

## BENEFITS AT A GLANCE

- Separates card processing from the POS — easing the application and hardware standardization and updating process
- Automatically ensures PCI compliance for all applications
- Compatible with any POS system that supports IFSF for added flexibility and cost savings
- Manages host communication and allows remote software updates
- Reduces the time to market for new features on multiple POS platforms
- Controls all in-store and fuel island card transactions, greatly reducing site support costs
- Designed with premier security features for added reliability and uptime



## A Powerful Electronic Payment Server (EPS)

Petroleum/c-store and retail marketers face several challenges in today's fast-paced technologically advanced business world. Whether through acquisitions or image upgrades, finding an efficient method of dealing with multiple POS systems and the transition between the many card-processing hosts can be difficult.

VeriFone's cutting edge V900 electronic payment server, EPS, along with the VIPER payment

processing application, makes standardizing and updating aging applications and hardware platforms effortless. V900 and VIPER separates credit card processing from POS systems. This means that no matter what collection of POS systems your organization may manage, you can now process payments through VIPER, VeriFone's independent payment engine, using generic, major oil, and proprietary payment networks without affecting your existing POS software or

architecture. Certification of new network features including support for evolving data security standards is streamlined.

# V900 and VIPER

Independent Payment Engine

# V900 and VIPER



## SPECIFICATIONS

**Safety:**  
UL, CSA

- J2SE operating environment
- Tomcat WebServer (Apache)

**Temperature:**

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

**Humidity:**

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

**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.

**Dimensions:**

12" W x 12" L x 3.5" H (approx.)

**Software:**

- Linux with embedded Java Virtual Machine

**Connectivity:**

- Ethernet port (one)—Built-in Ethernet support, 10/100 (Intel 82559 or equivalent); Provides external interface to Ethernet devices.
- USB ports (two)—USB 1.1. Provides external interface for up to two USB devices.
- RS-232 Serial Port Connections (2)

**Hardware:**

- 512 MB RAM
- 512 MB Compact Flash
- SBC-Pentium class single board computer
- 533 MHz, 64-bit CPT
- Fanless design

**Additional Features:**

- Modem (external - optional)
- Power status indicator

## Features & Benefits

### 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

### Compatible with Legacy POS Systems

- Easily update, maintain, and support various systems and solutions
- Compatible with multiple POS platforms
- Streamlined capability reduces the time and money required for implementing and supporting new payment features and applications, regardless of the type of point of sale system

### 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

### 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 the Omni 7000 and the MX800 Series PIN pads
- Remote upgrade support
- Replaces POS mag stripe reader
- Communication via TCP/IP
- Triple DES DUKPT support
- Contactless payment
- Easily interchangeable