

# **Payment Security Market by Solution (Encryption, Tokenization, and Fraud Detection and Prevention), Service (Integration, Support, and Consulting), Organization Size (Large Enterprises and SMEs), Industry Vertical, and Region - Global Forecast to 2022**

<https://marketpublishers.com/r/PC92CECEAD9EN.html>

Date: July 2017

Pages: 116

Price: US\$ 5,650.00 (Single User License)

ID: PC92CECEAD9EN

## **Abstracts**

“Increased adoption of digital payment modes is expected to drive the growth of the payment security market.”

The payment security market size is expected to grow from USD 11.39 billion in 2017 to USD 24.63 billion by 2022, at a Compound Annual Growth Rate (CAGR) of 16.7%. The growth of the payment security market is driven by various factors, such as increased adoption of digital payment modes, need to adhere to PCI guidelines, and rise in fraudulent activities on eCommerce. However, lack of trust in online banking may restrict the growth of the payment security market.

“Encryption solution segment is expected to grow at a higher CAGR during the forecast period.”

Encryption transforms consumer’s financial information into non-readable form called cipher text using mathematical algorithms. The encrypted data is not readable by anyone, which secures cardholder’s details. Thus, encryption solution helps to reduce the vulnerability of the data, which ultimately reduces a merchant’s business risks. The solution also fulfills the regulatory requirements of PCI DSS compliance. Therefore, it is expected to witness high growth rates in the near future.

“The retail vertical is expected to dominate the payment security market.”

The popularity of online shopping is increasing in the retail industry. Retail merchants regularly face a challenge in managing consumer's sensitive data related to payment cards and complying with the regulations. This vertical is one of the most targeted verticals by cyber-attackers because of the potential payouts and huge number of monetary transactions made via VISA, MasterCard, and other payment processing networks. This necessitates substantial investments in payment security solutions by this vertical, making it the highest contributor in the payment security market.

“Asia Pacific (APAC) is expected to have the highest growth rate during the forecast period.”

APAC includes emerging economies such as China, Australia, Singapore, and India, which are rapidly deploying payment security solutions. It is expected to grow at the highest CAGR during the forecast period. This is mainly due to the rise in fraudulent activities on eCommerce in many industry verticals, such as retail, Information Technology (IT) and telecom, travel and hospitality, healthcare, and education. Furthermore, North America is estimated to have the largest market size in 2017.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, innovation and technology directors, and executives from various key organizations operating in the payment security market.

By Company Type: Tier 1: 55%, Tier 2: 20%, and Tier 3: 25%

By Designation: C-Level: 60%, Director Level: 25%, and Others: 15%

By Region: North America: 40%, Europe: 20%, APAC: 10%, and RoW: 30%

The report includes the study of the key players offering payment security services, such as Braintree (Illinois, US), CyberSource Corporation (California, US), Elavon (Georgia, US), Index (Nevada, US), Ingenico ePayments (Hoofddorp, Netherlands), Intelligent Payments (Gibraltar), GEOBRIDGE Corporation (Virginia, US), Shift4 Corporation (Nevada, US), Transaction Network Services (TNS) Inc. (Virginia, US), and TokenEx, LLC (Oklahoma, US).

## Research Coverage

*Payment Security Market by Solution (Encryption, Tokenization, and Fraud Detection and Prevention), Service (I...*

The report covers the payment security services offered across different regions. It aims at estimating the market size and growth potential of this market across different segments, such as solutions and services, organization size, verticals, and regions. Furthermore, the report also includes an in-depth competitive analysis of the key market players along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

### Key Benefits of Buying the Report

The report will help the market leaders/new entrants in the payment security market with information on the closest approximations of the revenue numbers for the overall payment security market and subsegments. This report will help stakeholders to understand the competitor landscape, gain more insights to position their businesses better, and plan suitable go-to-market strategies. The report also helps the stakeholders to understand the pulse of the market, and it provides them with information on the key market drivers, restraints, challenges, and opportunities.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
- 1.4 YEARS CONSIDERED FOR THE STUDY
- 1.5 CURRENCY
- 1.6 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Breakdown of primary interviews
    - 2.1.2.2 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
- 2.3 RESEARCH ASSUMPTIONS AND LIMITATIONS
  - 2.3.1 LIMITATIONS
- 2.4 MICROQUADRANT RESEARCH METHODOLOGY
  - 2.4.1 VENDOR INCLUSION CRITERIA

