

## Executive Welcome

Over recent years, the payments ecosystem has expanded to incorporate new technologies across the face to face and remote payment environments.

As payment technologies continue to advance, EMVCo is committed to evolving the EMV<sup>®</sup> Specifications to promote global interoperability and enhance security.

This commitment has been demonstrated with the recent publication of various initiatives to address emerging challenges and meet new requirements, including:

- [EMV<sup>®</sup> Payment Tokenisation Specification - Technical Framework v2.0](#)
- Two [QR Code payment specifications](#) that support merchant-presented QR Code and consumer-presented QR Code use cases
- [EMV<sup>®</sup> 3-D Secure - Protocol and Core Functions Specification v2.1.0](#)
- [EMV<sup>®</sup> Secure Remote Commerce \(SRC\) - Technical Framework version 1.0](#)

Industry interest in these new initiatives is high. Eight new organisations have joined the EMVCo Associates Programme in the past twelve months to play an active role in the strategic and technical direction of the EMV Specifications.

T&V S&D, TRUXTUN Capital, NTT DATA, CTC Advanced GmbH and Ant Financial have joined the programme as Technical Associates. Connexus has joined as a Business Associate. Stripe and WIBMO have joined the programme in both a Business and Technical Associate capacity.

If you would be interested in becoming an EMVCo Associate, [contact us](#) to find out more.

To learn how EMVCo's scope has broadened over recent years and the role EMVCo plays within the payments ecosystem today, please read its [Operating Principles](#).

## In This Issue...

**EMV Secure Remote Commerce Technical Framework**  
EMVCo has expanded its specifications in the card-not present environment. [Read more.](#)

**EMV Payment Tokenisation Specification**  
[Learn about](#) EMVCo's updated technical framework and watch the webinar.

**EMV 3-D Secure Specification**  
[Review](#) the latest updates and learn about the upcoming testing structure for EMV 3DS.

**EMV QR Codes Payment Specifications**  
EMVCo has released two QR Code payment specifications. [Read more](#)

**Level 3 Test Tool Qualification Service**  
[Find out how](#) suppliers of L3 card simulators, built in compliance with EMVCo's L3 testing requirements, can now submit their requests for qualification to EMVCo's L3 Secretariat.

**Wearables Webcast**  
[Listen here](#) to learn about the enhancements made to the EMV<sup>®</sup> Mobile Level 1 Type Approval Process to support the submission of wearable form factors.

**Global Transaction Volume Data**  
[View](#) the latest transaction data published by EMVCo.

## EMV Secure Remote Commerce Technical Framework

EMVCo has released [EMV<sup>®</sup> Secure Remote Commerce \(SRC\) - Technical Framework version 1.0](#). The framework describes the roles, high level processes and data descriptions that enable card data to be protected and exchanged in a consistent manner within the remote commerce environment. The technical framework will be followed by the publication of a detailed specification that defines the protocol and core functions.

EMV SRC will address the complexities and potential vulnerabilities within the remote payments environment by defining a consistent approach to promote the secure transmission and interaction of payment card data among participants. This helps reduce exposure to data compromise and simplify merchant support of these solutions.

The goals of EMVCo's SRC work are to:

- Extend the approach to security successfully utilised at the physical point-of-sale to the remote payments environment.
- Reduce ecosystem complexity by providing consistent and simplified integration processes and interfaces among stakeholders.
- Enhance the security of remote commerce websites and applications through the introduction of dynamic data to facilitate the secure transmission of payment and checkout information.
- Provide integration options for other EMV Specifications, including EMV 3-D Secure and EMV Payment Tokenisation.
- Reduce the requirement for cardholder data entry by enabling the consistent identification of the consumer, potentially lowering shopping cart abandonment.

For further information on EMV SRC, read the [Q&A](#).

## EMV Payment Tokenisation Specification

EMVCo has publicly released [EMV<sup>®</sup> Payment Tokenisation Specification - Technical Framework v2.0](#). The latest document addresses the adoption of payment token use cases in e-commerce beyond existing card-on-file, and offers enhancements to how payment tokens can be controlled within a single payments channel.

