

Digital Signature Market by Component (Hardware, Software, Services), Deployment Type (On-premises, Cloud-based), Industry Vertical (BFSI, Education, Human Resource, IT & Telecommunication, Government, Healthcare & Life Science, Real Estate) - Global Opportunity Analysis and Industry Forecast, 2014 - 2022

<https://marketpublishers.com/r/D9D61712740EN.html>

Date: March 2017

Pages: 180

Price: US\$ 3,999.00 (Single User License)

ID: D9D61712740EN

Abstracts

Digital signature is a mathematical technique, which is used to prove the authenticity of an electronic document or message such as e-mails, word file, PDF, and others. It is considered equivalent to handwritten signature, which implies that a message sent with a valid digital signature has similar attributes as that of handwritten signature and cannot be denied by the sender. Furthermore, digital signature is a part of electronic signature, which uses public key infrastructure (PKI) for data encryption and decryption. PKI is a set of policies, roles, and procedures that facilitates the authenticated and secured electronic transfer of data for various network activities such as internet banking, e-commerce, and other internal activities. In addition, cryptocurrency is a digital asset used as a medium of exchange to secure the transactions and avoid excessive creation of additional currency units. It reduces the time of operation & use of paper-ink as well as increases the operation competency of processes. It secures truncation from end-to-end, and offers data control, integrity, and transparency. The global digital signature market is driven by factors such as technological advancements, increased penetration of smartphones, surge in online transactions, low costs of cloud computing platforms, and high penetration of internet worldwide. The other contributing factors include high acceptance of digital signatures in internal processes or communication in enterprises, enhanced operational efficiency, reduced turnaround time, and reduction in costs due to implementation of digital signatures, and

growing need for data security and authentication on account of increase in cyber-attacks. However, resistance to adapt the existing applications or systems for the implementation of digital signatures and heavy investment hamper the market growth. Nevertheless, innovation in technology, increase in adoption of hybrid platforms, and new legislations promoting the use of digital signature are expected to supplement the market growth during the forecast period.

The global digital signature market is segmented on the basis of component, deployment type, industry vertical, and geography. Based on the type of component, the global digital signature industry is segmented into hardware, software, and services. Based on the deployment type, the market broadly categorized into on-premise and cloud-based. According to the industry vertical, digital signature industry is segmented into BFSI (banking, financial services, and insurance), education, government, healthcare & life science, IT & telecommunication, real estate, human resource, and others. The market is analyzed based on four regions, namely North America, Europe, Asia-Pacific, and LAMEA.

KEY BENEFITS

In-depth analysis of the global digital signature market is provided in the report to understand the market dynamics.

Quantitative analysis of the current trends and future estimations for the period of 2014-2022 is provided to assist strategists and stakeholders to capitalize on the prevailing opportunities.

Porter's Five Forces analysis examines the competitive structure of the digital signature industry, and provides a clear understanding of the factors that influence the market entry and expansion.

A detailed analysis of the geographical segments enables identification of profitable segments.

Comprehensive analyses of the trends, sub-segments, and key revenue pockets are provided in the report.

Detailed analyses of the key players and their business strategies are anticipated to assist stakeholders to take informed business decisions.

Profile analyses of leading players operating in the digital signature industry are

provided in the report, which highlight the major developmental strategies adopted by these companies such as mergers & acquisitions, expansions, and new product launches.

KEY MARKET SEGMENTS

By component

Hardware

Software

Services

By deployment type

On-premises

Cloud-based

By industry vertical

BFSI

Education

Human resource

IT & telecommunication

Government

Healthcare & life science

Real estate

Others

By Geography

North America

Europe

Asia-Pacific

LAMEA

KEY MARKET PLAYERS

Ascertia

Adobe Systems, Inc.

DocuSign

Entrust Datacard Group

eSignLive by VASCO

Gemalto N.V.

IdenTrust Inc.

Kofax Limited (A Lexmark Company)

RPost Technologies

Secured Signing Limited

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