



OMNI 3750

Enhanced Communications

THE WAIT IS OVER!

TAP INTO NEW MARKETS. Retain existing merchants. Gain needed flexibility. It's a high-speed, broadband world. You only need to enjoy a high-speed experience while surfing the web or downloading files to see the benefits of high-speed communications.

Now, VeriFone, the most trusted name in payment, has put the broadest array of high-speed, Internet-based communications options at the point of payment.

Chances are, your merchant customers already have DSL, cable, cellular, a satellite service, or an Ethernet LAN. If so, they can easily use VeriFone's family of terminals with enhanced communications to process transactions over a lightning-fast, always-on connection.

What does this do for you? It offers an entry into previously unexplored markets. It also gives you an unparalleled retention tool, so that you can reduce the costs of finding new merchant customers. And it puts your merchants on the most flexible payment platform ever created, protecting your investment while consolidating inventories.

Cash in on VeriFone's high-speed, Internet-based payment solutions today.

BENEFITS OF ENHANCED COMMUNICATIONS

- Cost-efficient today with exceptional potential for future expansion — perfect for merchant retention
- High speed communications lower telecommunication costs
- Familiar ATM-style interface reduces training and help desk requirements
- Supports broad range of standards — from EMV to advanced security



THE SAVINGS ADD UP — FAST!

Those older terminals your merchants use are costing them money. Here's the perfect way to convince them to upgrade. Simply show your merchants how much money they can save by using a high-speed service — from super-fast broadband to an Ethernet LAN.

- Dial lines to every terminal are eliminated, putting an end to line charges and per-minute fees.
- Productivity is improved by streamlining checkout lanes — transactions can be processed faster than cash, on average in under 4 seconds.

The terminals' speed can save you money as well. Downloads can be completed in a fraction of the time needed with dial lines. In addition, high-speed online diagnostics minimize time troubleshooting problems.

PUT MORE MONEY IN YOUR POCKET

VeriFone terminals with enhanced communications can significantly increase your revenue. Transactions over high-speed networks can be processed in an average of four seconds or less, moving more customers through the line and increasing your transaction volume.

The terminals' speed, power, and memory also support an array of profitable value-added applications, such as gift and prepaid cards, loyalty and electronic checks. These solutions strengthen merchant relationships and generate new sources of income for you.

What's more, VeriFone Internet-based terminals can satisfy your appetite for tempting new markets such as QSRs. The terminals' faster-than-cash processing and proven increase in total spending are a sure recipe for success in this competitive market.

UNPRECEDENTED FLEXIBILITY ENSURES INVESTMENT PROTECTION

With VeriFone's family of Internet-based terminals, you can meet merchant needs today while protecting your investment over time.

VeriFone's unique modular terminals with enhanced communications also include dial capabilities. So if a merchant wants to stay with dial for now and take advantage of high-speed connections later, the terminals won't need to be replaced. This flexibility reduces your inventories, saves on shipping costs, and avoids the expenses connected with terminal replacement — such as downloading and reprogramming.

The family of terminals provides you with more to sell — a complete line of products accommodating all merchant requirements. Hardware and software certifications are minimized — thanks to VeriFone's innovative Verix operating system and a common platform.

Whether you are targeting small neighborhood stores or large retailers, health care providers or government agencies, VeriFone has a modular solution for you.

SUPPORT FOR WORLD STANDARDS

Business knows no boundaries today, and VeriFone terminals' support for global standards lets you go wherever business takes you — with complete peace of mind.

The powerful terminals are Level 1 and 2 type-approved for the EMV global standard for secure smart card transactions, and make short work of even the most complex transactions.

Built-in security includes SSL for Internet-based transactions and the most sophisticated encryption and key management techniques, such as 3DES and Master/Session or DUKPT. In addition, VeriFone's VeriShield file authentication helps stop fraud and other misuse, from downloading rogue files to physical tampering.

ENHANCED COMMUNICATIONS SOFTWARE IS THE INTELLIGENT CHOICE

Advancements in communication technology provide today's rapidly changing POS market with the freedom to effortlessly switch between Ethernet, Wi-Fi, GPRS, or CDMA within the same POS device. Managing this advancement in hardware technology requires intelligent software.

To meet this requirement, VeriFone has developed Comm Server™ — a unique software messaging command center for advanced communications. Comm Server functions as a neutral interface between your application and the various enhanced communications hardware mediums.

