

Online Payment Fraud Detection Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Solution (Fraud Analytics, Authentication, Reporting & Visualization), By Mode (E-payment, Mobile payment, Card payment), By Region, and By Competition, 2020-2030F

Market Report | 2025-12-09 | 185 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$4500.00
- Multi-User License \$5500.00
- Custom Research License \$8000.00

Report description:

Market Overview

The Global Online Payment Fraud Detection Market will grow from USD 9.02 Billion in 2024 to USD 21.75 Billion by 2030 at a 15.80% CAGR. The Global Online Payment Fraud Detection Market encompasses technologies and services designed to identify, prevent, and mitigate fraudulent activities within electronic financial transactions. Primary growth drivers supporting this market include the continuous global expansion of e-commerce adoption and digital payment methods, which inherently increases the volume of online transactions susceptible to fraud.

Key Market Drivers

The online payment fraud detection market is primarily driven by the continuously increasing volume of digital transactions and the expansion of e-commerce. As global commerce increasingly shifts to online platforms, the sheer number of financial interactions creates a larger attack surface for fraudsters, necessitating advanced protective measures. According to Forbes Advisor, in March 2024, e-commerce sales were expected to grow 8.8% in 2024, demonstrating the sustained digital migration of economic activity. This extensive growth in digital transactions directly correlates with a heightened demand for robust fraud detection solutions to monitor and secure these burgeoning payment flows.

Key Market Challenges

The persistent need for continuous innovation in detection methodologies directly impedes the growth of the Global Online Payment Fraud Detection Market. As fraudsters rapidly evolve their techniques and deploy advanced tools, payment fraud detection solution providers face considerable pressure to constantly develop and update their systems. This continuous development cycle demands substantial investment in research and development, increasing operational costs and diverting

resources. The inherent delay in delivering new countermeasures against emerging threats can render existing solutions less effective, potentially eroding confidence in the market's ability to provide comprehensive and lasting protection.

Key Market Trends

The market is experiencing an accelerated integration of AI and machine learning into fraud detection, fundamentally transforming capabilities by enabling systems to analyze vast transactional data and identify complex, evolving fraud patterns with superior accuracy. This technological shift facilitates proactive defense mechanisms over traditional reactive approaches. According to the Association of Certified Fraud Examiners (ACFE), in February 2024, 83% of organizations were expected to implement generative AI in their anti-fraud programs by 2026, demonstrating significant industry commitment.

Key Market Players

- Kount, Inc.
- Pindrop Security
- Whitepages Inc.
- Visa Inc.
- ClearSale LLC
- Imperva, Inc.
- Accertify Inc.
- PayPal Holdings, Inc.
- Sift Science, Inc.
- F5, Inc.

Report Scope:

In this report, the Global Online Payment Fraud Detection Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

-□Online Payment Fraud Detection Market, By Solution:

- o Fraud Analytics
- o Authentication
- o Reporting & Visualization

-□Online Payment Fraud Detection Market, By Mode:

- o E-payment
- o Mobile payment
- o Card payment

-□Online Payment Fraud Detection Market, By Region:

- o North America
 - United States
 - Canada
 - Mexico
- o Europe
 - France
 - United Kingdom
 - Italy
 - Germany
 - Spain
- o South America
 - Brazil
 - Argentina
 - Colombia
- o Middle East & Africa
 - South Africa

□ Saudi Arabia

□ UAE

○ Asia Pacific

□ China

□ India

□ Japan

□ Australia

□ South Korea

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Online Payment Fraud Detection Market.

Available Customizations:

Global Online Payment Fraud Detection Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations
 2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validation
 - 2.7. Assumptions and Limitations
 3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations
 - 3.3. Overview of Key Market Players
 - 3.4. Overview of Key Regions/Countries
 - 3.5. Overview of Market Drivers, Challenges, Trends
 4. Voice of Customer
 5. Global Online Payment Fraud Detection Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Solution (Fraud Analytics, Authentication, Reporting & Visualization)
 - 5.2.2. By Mode (E-payment, Mobile payment, Card payment)
 - 5.2.3. By Region
 - 5.2.4. By Company (2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.3. Market Map

6. North America Online Payment Fraud Detection Market Outlook

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Solution

6.2.2. By Mode

6.2.3. By Country

6.3. North America: Country Analysis

6.3.1. United States Online Payment Fraud Detection Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Solution

6.3.1.2.2. By Mode

6.3.2. Canada Online Payment Fraud Detection Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Solution

6.3.2.2.2. By Mode

6.3.3. Mexico Online Payment Fraud Detection Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Solution

6.3.3.2.2. By Mode

7. Europe Online Payment Fraud Detection Market Outlook

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Solution

7.2.2. By Mode

7.2.3. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Online Payment Fraud Detection Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Solution