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE PAYMENT SECURITY MARKET
- 4.2 PAYMENT SECURITY MARKET, BY SOLUTION, 2017–2022
- 4.3 PAYMENT SECURITY MARKET, BY SERVICE, 2017–2022
- 4.4 PAYMENT SECURITY MARKET, BY ORGANIZATION SIZE, 2017–2022
- 4.5 PAYMENT SECURITY MARKET, BY INDUSTRY VERTICAL, 2017–2022
- 4.6 LIFE CYCLE ANALYSIS, BY REGION

### 5 MARKET OVERVIEW

- 5.1 PAYMENT SECURITY ARCHITECTURE

## 5.2 USE CASES

### 5.2.1 INTRODUCTION

### 5.2.2 SECURING BUSINESS TRANSACTIONS ACROSS ENTERPRISES USING PAYMENT SECURITY SOLUTIONS

### 5.2.3 PAYMENT SECURITY TO PROTECT CARDHOLDER'S DATA FROM UNAUTHORIZED ACCESSES

### 5.2.4 ADOPTION OF PAYMENT SECURITY SOLUTIONS IN THE RETAIL INDUSTRY

### 5.2.5 POINT-TO-POINT ENCRYPTION (P2PE) IS HELPING HEALTHCARE INDUSTRY TO KEEP PATIENT PAYMENT DATA SAFE

### 5.2.6 IMPLEMENTATION OF PAYMENT SECURITY SOLUTIONS ACROSS TRAVEL AND TRANSPORT INDUSTRY

## 5.3 PAYMENT SECURITY BY TYPE

### 5.3.1 INTRODUCTION

### 5.3.2 MOBILE-BASED PAYMENT SECURITY

### 5.3.3 WEB-BASED PAYMENT SECURITY

### 5.3.4 POS-BASED PAYMENT SECURITY

## 5.4 MARKET DYNAMICS

### 5.4.1 DRIVERS

#### 5.4.1.1 Increased adoption of digital payment modes

#### 5.4.1.2 Need to adhere to PCI DSS guidelines

#### 5.4.1.3 Rise in fraudulent activities in eCommerce

### 5.4.2 RESTRAINTS

#### 5.4.2.1 Lack of trust on online banking

### 5.4.3 OPPORTUNITIES

#### 5.4.3.1 Rise in demand of advanced payment security solutions for digital eCommerce

#### 5.4.3.2 Increasing use of payment applications across different industry verticals

### 5.4.4 CHALLENGES

#### 5.4.4.1 Low level of awareness of online payments in rural areas

#### 5.4.4.2 High costs of advanced payment security solutions

## 6 PAYMENT SECURITY MARKET ANALYSIS, BY COMPONENT

### 6.1 INTRODUCTION

### 6.2 SOLUTIONS

#### 6.2.1 ENCRYPTION

#### 6.2.2 TOKENIZATION

#### 6.2.3 FRAUD DETECTION AND PREVENTION

## 6.3 SERVICES

### 6.3.1 INTEGRATION SERVICES

### 6.3.2 SUPPORT SERVICES

### 6.3.3 CONSULTING SERVICES

## 7 PAYMENT SECURITY MARKET ANALYSIS, BY ORGANIZATION SIZE

### 7.1 INTRODUCTION

### 7.2 LARGE ENTERPRISES

### 7.3 SMALL AND MEDIUM-SIZED ENTERPRISES

## 8 PAYMENT SECURITY MARKET ANALYSIS, BY VERTICAL

### 8.1 INTRODUCTION

### 8.2 RETAIL

### 8.3 TRAVEL AND HOSPITALITY

### 8.4 HEALTHCARE

### 8.5 IT AND TELECOM

### 8.6 EDUCATION

### 8.7 MEDIA AND ENTERTAINMENT

### 8.8 OTHERS

## 9 GEOGRAPHIC ANALYSIS

### 9.1 INTRODUCTION

### 9.2 NORTH AMERICA

### 9.3 EUROPE

### 9.4 ASIA PACIFIC

### 9.5 MIDDLE EAST AND AFRICA

### 9.6 LATIN AMERICA

## 10 COMPETITIVE LANDSCAPE

### 10.1 MICROQUADRANT OVERVIEW

#### 10.1.1 VISIONARY LEADERS

#### 10.1.2 INNOVATORS

#### 10.1.3 DYNAMIC DIFFERENTIATORS

#### 10.1.4 EMERGING COMPANIES

### 10.2 COMPETITIVE BENCHMARKING

10.2.1 STRENGTH OF PRODUCT OFFERING OF MAJOR PLAYERS IN THE  
