

# Database Encryption Market Revenue, Region & Country Share, Trends, Growth Analysis Till 2026 - IndustryARC

*Technology launches, acquisitions and R&D activities are key strategies adopted by players in the Database Encryption market.*

HYDERABAD, TELANGANA, INDIA,  
November 18, 2022 /

EINPresswire.com/ -- [Database](#)

[Encryption Market](#) size is forecast to

reach \$3,445 million by 2025,

estimated to grow at a CAGR of 25.5%

during 2021-2026. Database

encryption technology is based on

algorithms that is used to transform

the data in cipher text, which is used to protect the data from accessing by third party.

Transparent data encryption technology is asymmetric key secured encryption method used to encrypt data and log files. TDE encrypts SQL server Azure SQL Database, and Azure SQL Data warehouse files, known as encrypting data at rest. This technology is employed by Microsoft, IBM and oracle, to deal with the most critical to those threats to which data is vulnerable. The use of comprehensive mobile devices and the need for technology in several organizations are fueling the demand for database encryption. In addition, the growing usage of database encryption for applications including communication encryption, disk encryption, cloud encryption, file and folder encryption and others are tremendously boosting the database encryption market size during the forecast period 2021-2026.

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## Key Takeaways

1. In 2020, the Database Encryption market was dominated by North American region owing to the presence of prominent players such as IBM, Microsoft and so on in the US and Canada.
2. The increasing data volume storage has led to the need for multi-cloud environment which is thus enhancing the demand for the cloud-based security solutions that protects the data from



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thieves and hackers.

3. The rising demand for physical-based security such as blockchain-based, quantum-computer-based, honey encryption, IoT product security and others for encryption are enhancing the database encryption market.

4. The rising political issues is leading to offer complex relationship to government and politics are hampering the growth of the market.

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#### Segmental Analysis:

Database Encryption Market Segment Analysis – By End-user: Government segment held the largest market share in the Database Encryption market in 2020 at 22.2% share. The rising utilization of DB encryption solution by government entities and enterprises are highly enhancing the growth of the market. Also, the rising use of technology has made government sector an IT crowd which is leading to the adoption of database encryption. In addition, the regulations and compliance requirements such as health insurance portability and accountability (HIPAA) for healthcare and payment card industry data security standard (PCI DSS) has surged the growth of the database encryption market.

Database Encryption Market Segment Analysis – By Deployment Type: With rise in the adoption of IoT technologies and the usage of cloud database for computing in various organizations for different applications is analyzed to boost the Cloud Database Market. Moreover, the cloud databases provide the customers with improved performance, service resilience and so on, thereby enhancing the overall market demand for Cloud Database during the forecast period. The Cloud database market is driven primarily due to the rising usage of internet of things, cloud computing as well as rising use of Cloud database in banking and education. IOT data is complex, accessible by multiple users and many complex queries, both SQL and NoSQL implemented storage, and transactions need to be handled through IOT applications.

Database Encryption Market Segment Analysis – By Geography: In 2020, North America dominated the Database Encryption market with a share of more than 37.2%, followed by Europe and APAC. The presence of most prominent players in this region such as Microsoft Corporation, IBM Corporation, Intel, SAS Institute Inc., Win Magic Inc. and EMC Corporation are fueling the growth of the market. Additionally, in the US most of the small and medium sized enterprises are integrating technology which is leading to the requirement of efficient database encryption software. Also, the development by the US-based companies in order to provide cost-effective products is enhancing the growth of the market in this region.

#### Competitive Landscape:

The top 5 players in the Database Encryption industry are -

1. IBM Corporation
2. Post-Quantum
3. Engimedia
4. Penta Security Systems
5. Symantec Corporation

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