

India Crisis Management Market Assessment, By Solution [Disaster Recovery and Business Continuity, Fire and Hazardous Materials (HAZMAT), Perimeter Intrusion Detection, Emergency/Mass Notification, Web-Based Emergency Management, Geospatial], By Services [Training and Consulting, EO Design and Integration, Support and Maintenance], By Deployment [On-Premises, Cloud], By Enterprise Size [Small and Midsize Enterprises, Large Enterprises], By Industry [Banking, Financial Services and Insurance, IT and Telecommunication, Energy and Utilities, Defense and Military, Government, Others], By Region, Opportunities and Forecast, FY2018-FY2032F

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### Report description:

India crisis management market is projected to witness a CAGR of 12.70% during the forecast period FY2024-FY2032F, growing from USD 6.88 billion in FY2024 to USD 17.90 billion in FY2032. Increased occurrences and intensity of natural calamities such as floods, cyclones, earthquakes, and droughts have significantly boosted the growth of the crisis management market in India. This increased challenge has made government agencies and private institutions invest in advanced crisis management technology. Real-time monitoring, early warning systems, and automated response mechanisms are emerging as indispensable measures to minimize disaster impact. Moreover, well-coordinated disaster recovery plans and recurrent drills are included in the

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organizational structure for better preparedness and prompt response. Additionally, government initiatives and policies are instrumental in expanding the crisis management market in India. Initiatives such as the National Disaster Management Plan promote infrastructure and technological expenditure in enhancing disaster resilience.

Overall, India is estimated to foresee a growing number of natural disasters, prompting the need for more advanced crisis management solutions supported by technology, accelerating the crisis management market forward.

Rapid Urbanization Drives Growth of the India Crisis Management Market

Growth in India's crisis management market is strongly driven by rapid urbanization due to expanding cities and population growth further increasing the dangers of fires, building collapses, and infrastructure breakdowns. The growth leads to greater social, economic, and environmental complexities requiring strong crisis management solutions. As per the World Bank Group, India is rapidly urbanizing, with towns and cities expected to house 600 million people, or 40% of the population, by FY2036, up from 31% in 2011, with urban areas contributing almost 70% to GDP.

Effective management of this urban transformation is crucial for India to realize its dream of becoming a developed country by FY2047. Nearly 70% of the urban infrastructure required by FY2047 is yet to be built, which requires sizeable investments. India is anticipated to require an investment of USD 840 billion in infrastructure by FY2036, averaging USD 55 billion or 1.2% of GDP per annum. Between FY2011 and FY2018, the country averaged only 0.6% of GDP in total capital expenditure on urban infrastructure, which is half the amount needed. The need for comprehensive crisis management strategies in urban settings is further compounded by the rise in natural disasters such as floods and earthquakes.

Advancements in AI and IoT India Crisis Management Market

Advances in AI and IoT have primarily fueled the Indian crisis management market as government organizations and private groups are capitalizing on this new technology for greater predictive strength and quicker responses. For instance, in March FY2024, the government approved the IndiaAI Mission with a budget outlay of USD 1.21 billion (INR 10,371.92 crore). The mission aimed to establish a comprehensive ecosystem for AI innovation including AI computing infrastructure with 10,000 or more GPUs, the development of Indigenous AI models, and an AI marketplace.

With the aid of AI, early warning systems of natural disasters such as floods and earthquakes are emerging, enabling the authorities to get timely preventive measures to act accordingly. These models help make forecasts from big datasets that assist in strategic planning and resource optimization. For example, AI can analyze real-time data from weather sensors and satellites with great accuracy for predicting extreme weather events and can aid in evacuating people and making necessary preparations on time. Recently, an advanced impact-based, decentralized, community-oriented flood forecast, and early warning system has been launched for the Periyar and Chalakudy river basins of Kerala, highlighting a new approach to disaster management in the country. The innovative system was launched in September, FY2024, by Equinoct, a Kochi-based community-sourced modelling solution provider at Ernakulam District Collectorate, to help administrators understand increasingly severe annual weather events, particularly floods, caused by climate change and exacerbated by numerous anthropogenic factors.

BFSI Segments Hold Significant Shares in India Crisis Management Market

The banking, financial services and insurance (BFSI) hold a significant share in India's crisis management market as its operations are critical and involve high stakes. Currently, the BFSI sector is highly vulnerable to various crises including cyber threats, personal data compromises, and fraud. These issues negatively impact the sector's operations, leading to financial losses, damage to reputation and potential penalties. As a result, there is a strong need for crisis management solutions to meet such major issues in India. For instance, India has emerged as the world's second most targeted country for cyber-attacks, with 95 entities facing data theft in FY2024, according to CloudSEK's Threat Landscape Report FY2024, which monitors dark web data. The Reserve Bank of India (RBI) emphasized that the BFSI sector invests in advanced crisis management solutions to mitigate these risks and keep pace with the burgeoning digital payment space. Such solutions include robust cybersecurity measures, all-inclusive disaster recovery plans, real-time monitoring systems, and employee training programs. In this way, the BFSI industry can ensure business continuity, protect sensitive customer data, and maintain regulatory compliance.

Future Market Scenario (FY2025 - FY2032F)

- The crisis management market in India is estimated to grow rapidly from FY2024 to FY2032 due to the growing frequency of natural calamities such as floods and earthquakes.
- Rapid urbanization in India will drive the crisis management market, with cities growing and creating complex challenges that

require strong solutions.

- Advances in AI and IoT are fuelling the Indian crisis management market, further backed by initiatives such as the IndiaAI Mission promoting AI innovation for better disaster response.
- The Banking, Financial Services, and Insurance (BFSI) sector will hold a significant share in the crisis management market in India due to high susceptibility to crises such as cyber-attacks and financial fraud.

Key Players Landscape and Outlook

India's crisis management market is highly fragmented, with several players catering to different industry needs, including disaster recovery, business continuity, and perimeter intrusion detection. This diversity is driven by the unique requirements of sectors such as BFSI, IT & Telecom, Energy and Utilities, and Healthcare.

Recently, the crisis management market has been experiencing many new products and technological inventions in India. Companies utilize AI and IoT to develop predictive analytics and automated response systems. There is an increase in strategic partnerships and collaborations, empowering firms to improve service offerings and extend market reach. For instance, in September, FY2024, Infosys Limited and Amazon Web Services (AWS) formed a strategic partnership to address India's critical need for a consistent and predictable electricity supply. The collaboration leverages AWS's generative AI capabilities to develop a comprehensive solution to manage energy crises more effectively in India. The AI-powered solution helps predict and mitigate disruptions, ensuring a stable power supply and minimizing the impact on industries and citizens. By utilizing advanced technologies, Infosys and AWS aim to support India's development pace and enhance the overall reliability of the energy sector. There have also been several acquisitions where larger companies try to strengthen their crisis management capabilities by integrating niche technologies and expertise from smaller firms. These acquisitions help broaden their service portfolio and improve their competitive edge.

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