

INTEGRATED PAYMENT ENGINE

VeriFone's V910 electronic payment server, EPS, combined with VIPER payment processing software, seamlessly installs into your existing Sapphire hardware, further extending your Sapphire investment into a high-powered and adaptable system featuring a state of the art electronic payment server with increased processing power and memory.

V910

Fast, Simplified Card Processing

- Controls credit and debit card transactions, in-store and at the fuel point, completely independent from the POS terminal
- Easily upgrade and standardize payment applications across your organization
- Standardize applications without impacting customer transactions

Scalable

- Centrally controlled operational parameters allow you to configure and update card processing functionality remotely via a standard Internet connection
- Uses industry standard interfaces, including Enhanced IFSF, ISO 8583 TG-23, and Web Services, for communication to POS systems, card processing hosts, and remote configuration and diagnostic servers
- Scalable to incorporate multiple card processing hosts including loyalty and CRM

Remote Configuration

- Centralized card processing configuration and updates save you time and money when updating and managing multiple POS systems and card processing hosts
- Remote diagnostic feature provides a direct connection for communicating and troubleshooting
- Helps ensure greater uptime and reduces chances of lost sales

Highly Reliable

- Robust file system designed to be fault tolerant, scalable and easy to service
- Advanced applications and solid state "industrial grade" mass storage features designed to withstand even the harshest environments
- Developed with graceful shutdown processes to safeguard your critical data during unexpected power loss



Uses existing Sapphire Footprint

- Integrated into Sapphire design reduces the need for a separate EPS device, saving valuable space
- Lower cost alternative to a stand alone EPS device
- Simplifies troubleshooting and maintenance

Security

- Ensures PCI compliance for all applications
- Enhances data communication and authentication by using SSL to communicate to card networks
- Offers advanced data security components such as masking account information and card number encryption, using 128 Bit encryption, for each transaction stored
- Provides a controlled software deployment strategy

PIN Pad Support

- Supports MX 800 Series PIN pads
- Remote upgrade support
- Replaces POS mag stripe reader
- Communication via TCP/IP
- Triple DES DUKPT support
- Contactless payment support
- Easily interchangeable

Hardware

1 GB DDR2 RAM
2 GB Compact Flash
1.6 GHz Intel Atom CPU

Software

Linux with embedded Java Virtual Machine
J2SE operating environment
Tomcat WebServer (Apache)

Power

120 Volts AC, 60W
60W AC—Auto range, fan-less power supply with integrated AC power cord
Battery backup—Minimum 3-minute backup with power loss API. Allows graceful shutdown of applications.

Temperature

Operating: 32 to 104° F (0 to 40° C)
Non-operating: -40 to 158° F (-40 to 70° C)

Connectivity

Ethernet port (one)—Built-in Ethernet support, 10/100 (Intel 82562EZ or equivalent); Provides external interface to Ethernet devices.
USB ports (two)—USB 2.0. Provides external interface for up to two USB devices.
RS-232 Serial Port Connections (2)

Safety

UL, cUL, CE Mark

Humidity

Operating 15% to 95% R.H. at 40° C (non-condensing)

Additional Features

VeriFone proprietary Diagnostic User Interface for fast troubleshooting
Utilizes Sapphire Internal modem for communications
Power status indicator

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