

# **QR Code Payment Market Forecasts to 2032 – Global Analysis By Payment Type (Static QR Code Payments, Dynamic QR Code Payments, Peer-to-Peer (P2P) Transfers, Merchant Payments and Bill & Utility Payments), Platform, Deployment Model, Technology, Application, End User and By Geography**

<https://marketpublishers.com/r/Q43EEAC20A4DEN.html>

Date: October 2025

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: Q43EEAC20A4DEN

## **Abstracts**

According to Statistics MRC, the Global QR Code Payment Market is accounted for \$15.2 billion in 2025 and is expected to reach \$61.5 billion by 2032 growing at a CAGR of 22% during the forecast period. A QR Code Payment is a digital payment method that enables consumers to make transactions by scanning a Quick Response (QR) code using a smartphone or compatible device. The QR code contains the merchant's payment information, allowing instant transfer of funds from the user's account or digital wallet to the merchant's account. This contactless payment system eliminates the need for physical cards or cash, offering a secure, fast, and convenient way to pay for goods and services in both online and offline environments.

### **Market Dynamics:**

Driver:

Smartphone penetration and digital literacy

Smartphone penetration and digital literacy are expanding the user base for QR code payment systems across urban and semi-urban regions. Retailers, transport operators, and service providers are adopting QR-based transactions to reduce hardware dependency and improve checkout speed. Mobile-first economies are driving demand

for app-integrated payment flows. Fintechs and banks are embedding QR functionality into wallets and banking apps to increase reach. Government-backed digital inclusion programs are reinforcing adoption. The market is transitioning toward frictionless, device-agnostic payment experiences.

Restraint:

Security concerns and fraudulent activities

Security concerns and fraudulent activities are undermining trust in QR-based transactions. Users remain cautious about scanning codes from unknown sources due to phishing risks and spoofed redirects. Payment providers must implement dynamic code generation, encryption protocols, and real-time fraud detection to maintain integrity. Regulatory scrutiny around consumer protection and data privacy is intensifying. Incidents of unauthorized access and transaction manipulation are prompting tighter compliance frameworks. These risks are slowing adoption in high-value and enterprise-grade use cases.

Opportunity:

Cost-effectiveness for small and medium enterprises (SMEs)

QR code payments eliminate the need for expensive POS hardware and reduce transaction fees. Merchants are using static and dynamic codes to manage payments, loyalty programs, and digital receipts. Integration with accounting tools and inventory systems is improving operational efficiency. Fintechs are offering bundled solutions tailored to local languages and tax regimes. This momentum is enabling hyperlocal commerce and digital onboarding.

Threat:

Consumer fatigue due to overuse

Users are encountering QR codes across retail, transit, advertising, and social media, leading to desensitization and reduced interaction. Poor user experience, cluttered interfaces, and inconsistent functionality can degrade trust. Developers must balance utility with simplicity to maintain relevance. Overexposure without clear value propositions is prompting users to revert to familiar payment methods. These behavioral shifts are reshaping design and communication strategies.

**Covid-19 Impact:**

The pandemic accelerated QR code payment adoption as contactless transactions became essential for safety and continuity. Retailers and service providers deployed QR systems to minimize physical interaction and streamline checkout. Governments promoted digital payments to reduce cash handling and support remote commerce. Investment in mobile infrastructure and app development surged during recovery. Consumer trust in QR-based platforms increased as they became central to daily transactions. The crisis permanently elevated QR payments from optional convenience to public health infrastructure.

The dynamic QR code payments segment is expected to be the largest during the forecast period

The dynamic QR code payments segment is expected to account for the largest market share during the forecast period due to their flexibility, security, and real-time integration capabilities. These codes are generated per transaction and linked to specific amounts, merchants, and timestamps. Retailers and service providers are using dynamic codes to manage inventory, loyalty, and fraud prevention. Integration with banking apps and payment gateways is improving interoperability. Demand for secure and personalized payment experiences is reinforcing segment dominance.

The blockchain-enabled QR payments segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the blockchain-enabled QR payments segment is predicted to witness the highest growth rate as decentralized finance and token-based transactions gain traction. These systems offer enhanced transparency, traceability, and security across peer-to-peer and cross-border payments. Developers are integrating smart contracts and digital wallets to support programmable transactions. Use cases are expanding across remittances, retail, and supply chain finance. Regulatory interest in blockchain standards is accelerating infrastructure development. This segment is redefining QR payments through distributed ledger innovation.

**Region with largest share:**

During the forecast period, the North America region is expected to hold the largest market share due to its mature fintech ecosystem, high digital adoption, and regulatory

clarity. The United States and Canada are scaling QR code payments across retail, hospitality, and transit sectors. Investment in mobile banking, wallet integration, and fraud prevention is driving platform maturity. Presence of leading payment providers and tech firms is reinforcing market strength. Government support for digital commerce and financial inclusion is accelerating deployment. The region remains the benchmark for QR payment innovation.

