

iOnSystem Defender™

Automotive Infotainment Security Software



Patent-Pending Intrusion Prevention

Technology that solves the problem, not just deal with it after the fact or simply report on it later.

Flexibility

The technology can be used by software makers during the creation of their software, during testing of their software or during its use by a customer, among other methods. The technology applies to any application, any operating system, and any hardware form factor.

Operating System

Technology applies to all components of the infotainment system including those in the underlying operating system (Windows, Linux, Android, iOS, etc.)



Preventing unauthorized access to the infotainment system.

- ❑ Control internal behaviors of all applications and operating system components running on the system
- ❑ Control all aspects of executable code changes within applications
- ❑ Control loading of executable modules and implement a sandbox within the address space of applications

Overview and Benefits

The most damaging of Zero-Day Advanced Persistent Threats (APT's) use "Memory" programming errors in applications to take over an entire system and attack it.

iOnSystem Defender uses non-bypassable rule sets enforced during an application's execution that limits what the application can/cannot do; the rules are generated by observing "normal" behavior. iOnSystem Defender solves the universal self modification problem (among others) for the ANY application running on Windows 7 (and above), Android, Linux and more.

Built by industry experts who have invented many of the most popular and impactful security products & technologies in use today.

System Capabilities

- ❑ Technology application to solve memory and other attacks
- ❑ Full framework to address current and future problems
- ❑ Ability to add applications as necessary
- ❑ Assured calling sequences
- ❑ Caught 100% of sophisticated day-0 attacks attempted by reputable 3rd party

Services and Deployment

Assist in creation of additional rules for specific privileged operations for applications of interest. Provide secure cloud services or customers may choose to run their own private cloud. Cloud updates global policies applicable to all agents and updates them in real-time or periodically.