Comm Server future-proofs your investment in application development and speeds time to market by leveraging one application version across all enhanced communication types (Ethernet, Wi-Fi, GPRS, and CDMA). Comm Server virtually eliminates any adverse impact of modifications to future communication technology.

Comm Server also provides a standardized user interface to provide ease of configuration, status, and troubleshooting regardless of the hardware platform. Begin using Comm Server today to manage your enhanced communications terminal portfolio.

DON'T KEEP YOUR MERCHANTS WAITING

VeriFone's terminals with high-speed, enhanced communications are here today. Terminals that support a range of technologies are designed to easily adapt to change, lower your costs while making you and your merchants more money. Most importantly, they're from VeriFone, the most trusted name in payment.

Don't wait! Put the power of enhanced communications to work at your merchants' point of payment today.



Ethernet



Wi-Fi



CDMA



GPRS

OMNI 3750 FEATURES

- Self-contained communications modules let you customize or upgrade terminals easily and cost-efficiently.
- Supports a variety of high-speed networks, including DSL, cable, satellite, traditional T1 lines, and leading technologies such as CDMA, GPRS, and Wi-Fi.
- Transaction times of four seconds or less keep the lines moving and boost your transaction volumes.
- High-speed connections and advanced file compression accelerate downloads, minimizing idle time.
- Dial modem support for backwards host/application compatibility.
- 32-bit processing, up to 6 MBytes of memory, and multi-tasking capabilities streamline even the most complex transactions, including EMV-based smart card.
- Support for multiple applications — including value-added solutions such as gift card, loyalty, electronic check, and pre-paid cards — enhances revenue opportunities.
- Integrated PINpad offers added convenience for debit and other PIN-based transactions; terminals are Visa PED-approved.
- Ergonomic design makes the terminals easy to hand to customers for PIN entry.
- Familiar, ATM-style interface is simple to use, and reduces training time and errors.
- Integrated thermal printer offers drop-in paper-loading to virtually eliminate paper jams.
- Supports VeriShield file authentication, 3DES encryption, and Master/Session or DUKPT key management to protect vital data against fraud.

COMM SERVER™ FEATURES

- Standardized messaging for applications across all advanced communication platforms.
- Optimized memory footprint through shared advanced communication libraries.
- Intuitive user interface for advanced communication support — configuration, status and trouble shooting. Modification of IP or DNS information, IP status update, or ping destination address to determine network latency.
- TCP or SSL download management.
- Concurrent application sessions between multiple applications (e.g. two tasks between separate applications completed at same time).

SPECIFICATIONS

Processor

32-bit microprocessor

Memory Options

3, 4, or 6 MBytes

Display

128 x 64 pixel LCD with backlighting; supports 8 lines x 21 characters, including graphics

Magnetic Card Reader

Triple track (tracks 1, 2, 3), high coercivity, bi-directional

Primary Smart Card

ISO 7816, 3V, or 5V synchronous and asynchronous cards; EMV Level 1 and 2 type-approved

SAM Card Reader

2 or 4 SAMs optional

Keypad

3 x 4 numeric keypad, plus 8 soft-function keys and 4 screen-addressable keys

Peripheral Ports

Two RS-232 ports and 1 telco port support peripherals

Printer

Integrated thermal printer with graphics capabilities, 12.5 lps, 24/32/42 columns; standard roll paper 58 mm (2.25 in.) x 25M

Communications Modules

Ethernet

Internet Security: SSL

GSM/GPRS: (1900/850 MHz & 1800/900 MHz)

CDMA (1900/800 MHz)

Wi-Fi: (802.11b)

Protocols

Application selects between asynchronous protocols (Visa 1, Visa 2, and others) and synchronous protocols (including ISO 8583/SDLC) IP enabled terminal, with optional TCP/IP protocol stack.

Security

3DES encryption; DUKPT and Master/Session key management; Offline/Online PED certified; VeriShield file authentication. Optional SSL functionality for secure IP communications.

Physical

Length: 210 mm (8.3 in.); width: 104 mm (4.1 in.); depth, including printer spool: 83 mm (3.3 in.); weight: 760 g (1.7 lbs.)

Environmental

0° to 40° C (32° to 104° F) operating temperature; 5% to 90% relative humidity, non-condensing