



# Thales Gemalto Central Payment Issuance

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### Banking & Payment Services

### What makes a good EMV system a great one?

The key is in operating an efficient and secure personalization site that enables you to use a powerful solution to issue EMV cards, while streamlining operations and delivering strong production security that guarantees compliance with the most demanding security standards. But achieving this can be complex and costly – unless you have the right partner. You need to be certain that whether you are a bank or a personalization bureau you can achieve these goals cost effectively, giving you peace of mind when carrying out PCI or Visa and MasterCard site audits.

### The answer

The answer is a reliable and field-proven EMV personalization solution that can manage every stage of the EMV card personalization process, from receiving cardholder data to the personalization itself, and

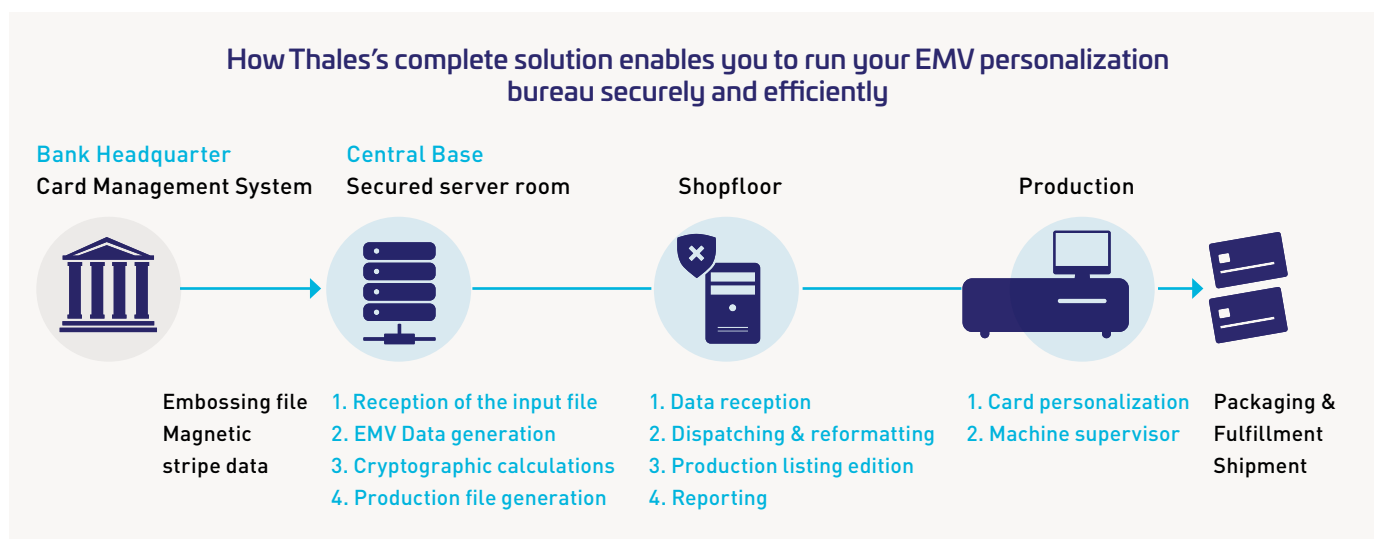
which meets all international security specifications and standards in between. This set of easy to use and convenient features is all that you need to manage and operate your EMV card program. What's more, it is completely independent, so it's open to all cards and machines regardless of the vendor.

### Making the difference

Thales Gemalto Central Payment Issuance is a comprehensive, fully packaged and pre-configured solution that complies with EMVco specifications and PCI security standards as well as Visa and MasterCard certification requirements to handle the whole card personalization process.

It offers a number of security advantages:

- PCI DSS-compliant
- PCI Card Production-compliant
- End-to-end cardholder data encryption



### Solution architecture

The solution benefits from a flexible Central Base architecture with a powerful embedded EMV data preparation engine, a Key Management System and a Shopfloor application. These are securely and interactively connected to manage the complete EMV production cycle.

### Thales Gemalto Central Payment Issuance and how it works

Gemalto Central Payment Issuance is a feature-rich solution that ensures the card issuance process remains secure while simplifying operations. Using our new Central Base features you can easily and quickly create

and manage EMV profiles for major card schemes such as Visa, MasterCard, American Express, Diners, JCB and PBOC2.

The impressive set of Central Base features includes Card Profile Management, User Management, Monitoring & reporting, and Card Inventory. These all add up to a solution which ticks all the boxes for financial firms that want to supply superior, centrally issued EMV cards.

Thales Shopfloor makes operations easier, thanks to its Production Management and PIN mailer & card carrier functions. It receives files from the Central Base and allows the manager of the Shopfloor system to organize the production flow on top of one or multiple machines from leading vendors such as Matica, CIM, Mühlbauer and DataCard.

What's more, its open settings mean it can also support Native, Java and Multos cards from all the main manufacturers.

## Security

Thales Gemalto Central Payment Issuance has every security base covered:

- Secure HTTPS communication
- Web services compliant with WS security standards
- End-to-end cardholder data encryption
- Clear access control policy for user roles
- System monitoring, user and activity log, log integrity

## A partner you can trust

Investing in the power of Thales Gemalto Central Payment Issuance solution means access to our vast knowledge and experience of EMV personalization projects for central, instant or distributed issuance. As with all of our solutions, you can be confident that what we deliver meets the highest security standards, giving you peace of mind during your PCI audits.

## A total solution

Using Thales Gemalto Central Payment Issuance, you can easily leverage your current architecture to easily and cost-efficiently open EMV personalization sites remotely and create issuance spots close to your customers.

### Thales provides:

- A comprehensive, feature-rich and secure EMV personalization solution
- All the necessary software, hardware and machine consumables
- Professional services for on-site installation as well as support & maintenance
- Thales Gemalto Fortress, the ready-to-use Visa and MasterCard-certifiable personalization site
- Business continuity plans using a Thales Personalization Bureau
- Personalization site design, procedures and secure processes
- Assistance with Visa and MasterCard Certification Audits.





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