



What is EMV?

Overview

Europay International, MasterCard International, and Visa International formed EMVCo, LLC to manage EMV card specifications for payment systems. The objective of EMVCo is to ensure that single terminal and card approval processes are developed at a level that will allow cross payment system interoperability through compliance of the EMV standards.

What does EMV approval mean to the retailer?

EMV approval is granted on two different levels:

- (1) Compliance with hardware (devices), and
- (2) Compliance with software (inside the device).

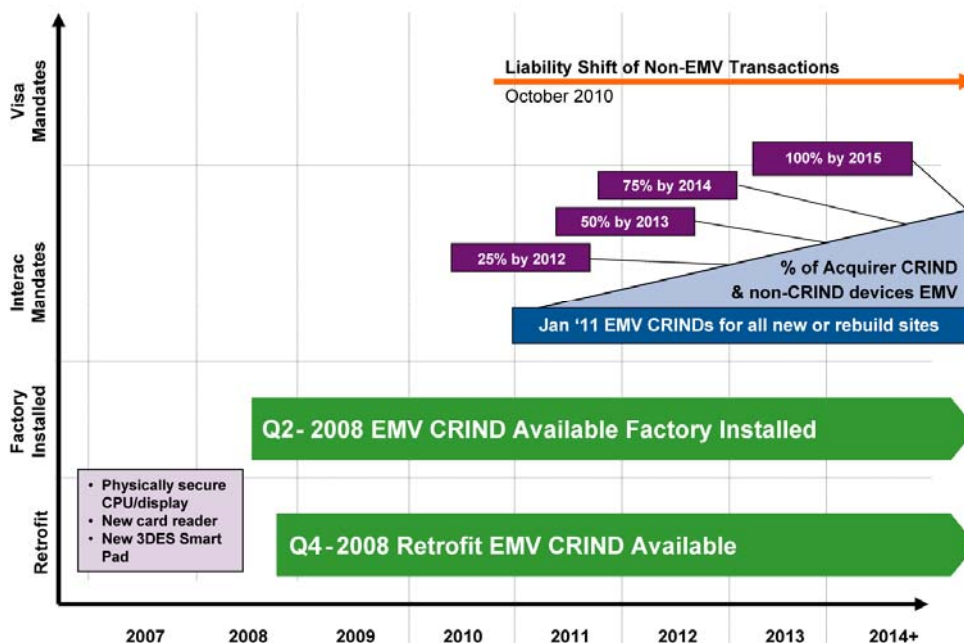
Adoption of EMV requires a full CRIND® upgrade, including screen, card reader, and keypad device. This upgrade includes full enclosure and tamper protection with all three components.

What are the benefits of EMV?

- Improved security (with associated fraud reduction)
- Finer control of "offline" credit card transaction approvals
- Improved lane throughput
- Reduced charge-backs

What is the timing to implement EMV?

Chip and PIN Timetable



Gilbarco Veeder-Root EMV Product Offering

- PCI and Interac approved secure outdoor payment terminal
- Mag-stripe and EMV chip card capable
- Backward compatible
- Supports 2-wire and TCP/IP connectivity to POS and forecourt control systems
- Supports Gilbarco Veeder-Root SMART Connect™ and Applause™ Media System

Secure 14.5 cm 1/4 VGA Colour Display with softkeys and CPU provides easy-to-use interface that supports interactive advertising



CPU communication with master device supports Ethernet TCP/IP, Serial and PowerLine protocols for maximum flexibility and security.