PAYMENT SECURITY MARKET

10.2.2 BUSINESS STRATEGY EXCELLENCE OF MAJOR PLAYERS IN THE  
PAYMENT SECURITY MARKET

10.3 COMPETITIVE LEADERSHIP MAPPING

## **11 COMPANY PROFILES**

(Business Overview, Strength of product portfolio, Business strategy excellence, Recent developments)\*

11.1 BLUEFIN PAYMENT SYSTEMS

11.2 BRAINTREE

11.3 CYBERSOURCE

11.4 ELAVON

11.5 INDEX

11.6 INGENICO EPAYMENTS

11.7 INTELLIGENT PAYMENTS

11.8 GEOBRIDGE CORPORATION

11.9 SHIFT4 CORPORATION

11.10 SISA INFORMATION SECURITY

11.11 SIGNIFYD

11.12 TNS

11.13 TOKENEX

\*Details on Overview, Strength of product portfolio, Business strategy excellence, Recent developments might not be captured in case of unlisted companies.

## **12 APPENDIX**

12.1 DISCUSSION GUIDE

12.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

12.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

12.4 AVAILABLE CUSTOMIZATIONS

12.5 RELATED REPORTS

12.6 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

TABLE 1 EVALUATION CRITERIA

TABLE 2 PAYMENT SECURITY MARKET SIZE AND GROWTH RATE, 2015–2022  
(USD MILLION, Y-O-Y %)

TABLE 3 PAYMENT SECURITY MARKET SIZE, BY COMPONENT, 2015–2022 (USD  
MILLION)

TABLE 4 PAYMENT SECURITY MARKET SIZE, BY SOLUTION, 2015–2022 (USD  
MILLION)

TABLE 5 SOLUTIONS: PAYMENT SECURITY MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

TABLE 6 ENCRYPTION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 7 TOKENIZATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 8 FRAUD DETECTION AND PREVENTION MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

TABLE 9 PAYMENT SECURITY MARKET SIZE, BY SERVICE, 2015–2025 (USD  
MILLION)

TABLE 10 SERVICES: PAYMENT SECURITY MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

TABLE 11 INTEGRATION SERVICES MARKET SIZE, BY REGION, 2015–2022 (USD  
MILLION)

TABLE 12 SUPPORT SERVICES MARKET SIZE, BY REGION, 2015–2022 (USD  
MILLION)

TABLE 13 CONSULTING SERVICES MARKET SIZE, BY REGION, 2015–2022 (USD  
MILLION)

TABLE 14 PAYMENT SECURITY MARKET SIZE, BY ORGANIZATION SIZE,  
2015–2022 (USD MILLION)

TABLE 15 LARGE ENTERPRISES: PAYMENT SECURITY MARKET SIZE, BY  
REGION, 2015–2022 (USD MILLION)

TABLE 16 SMALL AND MEDIUM-SIZED ENTERPRISES: PAYMENT SECURITY  
MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 17 PAYMENT SECURITY MARKET SIZE, BY VERTICAL, 2015–2022 (USD  
MILLION)

