



Verve Rules

CARD PRODUCTS AND CHIPS

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1. General

1.1 Overview

This document provides baseline guidelines for chip or product approval in the production, printing, personalization, fulfilment, and issuance of Verve card products. It includes Verve's minimum standards, which are the benchmark of strong security and integrity controls within the markets.

While Verve expects strict adherence to the rules and requirements on card products and chips, it does not guarantee or infer that compliance to these standards will prevent any loss, theft, or counterfeit of Verve card products or cardholder information.

1.2 Audience

Verve International provides this document for Issuer members, Acquirer members, Personalization Bureaus and Card Manufacturers.

1.3 Scope

This document covers approval requirements for EMV Chip and product specifications that encompass both contact and contactless payments that ensure interoperability between chip-based payment applications and acceptance terminals.

The Verve EMV chip and card products referred to are payment application(s) resident in a secure chip that is embedded in a plastic payment card (often referred to as a chip card or smart card), personal device such as a mobile phone or other form factors.

1.4 Amendments

Verve may amend these rules at any time. Any changes will become effective within thirty (30) days following notice of such changes or later as may be specified by Verve.

2. Definitions and Principles of Construction

- **Acceptance Mark:** A trademark, trade name, service mark or logo used to designate POIs that accept Cards bearing the same trademark, trade name, service mark or logo.
- **Acquirer:** A Financial Institution that owns, operates, or controls a POI or that otherwise has assumed liability for the acceptance of Cards at a POI.
- **Card:** Any plastic card or other device that can be used to initiate a payment transaction at a POI, including a debit, credit, or stored value card or a card number (whether associated with a physical device) that is formatted in accordance with Verve's card number conventions.
- **CTA LOA:** Verve card type letter of approval is based on compliance with certification requirements. It is designed for card vendors selling chip cards to issuers or their card personalization service providers.
- **DI:** Dual Interface chip card that allows the card to be used in both contact and contactless transactions.
- **EMVCo:** A company that manages, maintains, and enhances the EMV Chip Specifications jointly owned by the payment systems.
- **Member:** Issuer, Acquirer, Vendor and Processor
- **Member Agreement:** Agreement executed by Verve and a Member who assumes responsibility for the role and agrees, among other things, to be bound by and comply with the Rules.
- **NFC:** Near Field Communication refers to short-range high frequency wireless communication technology which enables the exchange of data between devices over about a 10-centimeter distance.
- **Operating Standards:** The Rules, Technical Specifications, and other policies, procedures, guidelines, and requirements as may be promulgated by Verve from time to time in connection with the operation of the Verve Network
- **PCI:** Payment Card Industry Security Standards Council.
- **PIN:** Personal Identification Number.
- **POI:**(or point of interaction) means a physical or virtual location, including an ATM, In-Branch Terminal, POS Terminal, website, or voice response unit (VRU), at which a Cardholder can use a Card to undertake a Transaction.
- **Rules:** Verve Network Rules.
- **Scheme:** A payment system utilizing a common acceptance mark and a common rule set to govern the exchange of financial transactions among Financial Institution members in such payment system.
- **Technical Specifications:** The technical standards adopted by Verve from time to time that Members are required to meet to establish connections to the Verve Network and process Transactions.
- **Terminal:** ATM, In-Branch Terminal, or POS Terminal.
- **Transaction:** Financial or non-financial message initiated with a Card at a POI and routed through Verve Network, including an Exception Item related thereto.
- **Transaction Information:** Information other than Cardholder Information that is derived from a transaction and that is identifiable to a specific Card or Cardholder.

3. Approval Requirements

Approval for card products using Verve Mark requires that:

- i. The approved Verve products and integrated circuit (IC) cards are in line with the enterprise standard (EMV® standard). Hence, only the approved Verve EMV smart cards (contact cards and contactless cards) embedded with Integrated Circuit (IC), often referred to as a chip or microprocessor, will be used for products such as debit, prepaid and cards credit, transport cards, Identifications cards etc.
 - ii. Members are expected to provide Product/Technical Datasheet for review.
 - iii. **EMV Letter of Approval.** Members must obtain EMVCo Letter of Approval for Approved/Evaluated Products to be used for Verve. This is to ensure compliance of vendor products, developed to specifications, and that they have passed testing prior to deployment in the field.
 - iv. Members must also ensure Approved/Evaluated Products from EMVCo do not exceed Approval Expiration Date on the LOA. Evidence of renewal must be provided where product will be extended.
 - v. Members are also expected to obtain Verve CTA LOA for approved products.
 - vi. As a subscriber to the EMV® standard, members are also expected to comply with the underlisted standards.
 - **International Organisation for Standardisation: ISO/IEC 7816:** Identification Cards – Integrated Circuit(s) Cards and **ISO/IEC 14443:** Identification Cards – Contactless Integrated Circuit(s) Cards – Proximity Cards
 - **Payment Card Industry Security Standards Council (PCI SSC):** Promote the use of data security guidelines and resources to ensure secure payments globally.
 - **The Near Field Communication (NFC) Forum** –Responsible for developing the specifications for communication between NFC devices and services.
 - **Global Platform** - Review the functionality and security of platforms on which an EMV chip payment application will reside.
 - vii. Members must comply with the Verve brand products technical specifications and activities like screening assessment, card personalisation validation, periodic card quality tests, process evaluation, and post-approval monitoring of products and chips.
 - viii. Members must ensure approved products go through the Verve Testing and Certification platform (<https://portal.certification.myverveworld.com>) designed to provide extensive automated testing and services to Scheme members.
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4. Card Products and Chips

