Transparent Data Encryption (TDE) Technology Market 2018, Market Growth, Market Share, Market Size Forecast to 2023

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HYDERABAD, TELANGANA, INDIA, September 17, 2018 /EINPresswire.com/ -- Enterprises, organizations tend to store a lot of sensitive information such as regulated data, employee data and intellectual data, unfortunately this data is becoming more vulnerable and is being hacked. Hackers regularly target large organizations with the goal of stealing valuable data which results in data breach that expose the personal records of individuals. Increased volume of data is directly proportional to increase data breach, in order to counter measure this problem organizations are encrypting and protecting their sensitive data with data encryption technology. Around 70% of organization use encryption to protect their sensitive data. Encryption done at page level and later decrypted when read into memory is called as Transparent Data Encryption (TDE). The advantage of TDE is that it does not increase the size of encrypted database.

Moving towards some constraints of transparent data encryption is the requirement of immediate backup of certificate and key to the certificate, if certificate is lost data is lost. One more disadvantage of TDE is that it does not provide encryption across communication channels. One of the key drivers in TDE technology for database encryption market growth is compliance and regulatory requirements which include organization's financial details, healthcare patient information, and payment card details and so on. TDE is also used for database encryption in smart phones and web based application that generate huge amount of data which needs to be stored in secure manner, which is again a market driving factor. Some of the key players in this market are IBM Corporation, Microsoft Corporation, Symantec Corporation, Oracle, Intel, Gemalto and others.

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This market is currently dominated by North America region due to fast growth in global machinery production. Asia-Pacific region will be one of the highest growth in database encryption market in coming years.
Transparent data encryption technology, is coined by Microsoft. IBM and Oracle will now be employing on modern data center to encrypt database on the filesystem. Transparent data system will solve the problem by protecting database at rest and encrypting database in the hard drive and accordingly on backup media. TDE is mostly used by organizations to solve compliance issues which require to protect the data at rest. Encryption will be provided as a service so that it can be easily integrated in to existing organizations workflow with minimum impact.

On the other side data encryption technology is the foundation of an enterprise data protection. Big enterprises will be adopting it increasingly to protect their sensitive data, disk encryption, cloud encryption, financial data, and file and folder encryption. Data encryption will be an armor to secure the data in every organizations.

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Transparent Data Encryption technology market report is segmented as indicated below:
1. Transparent Data Encryption Technology Market – By Types
1.1. TDE column encryption
1.2. TDE tablespace encryption

2. Transparent Data Encryption Technology Market – By Types of Keystores
2.1. Password-based software keystores
2.2. Auto-login software keystores
2.3. Local auto-login software keystores

3. Transparent Data Encryption Technology Market - By Uses
3.1. Authentication
3.2. Validation
3.3. Data Protection

4. Transparent Data Encryption Technology Market – By Threats
4.1. Introduction
4.2. External Threats
4.2.1. Hackers Breach
4.3. Internal Threats
4.3.1. Confidential Information
4.4. Physical Threats
4.4.1. Thieves strike

5. Transparent Data Encryption Market- By End users
5.1. Introduction
5.2. Government
5.3. Public sector
5.4. Military and Defense
5.5. Aerospace
5.6. Retail and E-commerce
5.7. Others

6. Transparent Data Encryption Technology Market – By Market Entropy
7. Transparent Data Encryption Technology Market – By Geography

Companies Cited/Interviewed/Referenced
IBM Corporation
Post-Quantum
Enigmedia
Penta Security
Crypto Move
Data Motion
Echoworx
ENC security
FinalCode
icore connect
PKWARE
STEAKTH Software
Symantec
Company 20+

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B. Disaster Recovery As a Service Market
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What can you expect from the report?
The Transparent Data Encryption (TDE) Technology Market 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 Transparent Data Encryption (TDE) Technology Market?
Response: Yes, we do have separate reports and database as mentioned below:

1. North America Transparent Data Encryption (TDE) Technology Market (2018-2023)
2. South America Transparent Data Encryption (TDE) Technology Market (2018-2023)
3. Europe Transparent Data Encryption (TDE) Technology Market (2018-2023)
4. Asia Pacific Transparent Data Encryption (TDE) Technology Market (2018-2023)
5. Middle East and Africa Transparent Data Encryption (TDE) Technology Market (2018-2023)
6. tablespace encryption in Transparent Data Encryption (TDE) Technology Market (2018-2023)
7. Auto-login software keystores in Transparent Data Encryption (TDE) Technology Market (2018-2023)
8. Data Protection in Transparent Data Encryption (TDE) Technology Market (2018-2023)
9. Internal Threats in Transparent Data Encryption (TDE) Technology Market (2018-2023)
10. Public sector Market in Transparent Data Encryption (TDE) Technology Market (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

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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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