It also builds on the ecosystem established in version 1.0 by refining the EMV payment tokenisation roles of token service provider (TSP) and token requestor, introducing the roles of the token programme and token user, and detailing their interrelationships within the global payments environment.

To find out more about the key updates in v2.0, visit the [EMVCo website](#) or listen to the EMVCo and Secure Technology Alliance webinar, '[EMV Payment Tokenisation: What's New?](#)'.

- A brief overview of key work items being progress at EMVCo.
- An introduction to EMV payment tokenisation, why it is needed and how it differs from security tokenisation and other forms of tokenisation in the payments ecosystem.
- An explanation of EMVCo's role in payment tokenisation and the common processes and roles it defines.
- Insight into 'what's new' in version 2 of the EMV<sup>®</sup> Payment Tokenisation Specification - Technical Framework.

## EMV 3-D Secure Specification

EMVCo announced the advancement of [EMV<sup>®</sup> 3-D Secure - Protocol and Core Functions Specification v2.1.0](#). Significant updates within version 2.1.0 include the addition of new functionality to enable merchant-initiated account verification, further clarifications on submitting a recurring or instalment payment request to the issuer, and improvements to out-of-band authentication transaction flows for an enhanced customer experience.

This version of the specification will be supported by an EMV testing programme to qualify EMV compliant solutions, to launch in 2018.

EMVCo is also engaged with Payment Card Industry Security Standards Council (PCI SSC) to align on its recently released PCI 3DS Security Standard and related assessment programme. The work of both EMVCo and PCI SSC ensures an agile and workable structure is established for both functional testing and security evaluation of EMV 3DS solutions.

Read the [Q&A](#) for more detailed insights about the EMV 3-D Secure Specification.

## EMV QR Codes Payment Specifications

In July, EMVCo publicly released two QR Code payment specifications that support merchant-presented QR Code and consumer-presented QR Code use cases.

The technical documents define QR Code payments in a manner that simplifies the development and potentially broadens the acceptance of QR Code payment solutions globally.

The EMV<sup>®</sup> QR Code Specification for Payment Systems supports two differing QR Code payment use cases:

- Consumer-presented - the customer displays the QR Code on their mobile device and the merchant uses an optical scanner to read the code.
- Merchant-presented - the merchant displays the QR Code and the customer uses their mobile device to scan the code.

The clarity provided by the specifications will enable merchants to accept QR Code payment solutions from various providers in a standardised manner. Consumers will also benefit from a more uniform experience that offers greater convenience and familiarity.

To learn more about EMVCo's work in this area, read the general Q&A on [EMV QR Code Payments](#).

## EMV Level 3 Test Tool Qualification Service

EMVCo has activated its first phase of Level 3 (L3) Test Tool Qualification Service - qualification of the L3 Card Simulators.

Suppliers of L3 card simulators, built in compliance with EMVCo's L3 testing requirements, can now submit their requests for qualification to EMVCo's L3 Secretariat. The service is intended to ensure conformance to EMV requirements and consistency in the development and deployment of tools used for L3 testing purposes.

EMVCo's work in this area is in response to industry demand and part of its ongoing remit to evolve the EMV Chip Specifications and related testing processes to effectively support current global needs.

For further information about the Qualification Service, [click here](#). To learn more about EMVCo's activity in this area, [read the general Q&A](#).

## EMVCo Wearables Testing Webcast

EMVCo has published a webcast providing an overview of the enhancements made to the EMV<sup>®</sup> Mobile Level 1 Type Approval Process to support the submission of wearable form factors. Wearables are defined by EMVCo as any chip or host card emulation based product that is incorporated into an item of clothing or accessory which supports proximity payments.

[Watch the webcast.](#)

## Global Transaction Volume Data

EMVCo has published transaction data showing that 58.9% of card-present contact and contactless transactions globally were EMV-enabled between July 2016 and June 2017. This represents an increase over the prior year, when 42.4% of transactions were EMV-enabled.

The data reflects average transaction volumes over a 12-month period to account for seasonal variations. Given the ongoing rate of EMV chip technology adoption, EMVCo acknowledges that real-time figures for transaction volumes today are likely to be higher than the reported June 2017 figure.

Visit the [EMVCo website](#) to view the full data.