













University of Colorado Colorado Springs

CS4950/5950 Homeland Security & Cybersecurity

PCI DSS

- Risky merchant behavior makes credit cards and associated information vulnerable to theft
- The card-processing ecosystem is rife with potential vulnerabilities:
 - Sales Register
 - PCs and Servers
 - Wireless Hotspots
 - Web Applications
- The Payment Card Industry (PCI) Data Security Standard (DSS) was designed to reduce vulnerabilities and protect cardholder data.

Risky Merchant Behavior

81% store credit card numbers

73% store credit card expiration dates

71% store credit card verification codes

57% store customer data

16% store other personal data

When asked why he robbed banks, Willie Sutton reportedly answered "that's where the money is."

> 8 Esc















