

BEST PRACTICE GUIDE

Ransomware & Data Protection

AN IMPLEMENTATION CHECKLIST FOR ASSET MANAGERS



IDENTIFY YOUR ASSETS

<input type="checkbox"/>	Identify critical data/systems
<input type="checkbox"/>	Identify systems with enterprise-wide reach
<input type="checkbox"/>	Know the business implications (impact to bottom line/operations)



PROTECT YOUR SYSTEMS

<input type="checkbox"/>	Keep patches updated; set anti-virus/anti-malware updates to automatic
<input type="checkbox"/>	Implement “principle of least privilege” (limit Administrator accounts)
<input type="checkbox"/>	Implement software restriction policies
<input type="checkbox"/>	Conduct ongoing security risk assessments; identify types of attack vectors
<input type="checkbox"/>	Consider third party vendors to proactively monitor breaches



TEST AND TRAIN

<input type="checkbox"/>	Create a Computer Security Incidence Response Team (CSIRT)
<input type="checkbox"/>	Evaluate frequencies of backups
<input type="checkbox"/>	Determine workarounds for critical data encryption
<input type="checkbox"/>	Restore data from backup to development environment
<input type="checkbox"/>	Participate in industry information-sharing forums; “share the intel”
<input type="checkbox"/>	Document detailed cyber incidence response plan
<input type="checkbox"/>	Conduct table top exercises with key stake holders
<input type="checkbox"/>	Identify alternative communications channels for incident responders
<input type="checkbox"/>	Offer robust security awareness training to staff

Source: Live NICSA webinar on October 11, 2017 including participation from US Secret Service, US Bank, OppenheimerFunds, KPMG.

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