

GATEWAY SECURITY

Presented by

PAYSENTINEL

The Importance of Data Security In POS Environments

- ❖ The Internet is Open Territory to Hackers & Cyber Criminals.
- ❖ Thieves Look for the Holes in Payment Gateways, Private Computers and Managing Software Programs.
- ❖ Sensitive Information Passes Through All Of These Highways.
- ❖ A Gateway Provides Protection of This Data. Useful in Both the E-Commerce and Retail Environments

Do not store the Credit Card Data

- Card Data should never be stored on the gateway
- Storage of Data on A Secure Server is still accessible
- What is the focus of the Hacker/Information Thief
- How does the thief get in: admin tool/worms
- Most recently hackers get into networks is through applications
- **Major hack**: At least 45 million shoppers using credit and debit cards at TJ Maxx and Marshalls had their card details stolen from hackers, over a period of 4 or more years. This is believed to be the largest breach of consumer information in history.

A Gateway could reduce this risk

- Hackers broke into their computer; they *suffered an unauthorized intrusion into their computer systems that process and store information related to customer transactions.*
- The disclosures made in a regulatory filing reveal that there were security holes that are common among many organizations that are trusted with private consumer data, such as credit card information. TJX failed to delete data from customer transactions promptly, and failed to guard secrets regarding how the data is protected with encryption.
- The company has agreed to pay more than \$9 million as a result of this hack

How a Gateway Can Help Merchants Achieve PCI Compliance

- ❑ **PCI Compliance** is a set of requirements designed to ensure that ALL companies that process, store or transmit credit card information maintain a secure environment.
- ❑ **One Requirement:** Protection of Cardholder Data
 - Protect Stored cardholder data &
 - Encrypt transmissions of cardholder data across open public networks
- ❑ **Solution:**
 - Credit Card Data is NEVER Stored on the Gateway, Servers or on the Internet.

The Paysentinel Gateway

*Revolutionary Technology Going Beyond the
Most Secure Encryption Available
Today...Protecting Your Customer's Data and
Ensuring Your Information Security.*

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