ADAPTIVE ISSUANCE™
EMV DATA PREP AND PERSO SOFTWARE

EMPOWERING SECURE ISSUANCE ANYWHERE

As the most trusted name in card issuance solutions, Entrust brings a broad range of experience to simplify and streamline the complexities of smart card issuance. Our software and hardware is deployed in more than 1,500 smart card operations worldwide.

SMART MAINTENANCE

It's essential to keep your smart card issuance program performing at its peak by using the latest software. Entrust continually develops new features and provides updates with each software release.

Through our Software Maintenance Agreements (SMAs), you'll have access to important updates as they become available, along with the expert technical support you need to keep your program running seamlessly. You'll also reduce your costs long-term by taking advantage of regular software updates rather than purchasing new software.

Everything you need for EMV data preparation and personalization

The transition from magnetic stripe cards to EMV chip cards increases security — but also increases the level of complexity in your card issuance process. Entrust's Adaptive Issuance™ Suite helps to simplify this complexity and consolidate all necessary EMV functions. This powerful suite provides an end-to-end solution for an efficient transition to EMV smart card issuance, using our existing Magnetic Stripe Data Flow to minimize impact on your site.

ADAPTIVE ISSUANCE™ EMV DATA PREP AND PERSO SOFTWARE

As part of the Adaptive Issuance™ Suite complete family of products for secure document issuance, Adaptive Issuance™ EMV Data Prep and Perso Software allows you to migrate seamlessly from magnetic stripe to EMV for Java and Native Cards.

IN ORDER TO ADAPT EMV TO YOUR ENVIRONMENT, THIS PRODUCT INCLUDES:

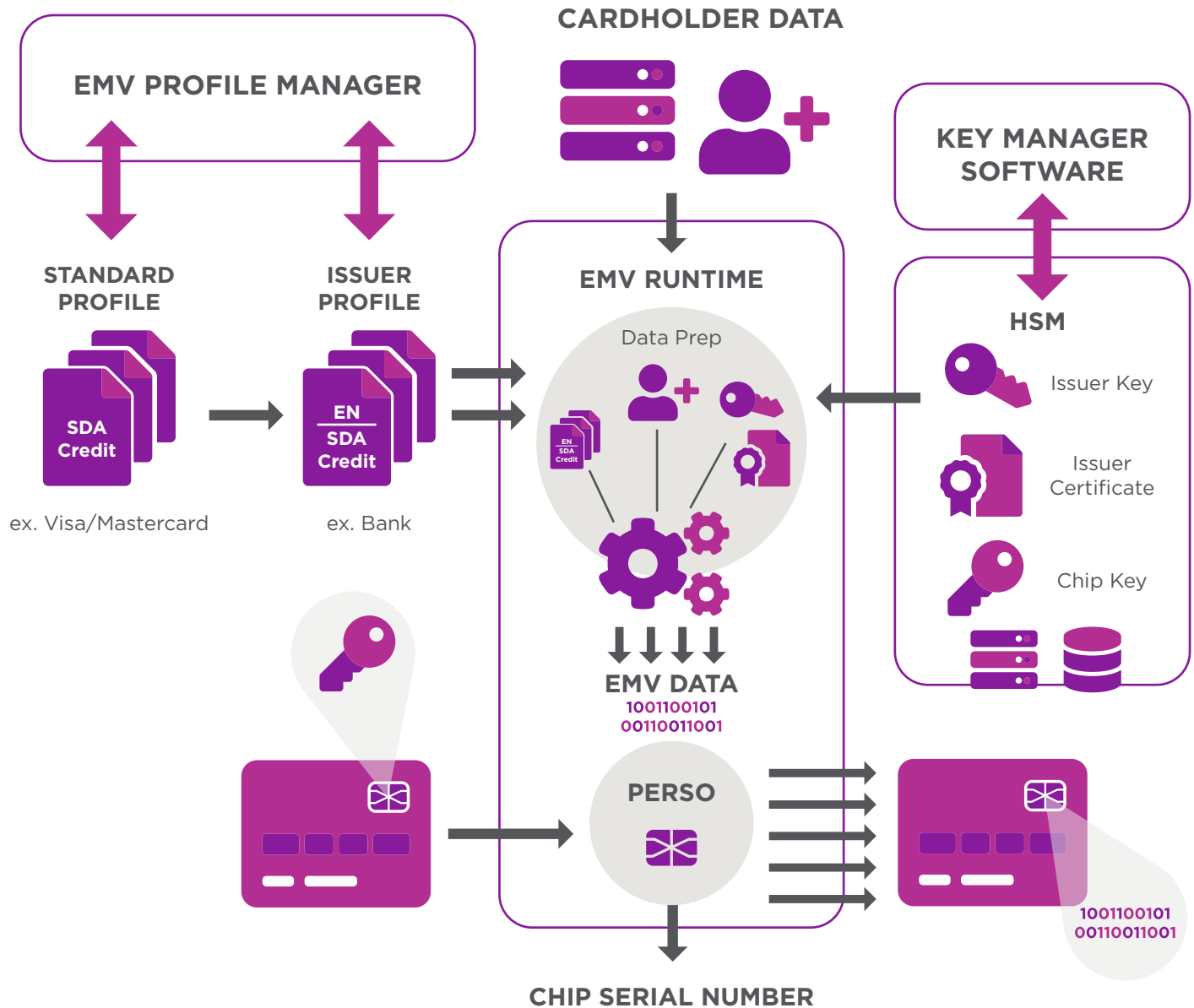#### Adaptive Issuance™ EMV Profile Manager Software

This user-friendly web-based application enables configuration of EMV single-application and multi-application profiles based on the most common industry-standard profiles - which are pre-configured within the product to further simplify EMV card personalization. Manage your BIN and risk parameters and retain a high level of autonomy with any EMV profile setup.