### **Region with highest CAGR:**

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR as mobile penetration, digital literacy, and fintech innovation converge. Countries like China, India, Indonesia, and Vietnam are scaling QR code payments across urban and rural populations. Local providers are launching multilingual, low-bandwidth apps tailored to regional needs. Government-backed digitization programs and startup ecosystems are accelerating adoption. Demand for inclusive, low-cost payment solutions is rising across demographics.

### **Key players in the market**

Some of the key players in QR Code Payment Market include Alipay.com Co., Ltd., Tenpay Technology Company Limited, One97 Communications Limited, PhonePe Private Limited, Google LLC, Amazon Pay (India) Private Limited, BharatPe, MobiKwik Systems Limited, Block, Inc., PayPal, Inc., Revolut Technologies Inc., LINE Pay Corporation, UnionPay International Co., Ltd., Nearex Pte Ltd. and ACI Worldwide, Inc.

### **Key Developments:**

In October 2024, Tenpay Global partnered with TerraPay to enable international money transfers directly to over one billion Weixin and WeChat Pay users in China. This collaboration enhances QR code interoperability and simplifies remittance flows, aligning with Tenpay's goal to expand seamless digital wallet access across borders.

In June 2024, Alipay introduced 'Alipay Tap!', a QR code-based contactless payment and customer engagement solution in China. This innovation allowed users to complete transactions by simply tapping their unlocked smartphones against a merchant's terminal or an Alipay Tap! Tag, eliminating the need to open an app, scan a code, or navigate multiple screens.

### **Payment Types Covered:**

Static QR Code Payments

Dynamic QR Code Payments

Peer-to-Peer (P2P) Transfers

Merchant Payments

Bill & Utility Payments

#### Platforms Covered:

Mobile Wallets

Banking Apps

Payment Aggregators

POS Terminals with QR Integration

Other Platforms

#### Deployment Models Covered:

Cloud-Based

On-Premise

#### Technologies Covered:

EMVCo-Compliant QR Codes

Proprietary QR Code Systems

Blockchain-Enabled QR Payments

NFC-QR Hybrid Solutions

Other Technologies

Applications Covered:

Retail & E-commerce

Food & Beverage

Transportation & Mobility

Healthcare Payments

Education & Tuition

Other Applications

End Users Covered:

Consumers

Merchants & SMEs

Large Enterprises

Public Sector Agencies

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

**Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Technology Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL QR CODE PAYMENT MARKET, BY PAYMENT TYPE**

- 5.1 Introduction
- 5.2 Static QR Code Payments
- 5.3 Dynamic QR Code Payments
- 5.4 Peer-to-Peer (P2P) Transfers
- 5.5 Merchant Payments
- 5.6 Bill & Utility Payments

## **6 GLOBAL QR CODE PAYMENT MARKET, BY PLATFORM**

- 6.1 Introduction
- 6.2 Mobile Wallets
- 6.3 Banking Apps
- 6.4 Payment Aggregators
- 6.5 POS Terminals with QR Integration
- 6.6 Other Platforms

## **7 GLOBAL QR CODE PAYMENT MARKET, BY DEPLOYMENT MODEL**

- 7.1 Introduction
- 7.2 Cloud-Based
- 7.3 On-Premise

## **8 GLOBAL QR CODE PAYMENT MARKET, BY TECHNOLOGY**

- 8.1 Introduction
- 8.2 EMVCo-Compliant QR Codes
- 8.3 Proprietary QR Code Systems
- 8.4 Blockchain-Enabled QR Payments
- 8.5 NFC-QR Hybrid Solutions
- 8.6 Other Technologies

## **9 GLOBAL QR CODE PAYMENT MARKET, BY APPLICATION**

- 9.1 Introduction
- 9.2 Retail & E-commerce
- 9.3 Food & Beverage

- 9.4 Transportation & Mobility
- 9.5 Healthcare Payments
- 9.6 Education & Tuition
- 9.7 Other Applications

## **10 GLOBAL QR CODE PAYMENT MARKET, BY END USER**

- 10.1 Introduction
- 10.2 Consumers
- 10.3 Merchants & SMEs
- 10.4 Large Enterprises
- 10.5 Public Sector Agencies
- 10.6 Other End Users

## **11 GLOBAL QR CODE PAYMENT MARKET, BY GEOGRAPHY**

- 11.1 Introduction
- 11.2 North America
  - 11.2.1 US
  - 11.2.2 Canada
  - 11.2.3 Mexico
- 11.3 Europe
  - 11.3.1 Germany
  - 11.3.2 UK
  - 11.3.3 Italy
  - 11.3.4 France
  - 11.3.5 Spain
  - 11.3.6 Rest of Europe
- 11.4 Asia Pacific
  - 11.4.1 Japan
  - 11.4.2 China
  - 11.4.3 India
  - 11.4.4 Australia
  - 11.4.5 New Zealand
  - 11.4.6 South Korea
  - 11.4.7 Rest of Asia Pacific
- 11.5 South America
  - 11.5.1 Argentina
  - 11.5.2 Brazil

- 11.5.3 Chile
- 11.5.4 Rest of South America
- 11.6 Middle East & Africa
  - 11.6.1 Saudi Arabia
  - 11.6.2 UAE
  - 11.6.3 Qatar
  - 11.6.4 South Africa
  - 11.6.5 Rest of Middle East & Africa

