



10th Anniversary

Nominee Showcase Presentation

ISE[®] North America Executive Forum and Awards 2012

Company Name: Seagate
Project Name: Factory Application Control/Whitelisting
Presenter: Curtis Coleman / Steve J Haines
Presenter Title: CISO / Endpoint Security Manager





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Company Overview



- Founded in 1979, Seagate is the leading provider of hard drives and storage solutions.
- Seagate employs more than 50,000 people around the world
- In 2008, Seagate became the first hard drive manufacturer to ship 1 billion drives.





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Presentation/Project Overview

- Keep the factory running optimally
 - Manufacturing capacity
 - Equipment with aging computer hardware
 - Anti-Virus software impact
 - Unknown threats and APTs
- There has to be a better way



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Overview of Business Challenge

- Malware infections could impact Factory systems
- AntiVirus software upgrade significantly decreased throughput to an unacceptable level.





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Project Scope/Goals

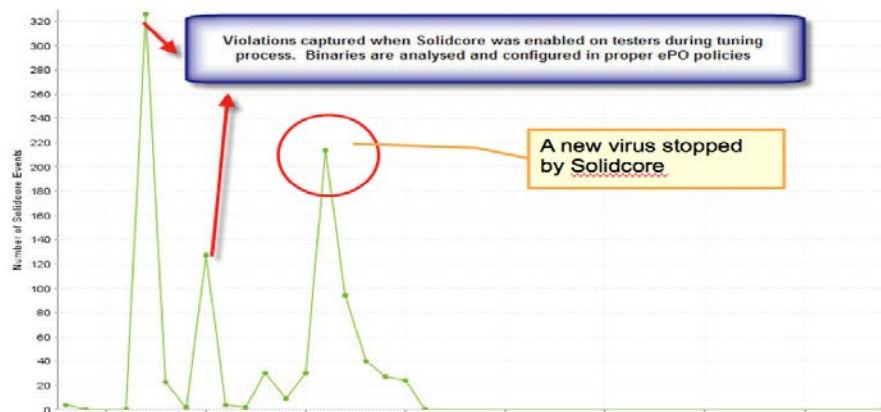
- Implement Application Control/Whitelisting
- Restore lost performance
- Provide better protection from threats
- Ensure maintenance can be performed easily
- Minimize downtime



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Project Results

- Improved performance throughput
- Stopped an undiscovered threat
- Created scripts for easy maintenance





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Lessons Learned/Best Practices

- Allow only known applications to run
- Whitelisting blocks apps from running
- Be careful what you configure as trusted
- Keep Anti-Virus - to remove malware at rest
 - Disable On-Access protection
 - Target On-Demand scanning when needed
- Tuning is not hard if you plan properly