Adaptive Issuance™ EMV Runtime Software

High-speed runtime software works with Adaptive Issuance™ Chip Interface Software, performing EMV data preparation and chip personalization. It provides a configuration capability for EMV data preparation and personalization for central issuance and decentralized issuance in a scalable design to sustain your business growth.

Adaptive Issuance™ EMV Data Prep and Perso Software

COMPLETE MODULAR FRAMEWORK

EMV PROFILE MANAGER

CARDHOLDER DATA

KEY MANAGER SOFTWARE

STANDARD PROFILE

ISSUER PROFILE

EMV RUNTIME

Data Prep

HSM

SDA Credit

EN SDA Credit

EN SDA Credit

Issuer Key

Issuer Certificate

Chip Key

ex. Visa/Mastercard

ex. Bank

EMV DATA
1001100101
00110011001

PERSO

1001100101
00110011001

CHIP SERIAL NUMBER

EMV Profile Management Enterprise Edition - Simplify profile management across multiple environments and production sites

EMV Profile Manager Software, enterprise edition allows customers to distribute profiles across central issuance and instant issuance environments from a single administrative location. From there, the distributed profile can be tracked. Risk is managed by identifying profiles in a "working" or "released" state. The software only allows "released" state profiles to be distributed throughout the production environment. This prevents the distribution of profiles that have not be validated for release.

A complete EMV issuance solution

Adaptive Issuance™ Suite includes software and hardware for data preparation and smart card personalization - all providing reliable performance and seamless integration to streamline your EMV issuance operations.

Choose your level of autonomy

Built on more than 50 years of experience building world-class issuance solutions, the EMV Data Prep and Perso Software delivers a modular framework of pre-configured setups - including pre-set libraries for EMV data input and EMV standard profiles - based on proven best practices and the latest industry standards. This simplifies the EMV issuance process, allowing you to choose your level of autonomy and control over your EMV data and issuance processes.

Issue any smart card

Adaptive Issuance Suite works with contact and contactless cards, as well as fobs and other smart objects. Our data preparation software accepts magnetic stripe data from a host system and converts it into encrypted smart card data for the personalization process. It also generates the keys you need to manage standard risk parameters. You can choose the process (batch or one-step mode) that fits your needs.

A protected investment

Your investment is protected by our commitment to ongoing innovation and open standards, enabling you to incorporate new technologies, meet new standards, and adapt your issuance operations to fit evolving business strategies.

Adaptive Issuance™ Key Manager Software - an ideal complement

Adaptive Issuance™ EMV Data Prep & Perso and Adaptive Issuance™ Key Manager Software create the core of key technologies for efficient EMV issuance operations. Key Manager Software simplifies the challenge of managing cryptographic keys. Designed in strict adherence to best practices and industry standards, Key Manager Software delivers everything you need to securely manage keys throughout every step of the issuance process in a wide range of applications, as well as the flexibility and efficiency to manage multiple keys.

Adaptive Issuance™ EMV Data Prep and Perso Software

	Express Edition (No License)	Plus Edition	Professional Edition	Enterprise Edition
Technology				
Web based UI	✓	✓	✓	✓
User access control	Application or LDAP	Application or LDAP	Application or LDAP	Application or LDAP
Multiple workstations			✓	✓
Administration				
Modification tracking	✓	✓	✓	✓
Import/export EMV package	✓	✓	✓	✓
Profile distribution				✓
Data preparation				
BIN management		✓	✓	✓
EMV product management			✓	✓
Modified data preparation			✓	✓
Personalization				
Set up a chip in production	✓	✓	✓	✓
Set up HSM token/key selection	✓	✓	✓	✓
Test card personalization			✓	✓

APPLICATIONS SUPPORTED

Operating System	Database	Cards Standard	Formats supported
• Windows 7 Professional (32 bit and 64 bit) • Windows 8.1 (32 bit and 64 bit) • Windows 10 (64 bit) • Windows Server 2012 R2 • Windows Server 2016	• SQL Server 2012 • SQL Server 2012 Express • SQL Server 2014 • SQL Server 2014 Express • SQL Server 2016 • SQL Server 2016 Express • SQL Server 2017 • SQL Server 2017 Express • SQL Server 2019 • SQL Server 2019 Express	• GlobalPlatform • Common Perso • Java Cards • Native cards	• Magnetic Stripe • Magnetic Stripe with Pin, iCVV • Common Personalization • TLV Smart Card field

Browser	Discover	Amex	Mastercard	Visa	China UnionPay	NPCI
• Internet Explorer 10 or higher • Google Chrome	• D-PAS	• AEIPS • Expresspay	• M/Chip Select • M/Chip Lite • M/Chip Advance • CAP • PayPass	• VSDC • Paywave MSD/qVSDC • DPA	• PBOC	• RuPay • Other EMV Common Payment Application

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