## **12 KEY DEVELOPMENTS**

- 12.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 12.2 Acquisitions & Mergers
- 12.3 New Product Launch
- 12.4 Expansions
- 12.5 Other Key Strategies

## **13 COMPANY PROFILING**

- 13.1 Alipay.com Co., Ltd.
- 13.2 Tenpay Technology Company Limited
- 13.3 One97 Communications Limited
- 13.4 PhonePe Private Limited
- 13.5 Google LLC
- 13.6 Amazon Pay (India) Private Limited
- 13.7 BharatPe
- 13.8 MobiKwik Systems Limited
- 13.9 Block, Inc.
- 13.10 PayPal, Inc.
- 13.11 Revolut Technologies Inc.
- 13.12 LINE Pay Corporation
- 13.13 UnionPay International Co., Ltd.
- 13.14 Nearex Pte Ltd.
- 13.15 ACI Worldwide, Inc.

## List Of Tables

### LIST OF TABLES

Table 1 Global QR Code Payment Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global QR Code Payment Market Outlook, By Payment Type (2024-2032) (\$MN)

Table 3 Global QR Code Payment Market Outlook, By Static QR Code Payments (2024-2032) (\$MN)

Table 4 Global QR Code Payment Market Outlook, By Dynamic QR Code Payments (2024-2032) (\$MN)

Table 5 Global QR Code Payment Market Outlook, By Peer-to-Peer (P2P) Transfers (2024-2032) (\$MN)

Table 6 Global QR Code Payment Market Outlook, By Merchant Payments (2024-2032) (\$MN)

Table 7 Global QR Code Payment Market Outlook, By Bill & Utility Payments (2024-2032) (\$MN)

Table 8 Global QR Code Payment Market Outlook, By Platform (2024-2032) (\$MN)

Table 9 Global QR Code Payment Market Outlook, By Mobile Wallets (2024-2032) (\$MN)

Table 10 Global QR Code Payment Market Outlook, By Banking Apps (2024-2032) (\$MN)

Table 11 Global QR Code Payment Market Outlook, By Payment Aggregators (2024-2032) (\$MN)

Table 12 Global QR Code Payment Market Outlook, By POS Terminals with QR Integration (2024-2032) (\$MN)

Table 13 Global QR Code Payment Market Outlook, By Other Platforms (2024-2032) (\$MN)

Table 14 Global QR Code Payment Market Outlook, By Deployment Model (2024-2032) (\$MN)

Table 15 Global QR Code Payment Market Outlook, By Cloud-Based (2024-2032) (\$MN)

Table 16 Global QR Code Payment Market Outlook, By On-Premise (2024-2032) (\$MN)

Table 17 Global QR Code Payment Market Outlook, By Technology (2024-2032) (\$MN)

Table 18 Global QR Code Payment Market Outlook, By EMVCo-Compliant QR Codes (2024-2032) (\$MN)

Table 19 Global QR Code Payment Market Outlook, By Proprietary QR Code Systems (2024-2032) (\$MN)

Table 20 Global QR Code Payment Market Outlook, By Blockchain-Enabled QR

Payments (2024-2032) (\$MN)

Table 21 Global QR Code Payment Market Outlook, By NFC-QR Hybrid Solutions (2024-2032) (\$MN)

Table 22 Global QR Code Payment Market Outlook, By Other Technologies (2024-2032) (\$MN)

Table 23 Global QR Code Payment Market Outlook, By Application (2024-2032) (\$MN)

Table 24 Global QR Code Payment Market Outlook, By Retail & E-commerce (2024-2032) (\$MN)

Table 25 Global QR Code Payment Market Outlook, By Food & Beverage (2024-2032) (\$MN)

Table 26 Global QR Code Payment Market Outlook, By Transportation & Mobility (2024-2032) (\$MN)

Table 27 Global QR Code Payment Market Outlook, By Healthcare Payments (2024-2032) (\$MN)

Table 28 Global QR Code Payment Market Outlook, By Education & Tuition (2024-2032) (\$MN)

Table 29 Global QR Code Payment Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 30 Global QR Code Payment Market Outlook, By End User (2024-2032) (\$MN)

Table 31 Global QR Code Payment Market Outlook, By Consumers (2024-2032) (\$MN)

Table 32 Global QR Code Payment Market Outlook, By Merchants & SMEs (2024-2032) (\$MN)

Table 33 Global QR Code Payment Market Outlook, By Large Enterprises (2024-2032) (\$MN)

Table 34 Global QR Code Payment Market Outlook, By Public Sector Agencies (2024-2032) (\$MN)

Table 35 Global QR Code Payment Market Outlook, By Other End Users (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

Product name: QR Code Payment Market Forecasts to 2032 – Global Analysis By Payment Type (Static QR Code Payments, Dynamic QR Code Payments, Peer-to-Peer (P2P) Transfers, Merchant Payments and Bill & Utility Payments), Platform, Deployment Model, Technology, Application, End User and By Geography

Product link: <https://marketpublishers.com/r/Q43EEAC20A4DEN.html>

Price: US\$ 4,150.00 (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/Q43EEAC20A4DEN.html>