

# Global Critical Infrastructure Protection Market 2016 Share, Trend, Segmentation and Forecast to 2020

*Critical Infrastructure Protection Market to Reach \$131.33 billion with 8.50% CAGR to 2020*

PUNE, INDIA, July 13, 2016 /EINPresswire.com/ -- Countries across the world have to pay attention to their critical infrastructure, especially when virtual and the cyber world is exposed to innumerable threats of hacking, attacks and theft. Critical Infrastructure refers to the assets, networks and systems that are vital to a country and whose access or destruction can have a devastating effect on a country. These assets can be tangible or non-tangible and are considered essential for the functioning of an economy. Critical Infrastructure is most commonly associated with electricity, oil and gas, telecommunication, water supply generation, transmission and distribution, agriculture, food production and distribution, financial services and security services. Critical infrastructure is thus considered the backbone of any economy.

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Critical Infrastructure Protection (CIP) refers to the nation's preparation and response to any incident leading to the destruction of critical infrastructure of a country. The reasons for the failure of the system can be both natural as well as human-induced. The criticality is established by the fact that any destruction to the vital assets can cause serious damages to the economy of the country. The market and the technology which has evolved to be more of a necessity than a privilege, is fast growing for the same reason.

The market provides for numerous solutions ranging from control systems, monitoring systems through remote sensing technologies such as cameras and others, campus, peripheral and end-to-end security and emergency response systems. The market is being driven by the current trend of investment in the smart grids globally, increase in IT spending, the growth in the deployment of automation solutions, integrated functioning of cloud and CIP, increase in cyber-attacks and cyber-crimes and efficient policy regulations and implementations. Lack of technical workforce, a deep understanding of Industrial Control system and the lack of interoperability between products are some of the factors restricting the market growth.

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The Critical Infrastructure Market is estimated to grow from \$80.50 billion in 2014 to \$131.33 billion in 2020, at CAGR of 8.50% over the forecast period, owing to the increase in investments in the smart grid technology and the joint growth of the cloud computing and the critical infrastructure technology across the globe.

In 2014, North America dominated the Critical Infrastructure Market with 34.32% market share and this trend is estimated to continue over the projection period as well. Majorly driven by the United States, the market which continues to grow, due to its susceptibility to terrorism, bio-terrorism, cyber hijacking, hacking and other such threats.

However, the market is experiencing the highest traction in the Asia-Pacific region which is expected to witness growth rate of 9.02% over the period 2015 to 2020, owing to increasing political pressure for standard regulations, increasing insider attacks, growing cyber threats along with increasing investments made towards infrastructure protection.

Critical Infrastructure Market can be subdivided on the basis of the different services offered by the market as Risk Management Services, Designing, Integration and Consulting, Managed Services and Maintenance and Support of which Risk Management Services holds the larger part in CIP with an estimated market size of \$41.75 billion, followed by the Designing, Integration and Consultation constituting 35.03% share.

The technology is being applied in three broad verticals, namely, Energy and Power, Transportation System and Sensitive Infrastructure and Enterprises. Though the Energy and Power sector occupies the highest market share, it has also been identified as the sector requiring highest cultural change. This is because the Energy companies which initially fell into the category of engineering industry, have largely amalgamated into the IT industry. The reliance of IT on energy has increased with time, and vice-versa.

The market is highly competitive with the presence of some of the big giants such as Aegis Defense Services, Ericsson, General Dynamics, Honey International Inc., Intergraph, Lockheed Martin and McAfee, Inc., along with some small and medium companies.

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