

# Growing at 16.2% CAGR | AI trust, Risk and Security Management Market Reach USD 7.4 Billion by 2032

WILMINGTON, DE, UNITED STATES, October 9, 2025 /EINPresswire.com/ -- According to the report published by Allied Market Research, Growing at 16.2% CAGR | [AI trust, Risk and Security Management Market](#) Reach USD 7.4 Billion by 2032 . The report provides an extensive analysis of changing market dynamics, major segments, value chain, competitive scenario, and regional landscape. This research offers valuable able guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market.

The global ai trust, risk and security management market was valued at \$1.7 billion in 2022, and is projected to reach \$7.4 billion by 2032, growing at a CAGR of 16.2% from 2023 to 2032.

Factors such as increase in efforts of government to deploy AI technology and secured and convenient data storage primarily drive the growth of the AI trust, risk and security management market. However, comprehensive ethical norms as a foundation for AI and insufficient awareness of AI hamper market growth to some extent. Moreover, AI may dramatically lessen gender-prejudice and are expected to provide lucrative opportunities for market growth during the forecast period.

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The AI trust, risk and security management market is segmented on the basis of component, deployment mode, enterprise size, industry vertical, and region. On the basis of component, it is bifurcated into solutions and services. On the basis of deployment mode, it is bifurcated into on-premise and cloud. On the basis of enterprise size, it is bifurcated into large enterprise and small and medium-sized enterprise. On the basis of industry vertical, it is divided into IT and telecom, BFSI, manufacturing, healthcare, retail and e-commerce, government and others. On the basis of region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

By component, the solution segment held the major share in 2022, garnering nearly one-third of the global AI trust, risk and security management market revenue, owing to privacy-preserving techniques to enable organizations to leverage AI while protecting sensitive information. Moreover, techniques such as differential privacy, secure multi-party computation, and

encryption allow data to be analyzed without compromising individual privacy. The services segment would also showcase the fastest CAGR of 18.4% during the forecast period, owing to help organizations assess, implement, and manage AI-related security measures. These services provide guidance, expertise, and support in addressing the challenges and risks associated with AI adoption.

By deployment mode, the on-premise segment contributed to the highest share in 2022, accounting around one-third of the global AI trust, risk and security management market revenue, owing data privacy, compliance and regulatory requirements and protection against insider threats in the organization. This is attributed to trust, risk, and security management that play a crucial role in ensuring business continuity by implementing robust backup strategies, disaster recovery plans, and resilience measures. The cloud segment would also showcase the fastest CAGR of 19.4% throughout the forecast period, owing to the integrity, confidentiality, and availability of AI systems and data. Key factors related to the cloud segment in AI trust, risk and security management are storage, data protection, secure infrastructure and identity and access management.

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By enterprise size, the large enterprise segment contributed to the highest share in 2022, accounting around two-third of the global AI trust, risk and security management market revenue, owing to increased establish accountability and ensure compliance with internal policies, industry standards, and regulatory requirements. Large organizations may enhance the trustworthiness and security of their AI systems and mitigate the risks associated with AI adoption by addressing these aspects effectively. The small and medium-sized enterprise segment would also showcase the fastest CAGR of 18.4% throughout the forecast period, owing to the trustworthiness and security of their AI systems and mitigate the risks associated with AI adoption by addressing these aspects effectively.

By industry vertical, the IT and telecom segment accounted for nearly two-fifth of the global AI trust, risk and security management market share in 2022, and is expected to rule the boost by 2032, owing to robustness, availability, and resilience of 5G network platforms are being given more attention to accommodate innovative commercial and mission-critical use cases. The manufacturing segment would also display the fastest CAGR of 20.4% throughout the forecast period, owing to the manufacturer to better anticipate trends and keep a close eye on their processes and production capacity. Nevertheless, it allows them to base such decisions on more accurate real-time data.

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Region-wise, North America garnered the highest share in 2022, holding nearly one-third of the global AI trust, risk and security management market revenue in 2022, and is projected to retain

its dominance by 2032, owing to the increase in adoption and growth of advanced and latest technology, such as cloud computing, artificial intelligence (AI), and machine learning (ML). The integrated smart processes and breakthroughs of technical developments have entirely revolutionized the landscape of the IT industry and, in turn, encouraged the drive for the implementation of efficient and secure AI solutions. The Asia-Pacific region would also portray the fastest CAGR of 18.6% during the forecast period, owing to strong technological capabilities, encouraging governmental regulations on advanced technologies such as AI, ML, automation and IoT.

The market players operating in the AI trust, risk and security management industry are International Business Machines Corporation, SAP SE, SAS Institute Inc., Oracle Corporation, Rapid7, At&t Intellectual Property, LogicManager, Inc., ServiceNow, Moody's Analytics, Inc., and RSA security LLC.. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships, which help to drive the growth of the AI trust, risk and security management industry globally.

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#### Covid-19 Scenario-

- As it has decimated the world, the COVID-19 pandemic has wreaked havoc on a variety of business.
- Moreover, during the pandemic condition, remote work offers substantial security hazards in addition to productivity issues.
- Modern technologies such as the Internet of Things (IoT) and Artificial Intelligence (AI) were required by a number of industries, including healthcare, the automobile industry, and others.
- Big Data and analytics are now used to anticipate and address the future challenges of COVID-19 crisis.
- In order to handle the pandemic and make suitable recommendations in real-time to stop its spread, the healthcare sectors urgently needed decision-making technology.

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Lastly this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into market dynamics and will enable strategic decision-making for existing market players as well as those willing to enter the market.

#### About Us:

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