

## MODELS

### *iTP Payment Solution:*

---

Responding to the rapid growth of Internet commerce and the demand for secure transaction environments

## OVERVIEW

The Tandem® iTP™ Payment Solution is a service-oriented integrated solution that includes professional services and support. This offering is delivered by Tandem services or in conjunction with the customer's technical staff or through Tandem authorized and trained service delivers.

### Description

---

iTP Payment Solution is a suite of products that implement the Secure Electronic Transaction or SET™, 1.0 protocol and ensure confidential and secure payment card transaction on the Internet. This suite of products includes iTP Payment CA, iTP Payment Gateway, iTP PayServer and iTP Wallet.

## STANDARD CONFIGURATIONS

- Workstations or servers (based on Intel Pentium, Pentium II or Pentium Pro processors) running Microsoft Windows NT or Windows 95 operating systems
- Internet browser: Microsoft Internet Explorer or Netscape Navigator 3.04 or later
- Databases: Oracle, Sybase, Microsoft SQL Server
- Supported cryptographic hardware and software:  
Atalla PayMaster™ Internet Security Processor (optional)

### Internet Commerce Explodes

---

Forrester Research predicts US \$17.5 billion in online shopping by the year 2001; ActivMedia projects US \$638 billion in total Web-generated electronic commerce by the year 2000. With such rapid growth of Internet commerce, consumers need to be confident that their Internet transactions are secure.

### Open Standards-Based Applications

---

Developed by a consortium of Visa, MasterCard, other payment providers and technology partners, the SET protocol is an open standard, enabling secure card payment transaction on the Internet. Applications based on SET will provide merchants and cardholders with the same degree of confidence in Internet-based transactions that they might conduct in person.

### SET Success Guaranteed by Several Factors

---

- By using digital certificates, payment card brands can grow through secure transactions, extending brand identity to the Internet.
- Technology providers can deliver value-added hardware and software solutions.
- Bank and card processor fraud decreases through-out the payment chain by assured identification.
- Internet payment services that can interface with legacy financial systems are a key differentiator for banks and independent service providers.
- Merchants offer secure card payments to Web customers and increase revenue and market reach while decreasing fraud and transaction processing fees.

### Scalable, Web-Based Card Payment Solutions

---

The Tandem iTP Payment Solution offers a suite of scalable, high-performance, secure card payment services.

- *iTP Payment CA* is a certification authority application that generates and manages digital certificates and cryptographic keys, allowing financial institutions to define and control the process of authenticating and certifying cardholders.
- *iTP Payment Gateway* connects the merchant's commerce website to legacy financial systems responsible for authorization and payment.
- *iTP PayServer* is a point-of-sale application that connects a merchant's commerce website application to the buyer's electronic wallet and to the financial payment gateway.
- *iTP Wallet* is a browser-based plug-in (cardholder application) that stores the buyer's account information and digital certificates and communicates with merchants.

## STANDARD CONFIGURATIONS *(continued)*

### Tandem's High-Performance Internet Solutions

---

As the market continues to grow, handling Internet transactions will become a necessary function of every payment processing system. iTP Payment Solution brings Tandem's two decades of online transaction processing expertise to the Internet, where the reliability, scalability, data integrity and security of Tandem servers are more important than ever before.

## HOW TO PURCHASE

Refer to individual iTP Payment Solution modules.

For more information, access Tandem's home page on the World Wide Web at <http://www.tandem.com>.

Send Internet e-mail messages to [info@tandem.com](mailto:info@tandem.com). For sales offices worldwide, access Compaq's website at <http://www.compaq.com>.

### Tandem Computers Incorporated

#### World Headquarters

19333 Vallco Parkway

Cupertino, CA 95014-2599, USA

+1 (408) 285-6000

Tandem has offices, distributors and other agents throughout the world.