APPGUARD   SOFTPROM

Prevention Without Detection

Secure your assets by enforcing the integrity of OS Design with AppGuard

Appguard is a unique technology that was developed in 2009 in close collaboration with U.S. Intelligence agencies to solve a unique problem — **How to secure an offline device from zero-day threats when it comes back online after an unknown amount of time.**

AppGuard secures critical assets and critical business infrastructure by enforcing the integrity of the OS design with three key policies:

1

OS Segmentation

Identifies and groups applications based on OS location (prevents any abnormal behavior from crossing over from user space to system space)

2

Isolation Technology (Patented)

Applications in system space are grouped into **high risk** and non-high-risk applications

3

Inheritance Technology (Patented)

Child processes that start in a high-risk app but execute from a low-risk app "inherit" the high-risk policies

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System resources vs. anything outside of the system space. Apps can only **launch** from System Space, unless a "Trusted" exception is granted.

System Space
All application launchable area

C:\Program Files
C:\.\.\Office
C:\Windows\System
diskpart.exe
reg.exe

User Space
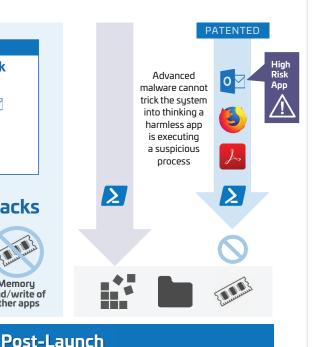**Application launch impossible area**

C:\Users\Jon
C:\.\.\Desktop
C:\.\.\Downloads
USB Drive

Pre-Launch

Applications in system space are grouped into **high risk** and non-high-risk applications. Out-of-box policies are enforced based on grouping.

PATENTED
Guarded High-Risk Applications

Stop targeted attacks

Registry Change

Write to System Space

Memory read/write of other apps

Child processes that start in a high-risk app but execute from a low-risk app

PATENTED

Advanced malware cannot trick the system into thinking a harmless app is executing a suspicious process

High Risk App

Post-Launch

Key Benefits

- Requires no updates or internet connection
- Significantly reduces operating overhead
- No file scanning, no static detection-based mechanism
- Less than 1% CPU latency
- Less than 1MB disk space on the endpoint
- Reduces patch management burden

- Broad Compatibility:
  - PC: Windows Desktop and Laptop
  - Server: Windows, Linux
  - Cloud: AWS, Azure, VDI
  - ATMs, PoS

Proven Success

"AppGuard should be on every Windows system in the world."

**~ Bob Bigman
Former CISO, CIA**

"Ensuring secure communications using mobile devices is a daunting challenge as we enter the 5G world. TRUSTICA answers that challenge."

~ Mark Kelton, former Deputy Director for Counterintelligence, CIA

"AppGuard is the technology I trust to keep my machines safe and my communications private."

~ Congressman Mike Rogers (Ret.) Former Chair of House Intelligence Committee

"We no longer need battalions of specialists to react to malware attacks because AppGuard blocks them at the endpoint as they strike."

~ Global Airline

'Four Year Malware-Free! No Bloat, No Burden, No Disruptions. It's simple to roll out & easy to forget."

~ Allan Lenius, VP NuSource Financial, LLC

"With AppGuard we've had zero incidents and it has given us peace of mind knowing that our systems and data are secure. This allows us to focus on real business."

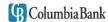**~ Kenneth A. Levey, MD CEO & Managing Director, Maiden Lane Medical**

"For over 2 years, AppGuard has been cost-efficient and effective endpoint protection solution that made our network more secure."

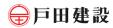**~ Ian Gottesman, CIO Center for Strategic and International Studies (CSIS)**

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諏訪信用金庫 SUWA SHINKIN BANK

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