

Service Note

Industrial Cyber Security Solutions: Automated Patching and Anti-Virus Service



Critical updates delivered to all computers in your control systems environment without introducing security exposures.

\$491 billion: Estimated Breach, Malware Cost

Recently a Microsoft study predicted that companies around the globe would spend around \$500 billion making fixes and recovering from data breaches and malware.

- Approximately 55% of all breaches reported to ICS-CERT are the result of a malware based advanced persistent threat (APT).
- According to Gartner research, unpatched vulnerabilities are the number one way viruses and malware are able to successfully infect our systems.

Secure and Automated Delivery and Deployment

Honeywell automatically deliver the patches and anti-virus updates down to every end node in your distributed control system (DCS) while you remain in control of when the installation occurs. This service is designed to remove the manual work required to comply with your organizations patching standards and assist you in eliminating vulnerabilities that could impact operations stability and safety. Honeywell supports McAfee (Intel Security) and Symantec Anti-Virus programs and software patches for Microsoft OS, Adobe Products and Control System Software.

Key Benefits

- Eliminates the need to visit each computer in your controls environment to apply updates
- Removes the guess work and manual effort required to ensure the correct updates are applied to each type of system
- Provides a central console where you can control exactly when each update is installed (i.e. weekly, monthly, or during designated maintenance periods)
- Delivers only updates that have been thoroughly tested for impacts to your control systems

- Prevents malware exposure by delivery over a secure channel and eliminates the use of USB drives or file downloads from untrusted systems
- Reduces the exposure to cyber attacks that can be introduced by making firewall changes needed to obtain updates.

Model/Device	AV	Anti-Virus Information at Time of Report			Anti-Virus Status for Reporting Period			
		Engine Version	DAT File Version	DAT File Release Date	Virus Alerts	Errors	Warnings	Program Errors
ESV (Process)								
PKSESV02A	W	5400.1158	7750.0	2015/03/24	-	-	-	-
PKSESV02B	W	5600.1067	7750.0	2015/03/24	-	-	-	-
ESVT								
PKSESVT01A	W	5400.1158	7750.0	2015/03/24	-	-	-	-
PKSESVT01B	W	5400.1158	7750.0	2015/03/24	-	-	-	-
Windows								
PKSEST12	W	5400.1158	7750.0	2015/03/24	-	-	-	-
Devices without supported Anti-Virus								
Model/Device								
3rd Party Server								
DC01								
3rd Party Workstation								
PIPC01								
eServer								
ESERVER								
ES-F								
PKSESF01	PKSESF02	PKSESF03	PKSESF04	PKSESF05				
PKSESF06	PKSESF07							
Windows								

Anti-virus reports provide insight into the health of your process control network and help identify devices that require updates.

Viruses and worms can get to even isolated/air gapped networks, either through USB flash drives or through infected laptops that get connected to the isolated network. ICS-CERT continues to emphasize that owners and operators of critical infrastructure should develop and implement baseline security policies for maintaining up-to-date anti-virus definitions, managing system patching, and governing use of removable media.

Such practices will mitigate many issues that could lead to extended system downtime.

Honeywell Anti-Virus and Patch Services Help Avoid Downtime and Provide a Stable and Resilient Baseline Infrastructure

Automated patching and anti-virus services, along with other Managed Services are delivered by Honeywell's Security Service Centers (SSC). Currently there are centers in the U.S. and Europe that provide global support. Centers are staffed by cyber security experts who understand the specific requirements for protecting industrial control automation systems.



Honeywell Security Service Centers deliver Managed Industrial Cyber Security Services and provide global support.

About Honeywell Industrial Cyber Security Solutions

Honeywell is the leading provider of industrial cyber security solutions that help customers ensure the availability, reliability, and safety of their industrial and automation control system and plant operations. Leveraging our industry leading process control and cyber security experience, our expertise, and technology, Honeywell delivers proven solutions designed for the specific needs of process control environments and critical infrastructure sectors. Our portfolio includes Managed Industrial Services for process control infrastructure protection, and the Industrial Cyber Security Risk Manager solution which proactively monitors, measures and manages industrial cyber security risk. We also offer consulting and remediation services including security assessments and audits, architecture and design, network security, endpoint protection, situational awareness, and response and recovery. These solutions are enabled by innovative technology and delivered by a global team of cyber security experts.

For More Information

Learn more about Honeywell's Automated Patching and Anti-Virus Service, visit our website www.becybersecure.com or contact your Honeywell account manager.

Honeywell Process Solutions

Honeywell
1250 West Sam Houston Parkway South
Houston, TX 77042

Honeywell House, Arlington Business Park
Bracknell, Berkshire, England RG12 1EB UK

Shanghai City Centre, 100 Zunyi Road
Shanghai, China 20051

www.honeywellprocess.com

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