TABLE 18 RETAIL: PAYMENT SECURITY MARKET SIZE, BY REGION, 2015–2022  
(USD MILLION)

TABLE 19 TRAVEL AND HOSPITALITY: PAYMENT SECURITY MARKET SIZE, BY  
REGION, 2015–2022 (USD MILLION)



TABLE 20 HEALTHCARE: PAYMENT SECURITY MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

TABLE 21 IT AND TELECOM: PAYMENT SECURITY MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

TABLE 22 EDUCATION: PAYMENT SECURITY MARKET SIZE, BY REGION,  
2015–2022 (USD MILLION)

TABLE 23 MEDIA AND ENTERTAINMENT: PAYMENT SECURITY MARKET SIZE,  
BY REGION, 2015–2022 (USD MILLION)

TABLE 24 OTHERS: PAYMENT SECURITY MARKET SIZE, BY REGION, 2015–2022  
(USD MILLION)

TABLE 25 PAYMENT SECURITY MARKET SIZE, BY REGION, 2015–2022 (USD  
MILLION)

TABLE 26 NORTH AMERICA: PAYMENT SECURITY MARKET SIZE, BY  
COMPONENT, 2015–2022 (USD MILLION)

TABLE 27 NORTH AMERICA: PAYMENT SECURITY MARKET SIZE, BY SOLUTION,  
2015–2022 (USD MILLION)

TABLE 28 NORTH AMERICA: PAYMENT SECURITY MARKET SIZE, BY SERVICE,  
2015–2022 (USD MILLION)

TABLE 29 NORTH AMERICA: PAYMENT SECURITY MARKET SIZE, BY  
ORGANIZATION SIZE, 2015–2022 (USD MILLION)

TABLE 30 NORTH AMERICA: PAYMENT SECURITY MARKET SIZE, BY VERTICAL,  
2015–2022 (USD MILLION)

TABLE 31 EUROPE: PAYMENT SECURITY MARKET SIZE, BY COMPONENT,  
2015–2022 (USD MILLION)

TABLE 32 EUROPE: PAYMENT SECURITY MARKET SIZE, BY SOLUTION,  
2015–2022 (USD MILLION)

TABLE 33 EUROPE: PAYMENT SECURITY MARKET SIZE, BY SERVICE, 2015–2022  
(USD MILLION)

TABLE 34 EUROPE: PAYMENT SECURITY MARKET SIZE, BY ORGANIZATION  
SIZE, 2015–2022 (USD MILLION)

TABLE 35 EUROPE: PAYMENT SECURITY MARKET SIZE, BY VERTICAL,  
2015–2022 (USD MILLION)

TABLE 36 ASIA PACIFIC: PAYMENT SECURITY MARKET SIZE, BY COMPONENT,  
2015–2022 (USD MILLION)

TABLE 37 ASIA PACIFIC: PAYMENT SECURITY MARKET SIZE, BY SOLUTION,  
2015–2022 (USD MILLION)

TABLE 38 ASIA PACIFIC: PAYMENT SECURITY MARKET SIZE, BY SERVICE,  
2015–2022 (USD MILLION)

TABLE 39 ASIA PACIFIC: PAYMENT SECURITY MARKET SIZE, BY ORGANIZATION

SIZE, 2015–2022 (USD MILLION)

TABLE 40 ASIA PACIFIC: PAYMENT SECURITY MARKET SIZE, BY VERTICAL, 2015–2022 (USD MILLION)

TABLE 41 MIDDLE EAST AND AFRICA: PAYMENT SECURITY MARKET SIZE, BY COMPONENT, 2015–2022 (USD MILLION)

TABLE 42 MIDDLE EAST AND AFRICA: PAYMENT SECURITY MARKET SIZE, BY SOLUTION, 2015–2022 (USD MILLION)

TABLE 43 MIDDLE EAST AND AFRICA: PAYMENT SECURITY MARKET SIZE, BY SERVICE, 2015–2022 (USD MILLION)

