Public Key Infrastructure (PKI) Market Research Report-Forecast to 2023

Market Snapshot

Digitization has revolutionized how people manage confidential data. Public key infrastructure (PKI) is the next frontier in management and security solution for personal information. Through a range of networks, PKI deploys a rigorous security structure. It is basically a combination of procedures, people, policies, software, hardware and services that support public key cryptography – a unique way of securing communication. With passing time, PKI continues to become more effective and relevant. Technology companies are introducing PKI systems that ensure effective arrangement that binds public keys. Rapid adoption and expanding userbase is encouraging developers to continue to improve PKI and make it robust. In 2017, the global public key infrastructure (PKI) market stood at USD 639.12 Mn and is expected to witness a healthy growth during the review period (2018-2023). Intensifying cyber threat is a major concern worldwide, making PKI an important tool for information security.

Synopsis

This MRFR study presents a thorough analysis of the global public key infrastructure (PKI) market. The primary objective of the study is to deliver a market forecast until 2023. It also covers analysis of key trends that are expected to guide the market growth during the forecast period. In addition, major PKI technology trends are also mentioned in the research document. It also includes a discussion on different PKI solutions such as PIN authentication, enrolment services, self-registration, secure roaming and inventory of digital identities. Both cloud-based and on-premise PKI deployments have been considered for market sizing. Revenue analysis based on PKI end-users covers domains such as health and life sciences, manufacturing, BFSI, aerospace and defense, human resources, government, education, and retail.

Report Coverage

Historical market trends, market dynamics, forecast, market value by region as well as by segmentation, country-level analysis for each market segment, key player’s market share analysis and market factor analysis which covers supply chain and Porter’s five forces analysis of the market.

Companies Covered


Research Methodology

Market Research Future (MRFR’s) cutting-edge analytical algorithms ensures collection of impactful market insight. A comprehensive study of major market divergences such as historical data, consumer behavior pattern, the status of the market, key players’ market share analysis, etc. is undertaken for delivering informative foresight. The market intelligence presented is supported by
data procured from primary and secondary research which includes sources such as interviews with stakeholders across the value chain (CEOs, MDs, VPs, etc.), questionnaires, surveys, SEC filings, paid database services, whitepaper references, and annual reports among others. Top-down and bottom-up approaches are leveraged for validating the accuracy of the market size and revenue estimation. Additionally, a multi-layer verification process ensures zero discrepancy and affirms the credibility of the research findings.

**Other Description**

- Market Denomination- USD Mn
- Base Year- 2017
- Forecast Period- from 2018 to 2023

**Intended Audience**

- Training and education service providers
- Data integration service providers
- Banking and Insurance service providers
- Technology standards organizations
- Digital signature vendors
- Digital signature service providers
- Product manufacturers/ developers
- Consultancy firms/advisory firms
- Technology investors
- Research institutes,
- System Integrators
- Research/Consultancy firms

For the scope of the research, MRFR's report offers a comprehensive segmental analysis of the global market for public key infrastructur

**By Solution**

- PIN Authentication
- Enrolment Services
- Secure Roaming
- Inventory of Digital Identities
- Self-Registration

**By Deployment**

- Cloud-Based
- On-Premise

**By End-Users**

- Aerospace and Defense
- Health and Life Sciences
- Human Resources
- Manufacturing
- Government
- BFSI
- Education
- Retail
- Others

**By Region**

- North America
- Europe
- Asia Pacific
- The Middle East & Africa (MEA)
- Latin America
The global public key infrastructure market was valued at USD XX million in 2017 and is estimated to reach USD XX million by 2023. The market is growing with a CAGR of 21.12% during the forecast period 2018-2023.

The major factors driving the market are improved operational efficiency and growing concerns of information security.

By end-users, the government segment is dominating the public key infrastructure market with USD XX million in 2017 and is expected to reach USD XX million by the end of 2023 with a CAGR of XX%.

Global Public Key Infrastructure Market, Market Share by Region (2017 %)

North America 37.51%  Europe XX%
Asia Pacific XX%
Rest of the World XX%

Key Players
- Entrust Datacard Corporation,
- Assa Abloy Group
- GoDaddy Inc.
- VeriSign Inc.
- Gemalto NV

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