7.3.1.2.2. By Mode

7.3.2. France Online Payment Fraud Detection Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Solution

7.3.2.2.2. By Mode

7.3.3. United Kingdom Online Payment Fraud Detection Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Solution

7.3.3.2.2. By Mode

7.3.4. Italy Online Payment Fraud Detection Market Outlook

7.3.4.1. Market Size & Forecast

7.3.4.1.1. By Value

7.3.4.2. Market Share & Forecast

7.3.4.2.1. By Solution

7.3.4.2.2. By Mode

7.3.5. Spain Online Payment Fraud Detection Market Outlook

7.3.5.1. Market Size & Forecast

7.3.5.1.1. By Value

7.3.5.2. Market Share & Forecast

7.3.5.2.1. By Solution

7.3.5.2.2. By Mode

8. Asia Pacific Online Payment Fraud Detection Market Outlook

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Solution

8.2.2. By Mode

8.2.3. By Country

8.3. Asia Pacific: Country Analysis

8.3.1. China Online Payment Fraud Detection Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Solution

8.3.1.2.2. By Mode

8.3.2. India Online Payment Fraud Detection Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Solution

8.3.2.2.2. By Mode

8.3.3. Japan Online Payment Fraud Detection Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Solution

8.3.3.2.2. By Mode

8.3.4. South Korea Online Payment Fraud Detection Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

- 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Solution
 - 8.3.4.2.2. By Mode
- 8.3.5. Australia Online Payment Fraud Detection Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Solution
 - 8.3.5.2.2. By Mode
- 9. Middle East & Africa Online Payment Fraud Detection Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value
 - 9.2. Market Share & Forecast
 - 9.2.1. By Solution
 - 9.2.2. By Mode
 - 9.2.3. By Country
 - 9.3. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia Online Payment Fraud Detection Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Solution
 - 9.3.1.2.2. By Mode
 - 9.3.2. UAE Online Payment Fraud Detection Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.1.2. Market Share & Forecast
 - 9.3.2.2.1. By Solution
 - 9.3.2.2.2. By Mode
 - 9.3.3. South Africa Online Payment Fraud Detection Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.1.2. Market Share & Forecast
 - 9.3.3.2.1. By Solution
 - 9.3.3.2.2. By Mode
 - 10. South America Online Payment Fraud Detection Market Outlook
 - 10.1. Market Size & Forecast
 - 10.1.1. By Value
 - 10.2. Market Share & Forecast
 - 10.2.1. By Solution
 - 10.2.2. By Mode
 - 10.2.3. By Country
 - 10.3. South America: Country Analysis
 - 10.3.1. Brazil Online Payment Fraud Detection Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.1.2. Market Share & Forecast

- 10.3.1.2.1. By Solution
- 10.3.1.2.2. By Mode
- 10.3.2. Colombia Online Payment Fraud Detection Market Outlook
- 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.1.2. Market Share & Forecast
- 10.3.2.2.1. By Solution
- 10.3.2.2.2. By Mode
- 10.3.3. Argentina Online Payment Fraud Detection Market Outlook
- 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.1.2. Market Share & Forecast
- 10.3.3.2.1. By Solution
- 10.3.3.2.2. By Mode
- 11. Market Dynamics
 - 11.1. Drivers
 - 11.2. Challenges
- 12. Market Trends & Developments
 - 12.1. Merger & Acquisition (If Any)
 - 12.2. Product Launches (If Any)
 - 12.3. Recent Developments
- 13. Global Online Payment Fraud Detection Market: SWOT Analysis
- 14. Porter's Five Forces Analysis
 - 14.1. Competition in the Industry
 - 14.2. Potential of New Entrants
 - 14.3. Power of Suppliers
 - 14.4. Power of Customers
 - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
 - 15.1. Kount, Inc.
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel
 - 15.1.5. SWOT Analysis
 - 15.2. Pindrop Security
 - 15.3. Whitepages Inc.
 - 15.4. Visa Inc.
 - 15.5. ClearSale LLC
 - 15.6. Imperva, Inc.
 - 15.7. Accertify Inc.
 - 15.8. PayPal Holdings, Inc.
 - 15.9. Sift Science, Inc.
 - 15.10. F5, Inc.
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

Online Payment Fraud Detection Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Solution (Fraud Analytics, Authentication, Reporting & Visualization), By Mode (E-payment, Mobile payment, Card payment), By Region, and By Competition, 2020-2030F

Market Report | 2025-12-09 | 185 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4500.00
	Multi-User License	\$5500.00
	Custom Research License	\$8000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

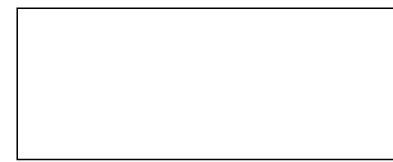
tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-02-07

Signature



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com