



ENTRUST

Adaptive Issuance™ EMV Personalization Validation Software

HIGHLIGHTS

Simplify EMV card issuance

EMV technology adds complexity to high-volume issuance operations, creating pressure to control costs while meeting aggressive timelines for implementation. Gain peace of mind – while increasing your production efficiency – with EMV Personalization Validation Software. The software application is available for the Datacard® MX9100™, MX8100™, MX6100™, and MX2100™ Card Issuance Systems. Complementing the entire Entrust quality assurance portfolio, this advanced software references existing Barnes scenarios to validate smart card data against major payment scheme rules on every card in your issuance operation. Entrust Implementation services offer an EMV migration solution with minimal downtime.

Optimize your EMV card issuance process with Adaptive Issuance™ EMV Personalization Validation Software. This software allows you to validate every card's data against major payment scheme rules using Barnes scenarios.

Inline automation

Make Barnes EMV validation one step in the central issuance process. EMV Personalization Validation Software can be added inline to your Datacard® MX Series System, simplifying your process and reducing risk.

Integration with Barnes scenarios

The software audits every card inline for EMV compliance using Barnes scenarios, prior to issuance. This allows you to leverage resources by sharing scenarios between your inline solution and existing standalone Barnes CPT 3000 V3.60 (or later) tool.

KEY FEATURES & BENEFITS

- Minimize operating expenses by fully integrating the EMV personalization validation step into the central issuance hardware
- Gain peace of mind by checking 100% of your cards before issuance
- Share existing Barnes CPT 3000 v3.60 (or later) scenarios with the inline quality assurance process

Learn more about EMV Personalization Validation Software at entrust.com

Adaptive Issuance™ EMV Personalization Validation Software

EMV PERSONALIZATION VALIDATION SOFTWARE IS PART OF AN END-TO-END QUALITY ASSURANCE SOLUTION

The Quality Assurance Module compares elements on the card – flat graphics, mag stripe, embossing, topping, and smart card data – with the original data files. Then the EMV Personalization Validation Software compares the smart card personalization with a Barnes scenario.



TECHNICAL SPECIFICATIONS

Prerequisites

- Barnes standalone CPT 3000 v3.60 (or later) tool and scenarios (purchased directly from and maintained per the agreement with Barnes International)
- Datacard® MX9100, MX8100, MX6100, or MX2100 Card Issuance System, configured with:
 - Controller software 6.5 or higher
 - Smart card module(s) for card personalization
 - Quality assurance module (programming heads or stations should match the number used in the smart card personalization module)
- Smart Card Server minimum requirements:
 - Adaptive Issuance™ Chip Interface
 - EMV Personalization Validation Software and licenses (one license per MX Series system)
 - Barnes scenarios (created using the Barnes CPT 3000 v3.60 (or later) tool, stored in a common folder, or copied to the Adaptive Issuance Suite server)

Implementation

The EMV Personalization Validation Software is a Chip Interface application. Software licenses are activated by sending an activation request to the licensing server, which provides an activation key.

- This software application runs exactly as it does in the standalone CPT 3000 v3.60 (or later) environment and is therefore limited to a single BIN. If needed, the Barnes administrator can use the Barnes CPT 3000 v3.60 (or later) to create a “scenario with autoselection” to combine scenarios.
- Because the EMV Personalization Validation Software is very processor-intensive, it may be necessary to replace or upgrade the production server hardware.
 - One Chip Interface server can support up to five MX Series systems for both chip personalization and chip validation.
 - Low-risk server specification: Dell PowerEdge R620 or equivalent, with Intel Xeon E5-26XX v2 Processors, 16GB RDIMM, 300GB 15K RPM SAS 6Gbps, 2.5in Hot-plug Hard Drive.

Learn more at
entrust.com



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