



ATM ARMOR



Maximum Security



Monitoring Features



Easy to Install

BLACKBOX

MALWARE



PROTECTION

The ultimate ATM **BlackBox**
and **Malware** defence

SPL
GROUP



ATMs



ATM SOFTWARE



CASH AUTOMATION



SECURITY SOLUTIONS

Key Features

- ✓ Black-box protection on all ATM series regardless of dispenser firmware version
- ✓ Malware protection
- ✓ One solution for all major vendors
- ✓ Virtual host protection, provided that authentication is performed outside the ATM
- ✓ Transparent to service engineers and cash replenishment
- ✓ Ability to connect external alarm system

Malware Protection

Main Functions

- ✓ Malware can be considered as a software black-box
- ✓ Existing dispenser protection solutions from ATM vendors don't protect against malware attacks
- ✓ ATM Armor protects equally against all types of jackpotting attacks
- ✓ ATM Armor software protects itself from being manipulated and reverse-engineered

BlackBox Protection

Main Functions

- ✓ ATM Armor prevents black-box attacks by enhancing dispenser functionality with withdrawal authorization mechanism
- ✓ Dispense operation is blocked if initiated without authorization from the bank host or local ATM Armor Software
- ✓ Strong encryption algorithms eliminate traffic 'sniffing' and forgery



~ 20 min
installation time

Dynamic session
AES-128 session key

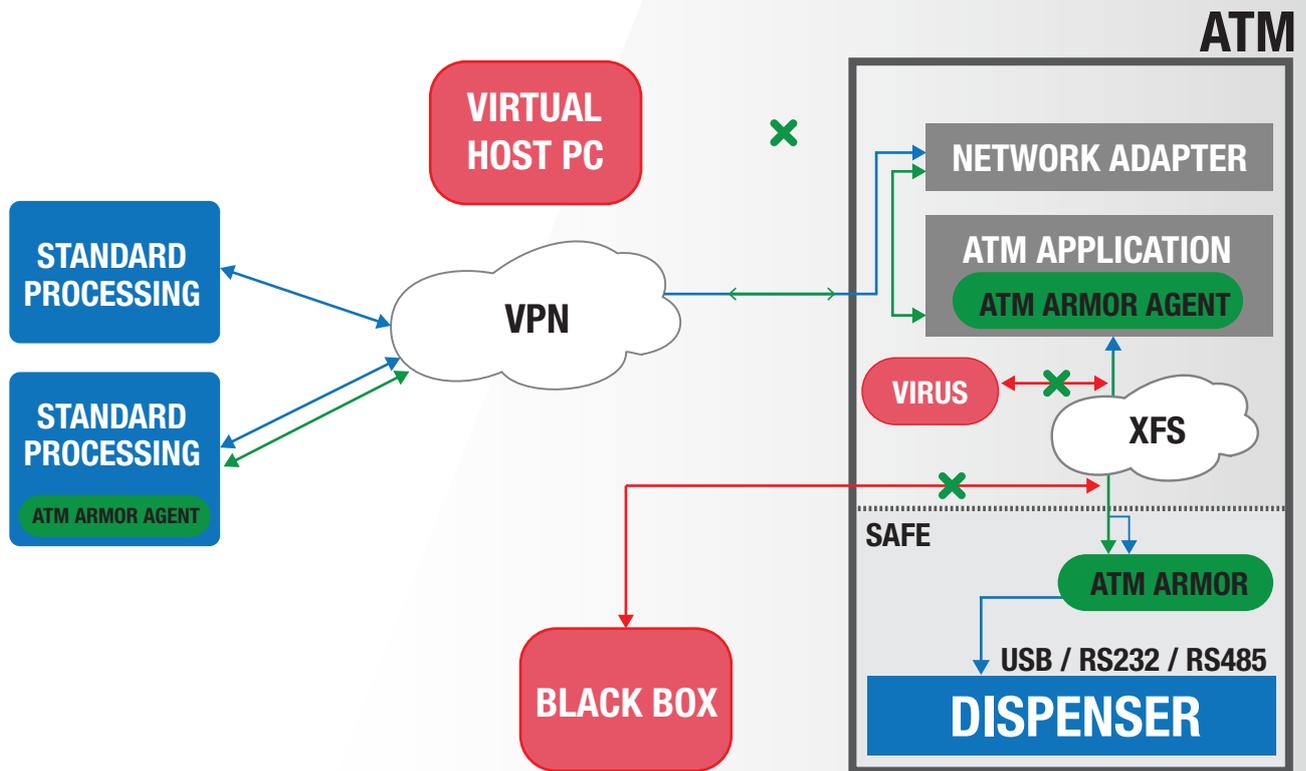


Unique private key
for each controller



Protected from being
reverse engineered

Schematic Diagram



We invite you to attend one of our technical
or information sessions by emailing sales@spl.net