The table below displays a list of Verve card products with the following categories:

4.1. Certified and Approved

S/N	Vendor	Reference	Card Interface	OS	Chip Product	Chip Product Expiry Date
1	Eastcompeace	CTA-Verve-231123_11500013	Verve Dual	Java	JCESDOD	18/08/2026
2	Giesecke+Devrient Mobile Security GmbH	CTA-Verve-230315_18230008	Verve Dual	Java	Convegjo Join B.10 r0 v	18/02/2026
3	Hengbao Co., Ltd.	CTA-Verve-230420_10530009	Verve Dual	Java	UranusMVP-Multi	06/05/2026
4	Thales	CTA-Verve-230227_13130005	Verve Dual	Java	Gemalto Contactless R13	31/01/2026
6	Thales	CTA-Verve-230227_13130004	Verve Dual	Java	Contactless R11	22/12/2025
7	Thales	CTA-Verve-230227_14090007	Verve Dual	Java	Contactless R11 Z6S	22/12/2025
8	Kona I Co. Ltd	CTA-Verve-240724_14540017	Verve Dual	Java	KONA2 D2384	22/09/2026
9	Chutian Dragon Co.,Ltd.	CTA-Verve-250227_08430020	Verve Dual	Java	CTDMACOS-H V1.0	21/11/2027
10	Beijing Watchdata Co., Ltd	CTA-Verve-250313_10350021	Verve Dual	Java	PURE_DI_WD v2.0	18/12/2027

4.2. Pending Approvals

S/N	Vendor	Reference	Card Interface	OS	Chip Product	Chip Product Expiry Date
1	Thales	CTA-Verve-231129_12110014	Verve Dual	Java	Gemalto Contactless R12	31/10/2026
2	Thales	CTA-Verve-230227_13140006	Verve Dual	Java	Gemalto Contactless R 14	02/06/2026

Note:

- Under no circumstances does this approval include or imply any product or service warranties from Verve, including, without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by Verve.
- Product approval is issued based on evidence valid at the time of its issuance.
- LOA provided to vendor is not transferrable to any other vendor or market outside of Verve's service area.

5. Verve Approved Vendors

S/N	Card Services Vendors	Services
1	Beijing Watchdata Co., Ltd	Card Manufacturing
2	Berkeley Payment Solutions Limited	Chip Embedding, Card Personalisation
3	CardCentre Limited	Card Personalisation
4	Cardforté	Card Manufacturing and Personalisation
5	Cardstel Solutions Limited	Card Manufacturing and Personalisation
6	Chutian Dragon	Card Manufacturing
7	Colorplast	Card Manufacturing
8	Eastcompeace	Card Manufacturing
9	Electronic Payplus Limited	Card Manufacturing and Personalisation
10	Ellams Products Limited	Card Personalisation
11	Giesecke+Devrient Mobile Security GmbH	Card Manufacturing
12	Hengbao	Card Manufacturing
13	Idemia	Card Manufacturing
14	Kona International	Card Manufacturing
15	MCT Cards & Technology Limited	Card Manufacturing
16	Secure ID	Card Manufacturing and Personalisation
17	Shenzhen Einolda	Card Manufacturing
18	Sintel Security Print Solutions	Card Personalisation
19	Thales	Card Manufacturing

6. Additional Related Resource

- Verve Rules - Terms and Conditions
- Verve Rules Card Issuance Standards
- Verve Specifications - Profile and Personalization CPA 2.0
- Verve Dual-interface PURE Card Personalization Specification_v2.5
- Verve Specification - WLA CPA Contactless version 1.2.5
- Verve Operating Rules - Card Personalisation Validation and Change Request v 1.0
- Verve Style Guide
- Verve EMV Certificate Authority
- Verve Operating Rules - Membership

- Verve Implementation Guide - Issuing and Acquiring
- Verve Operating Rules - Personalization Vendor Certification
- Guide to EMV Chip Technology

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