



- Assured Information Security, Inc.
- Jacob Torrey & Scott Souva



- AIS has extensive research capabilities in hypervisor security and trusted computing
- Lead contractor on the AFRL SecureView program and lead development role of OpenXT hypervisor project (Xen-based)
- Developed numerous hypervisors: MoRE, HARES, OpenXT, and Bareflank
- Patented technology for dynamic root-of-trust measurements of legacy platforms as well as virtual machine introspection (IntroVirt™)



- Helped design and implement SecureView MILS desktop environment
 - Mostly open-sourced as Xen-based OpenXT
- Designed thin-hypervisor to measure dynamically changing code in real-time
 - Can establish/maintain trust on legacy systems
- Used hypervisor to provide SGX-like capabilities with 2% performance impact
- Bareflank is all-new open-source research hypervisor



- AIS is looking for support in analytics and operational environment insight
 - Optimization of response to loss-of-trust events
 - Modeling large-scale networks of heterogeneous nodes and trust levels
- If you have an idea and are looking for hypervisor and trusted computing support, reach out!



Contact Information

- Jacob Torrey
- Advising Engineer
- Assured Information Security
- torreyj@ainfosec.com
- +1 315-240-0127
- <http://www.ainfosec.com>