

# Malware Prevention for Retail Point-of-Sale Systems

FBI warning to retailers: Expect more credit card breaches.

Malware may already be living in your POS system. Even if it's not connected to the internet, cybercriminals can make their way into your POS system, easily bypassing traditional security. In the past year alone, the FBI has uncovered 20 cases of cyberattacks against retailers. While not new, point-of-sale, or POS malware attacks are growing more sophisticated and doing a better job of covering their tracks than ever before. FBI and other fraud experts are predicting a growing trend of breaches linked to malware, such as BlackPOS, Dexter, KAPTOXA POS and Alina, that will continue to take aim at the retail and hospitality industries.

These types of advanced malware are very hard, if not impossible, to detect because they are very good at covering their tracks. This means that traditional antivirus and firewalls are easily defeated by these types of advanced malware. Retailers now need to protect their systems like other financial institutions by adding additional layers of prevention that stop advanced threats and other forms of malware from successfully stealing their customer data.

ADDRESS THE RISK OF  
POS MALWARE HEAD  
ON WITH AN ADDED  
LAYER OF DEFENSE.

Wontok™ SafeCentral POS should be part of your overall strategy to protect your Microsoft® Windows® based POS systems against threats. Wontok SafeCentral POS is different from antivirus or firewalls and can be used in conjunction with your current security solutions. Because it operates deep within the operating system, Wontok SafeCentral POS effectively creates a barricade against advanced threats and data stealing malware. Wontok SafeCentral POS is a cost effective solution that does not require frequent updates.

## Wontok SafeCentral approach for safer transactions

Wontok SafeCentral POS is a Point-of-Sale solution that renders advanced malware inoperable. It is an effective additional layer of defense in your overall strategy to secure Windows POS systems:

- + Protect transactions on Windows based Point-of-Sale (POS) systems and cash registers from malware.
- + One-time lightweight software installation requires limited IT investment and support. It is easy to deploy and has minimal disruption to protect against POS malware.
- + Provides a secured, malware-free container within which all POS systems are run. Any malware that finds its way onto the terminal has no access to anything inside the SafeCentral POS environment, thus keeping all sensitive data safe.

# The Wontok SafeCentral difference

- + SafeCentral fills the gaps left by traditional antivirus, firewalls and encryption technology.
- + SafeCentral protects against memory stealing malware (also known as “RAM scraping”).
- + SafeCentral has been shown to be effective against BlackPOS, Dexter, KAPTOXA POS, Alina and other financial malware
- + SafeCentral defeats advanced malware, including ring zero rootkits.
- + SafeCentral is easy to deploy to existing POS systems.
- + Wontok SafeCentral's patented technology includes kernel drivers and hardened services that supervise operating system events and enforce policies to block malware on Windows-based POS devices.
- + SafeCentral integrates seamlessly with other authentication and security solutions.
- + Supported internationally.

## Protects transactions on Windows based POS devices:

- + Prevents POS hijacking
- + Compatible with third party financial platforms
- + Deploys quickly and easily
- + Strengthens fraud mitigation strategies
- + Supports regulatory compliance
- + Provides security with flexibility
- + Protects your brand and goodwill

## Protects against POS malware threats:

- + Zero-day malware
- + Vulnerability exploitation
- + Keylogging
- + Memory scraping
- + Screen capture
- + DNS compromise and redirection
- + SSL hijacking
- + Password theft
- + Session takeover
- + Registry, process or file tampering

## Supported systems:

Windows 8.1, 7, Vista, XP and Embedded (32 and 64 bit modes), multi-language capability.

Windows Internet Explorer 8, 9 and 10.

## Contact Information

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