real usage will make the smart city a reality.

Big Data in smart cities market report is segmented as indicated below:

1. Big Data Market In Smart Cities - By Deployment

- 1.1. Introduction
- 1.2. On Cloud
- 1.3. On Premise
- 1.4. Hybrid

2. Big Data Market In Smart Cities - By Data Generators

- 2.1. Introduction
- 2.2. Sensors
- 2.3. Actuators
- 2.4. Digital Signage
- 2.5. Cameras
- 2.6. Others

3. Big Data Market In Smart Cities – By Technology

- 3.1. Introduction
- 3.2. Network Technology
 - 3.2.1. Internet of Things (IoT)
- 3.3. Storage
 - 3.3.1. Cloud Computing

4. Big Data Market In Smart Cities – By Programming Model

- 4.1. Introduction
- 4.2. Parallel Algorithm
- 4.3. Distributed Algorithm

5. Big Data Market In Smart Cities – By Analytical Tool

- 5.1. Introduction
- 5.2. Hadoop
- 5.3. NoSQL

6. Big Data Market In Smart Cities – By Application

- 6.1. Introduction
- 6.2. Smart Governance
- 6.3. Smart Energy
- 6.4. Smart Building
- 6.5. Smart Mobility
- 6.6. Smart Infrastructure
- 6.7. Others

7. Big Data Market in Smart Cities – By Market Entropy

8. Big Data Market in Smart Cities – By Geography

Companies Cited/Interviewed/Referenced

LotaData

Qlue

HAAS Alert

Greenbird Integration Technology

Tenqyu

Open Data Nation

Smart Joules

Water Smart Software

Enevo

Placelive

Company 15+

Related Reports:

A. Cloud Integration Market

<https://industryarc.com/Report/15274/cloud-integration-market.html>

B. Energy and Utility Analytics Market

<https://industryarc.com/Report/16309/energy-utility-analytics-market.html>

What can you expect from the report?

The Big Data Market In Smarter Cities Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories
2. Market trends
3. Manufacturer Landscape
4. Distributor Landscape
5. Pricing Analysis
6. Top 10 End user Analysis
7. Product Benchmarking
8. Product Developments
9. Mergers & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis (By Revenue & Volume)
12. Country level Analysis (15+)
13. Competitor Analysis
14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

Frequently Asked Questions:

Q. Does IndustryARC publish country, or application based reports in Big Data Market In Smarter Cities?

Response: Yes, we do have separate reports and database as mentioned below:

1. North America Big Data Market In Smarter Cities (2018-2023)
2. South America Big Data Market In Smarter Cities (2018-2023)
3. Europe Big Data Market In Smarter Cities (2018-2023)

4. Asia Pacific Big Data Market In Smarter Cities (2018-2023)
5. Middle East and Africa Big Data Market In Smarter Cities (2018-2023)
6. Cloud Based market for Big Data Market In Smarter Cities (2018-2023)
7. Actuators Market for Big Data Market In Smarter Cities (2018-2023)
8. Smart Governance market for Big Data Market In Smarter Cities (2018-2023)

Q. Does IndustryARC provide customized reports and charge additionally for limited customization?

Response: Yes, we can customize the report by extracting data from our database of reports and annual subscription databases. We can provide the following free customization

1. Increase the level of data in application or end user industry.
2. Increase the number of countries in geography or product chapter.
3. Find out market shares for other smaller companies or companies which are of interest to you.
4. Company profiles can be requested based on your interest.
5. Patent analysis, pricing, product analysis, product benchmarking, value and supply chain analysis can be requested for a country or end use segment.

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We look forward to support the client to be able to better address their customer needs, stay ahead in the market, become the top competitor and get real-time recommendations on business strategies and deals. Contact us to find out how we can help you today.

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