TABLE 44 MIDDLE EAST AND AFRICA: PAYMENT SECURITY MARKET SIZE, BY ORGANIZATION SIZE, 2015–2022 (USD MILLION)

TABLE 45 MIDDLE EAST AND AFRICA: PAYMENT SECURITY MARKET SIZE, BY VERTICAL, 2015–2022 (USD MILLION)

TABLE 46 LATIN AMERICA: PAYMENT SECURITY MARKET SIZE, BY COMPONENT, 2015–2022 (USD MILLION)

TABLE 47 LATIN AMERICA: PAYMENT SECURITY MARKET SIZE, BY SOLUTION, 2015–2022 (USD MILLION)

TABLE 48 LATIN AMERICA: PAYMENT SECURITY MARKET SIZE, BY SERVICE, 2015–2022 (USD MILLION)

TABLE 49 LATIN AMERICA: PAYMENT SECURITY MARKET SIZE, BY ORGANIZATION SIZE, 2015–2022 (USD MILLION)

TABLE 50 LATIN AMERICA: PAYMENT SECURITY MARKET SIZE, BY VERTICAL, 2015–2022 (USD MILLION)

TABLE 51 PAYMENT SECURITY MARKET: RANKING ANALYSIS

## List Of Figures

### LIST OF FIGURES

FIGURE 1 GLOBAL PAYMENT SECURITY MARKET: MARKET SEGMENTATION

FIGURE 2 GLOBAL PAYMENT SECURITY MARKET: RESEARCH DESIGN

FIGURE 3 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY, DESIGNATION, AND REGION

FIGURE 4 DATA TRIANGULATION

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

FIGURE 7 PAYMENT SECURITY MARKET: ASSUMPTIONS

FIGURE 8 NORTH AMERICA IS EXPECTED TO HOLD THE LARGEST MARKET SHARE IN 2017

FIGURE 9 NEED TO ADHERE TO PCI DSS GUIDELINES AND REACH CUSTOMERS ACROSS THE GLOBE ARE EXPECTED TO BOOST THE PAYMENT SECURITY MARKET

FIGURE 10 ENCRYPTION SOLUTION IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 11 SUPPORT SERVICES SEGMENT IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 12 SMALL AND MEDIUM-SIZED ENTERPRISES SEGMENT IS EXPECTED TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD

FIGURE 13 EDUCATION INDUSTRY VERTICAL IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 14 THE PAYMENT SECURITY MARKET HAS IMMENSE OPPORTUNITIES FOR GROWTH IN ASIA PACIFIC

FIGURE 15 PAYMENT SECURITY ARCHITECTURE

FIGURE 16 PAYMENT SECURITY MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 17 PERCENTAGE OF AMERICANS PRIMARILY USING DIGITAL BANKING (2014–2016)

FIGURE 18 SHARE OF RETAIL ECOMMERCE TRANSACTIONS USING MULTIPLE DEVICES IN 2016

FIGURE 19 ENCRYPTION SEGMENT IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 20 CONSULTING SERVICES SEGMENT IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 21 SMALL AND MEDIUM-SIZED ENTERPRISES SEGMENT IS EXPECTED

TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD  
FIGURE 22 EDUCATION VERTICAL IS EXPECTED TO GROW AT THE HIGHEST  
CAGR DURING THE FORECAST PERIOD  
FIGURE 23 NORTH AMERICA IS EXPECTED TO HOLD THE LARGEST MARKET  
SIZE DURING THE FORECAST PERIOD  
FIGURE 24 NORTH AMERICA: MARKET SNAPSHOT  
FIGURE 25 ASIA PACIFIC: MARKET SNAPSHOT  
FIGURE 26 COMPETITIVE LEADERSHIP MAPPING

## I would like to order

Product name: Payment Security Market by Solution (Encryption, Tokenization, and Fraud Detection and Prevention), Service (Integration, Support, and Consulting), Organization Size (Large Enterprises and SMEs), Industry Vertical, and Region - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/PC92CECEAD9EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/PC92CECEAD9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970