

ELAVON PAYMENT GATEWAY

Requirements for a Fully EMV-Certified Transaction

May 10, 2016

Oracle MICROS POS Systems can now process Fully EMV-Certified Transactions using the Elavon Payment Gateway, when the following requirements are met:

1. Elavon as the Acquirer/Processor*
2. Oracle Payment Foundation interface Version 6.0 MR2 installed
3. MICROS POS Application (minimum Version installed) is:
 - a. RES 3700 v5.0+ (5.4 is recommended)
 - b. LES 9700 v4.0+
 - c. Symphony First Edition v1.6 MR6+ (1.6 MR10 recommended)
 - d. Symphony 2 v2.7 MR4+
4. POS Server (or Gateway PC—if separate) requires Windows 7+ or Windows Server 2008+
5. TMS version (software loaded on PIN pads) is:
 - a. TMS139 for Ingenico IPP320 (unit typically proposed by Elavon)
 - b. TMS146 for Ingenico ISC250 (unit typically proposed by Elavon)
 - c. TMS150 for Ingenico IPP350
 - d. TMS148 for Ingenico ISC480
6. If Card-Issuing Bank has set the Credit/Debit card as:
 - a. **Signature-preferred**: Cardholder's signature must be captured
 - i. Currently this is only possible through normal receipt printing processes
 - b. **PIN-preferred**: PIN pad must be physically accessible (for Cardholder to enter PIN)

***As each Elavon Payment Gateway certification is completed for other Acquirer/Processors, Elavon will advise as to the requirements for each of those specific Processors to process a Fully EMV-Certified Transactions on an Oracle POS System (as the requirements for each Processor, OPF or POS version, TMS version or PIN pad, and Card-Issuing Bank, may vary).**

Elavon EMV Services & Support (portion provided by DCRS Solutions)

The Oracle Payment Foundation (OPF), previously referred to as Micros (MPG), is an interface that the Micros Workstation connects to. Each installation (at the Ws level) requires configuration of the OPF interface, configuration of the POS Application Software (for P2P and/or EMV), setup of the PIN pad hardware device(s), then onsite installation at a properly prepared site. Credit Card Reporting will be completely different, and ongoing support is necessary after the initial installation.

DCRS Services & Support portion

- Setup/Install Oracle Payment Foundation on PIN pads purchased by end-user from Elavon
- Deliver and Install end-user’s PIN pads to a properly prepared site, Test, Train end-user
- **Installing MOUNTING BRACKETS is HIGHLY RECOMMENDED for PIN pad RELIABILITY**
- Provide end-user support for Oracle Payment Foundation (Year 1)
- Provide 1st level end-user support on behalf of Elavon, for PIN pad hardware and Elavon Simplify Software (Year 1). Elavon provides 2nd level support to DCRS and end-user.*
- *PIN pad hardware support is available via a Depot Plan purchased from Elavon
- *PIN pad hardware support assistance is also available from DCRS on a Time & Material basis

Based on the MICROS POS Application having the minimum Version installed, with POS Server or Gateway PC having the proper OS installed, typical DCRS Services & Support for

- RES site (up to 9 devices): Services \$895, plus \$300 annual support
- RES site (10+ devices): Services \$1790, plus \$450 annual support
- 9700/Simphony system: Services \$175/device, plus \$30/device annual support
- Additional fees apply to Version upgrades, OS upgrades, or Gateway PC setup

Ingenico PIN pads provided by ELAVON

Ingenico iSC250 PIN pad

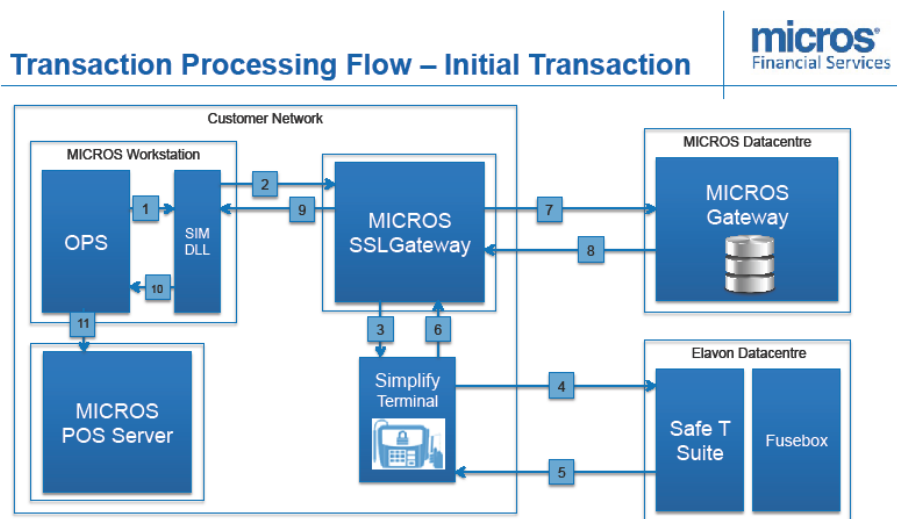


Ingenico iPP320 PIN pad



(SAMPLE ONLY: Diagram below dated 2015, applicable to Fast Transactions)

- Reference to MICROS SSL Gateway is now Oracle Payment Foundation
- Reference to MICROS Gateway is now Oracle Datacenter (and not a Gateway)



Notes:
 (1) Only a token is returned back to the POS
 (2) All card data is encrypted from swipe throughout the customer network until it is decrypted in Elavon network.
 (3) Flow covers Auth, Sale transaction types.