

Solution brief

Protect your fleet with simple, policy-based print security



Grow your business the secure way – with **HP JetAdvantage Security Manager (formerly HP Imaging and Printing Security Center)**

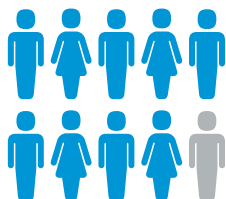


Secure your fleet with the solution Buyers Laboratory (BLI) calls trailblazing.¹ HP JetAdvantage Security Manager is the most comprehensive printing security solution in the market, offering an effective, policy-based approach to securing HP printing and imaging devices.

Nearly

90%

of enterprises say they have suffered at least one data loss through unsecured printing



Your business faces security challenges every day

Your company is continuously creating confidential, valuable data that's crucial to running your business. And you're probably using multiple security methods—including authentication, encryption, and monitoring—to protect this data on your networks, PCs, and servers. But is your printing and imaging environment as secure as the rest of your infrastructure? The security exposure and associated costs can be high, whether it's from unattended documents on a printer, sensitive data processing from the computer to the device, or confidential information on device hard drives. To help keep your business protected, you need a solution that simplifies and strengthens security throughout your printing and imaging environment, saving your business time and money that can be better spent elsewhere.

An industry first in security management

That's why HP developed HP JetAdvantage Security Manager, a streamlined, policy-based approach to securing HP printing and imaging devices. With HP Security Manager, you can improve the security of your HP printing and imaging fleet before you experience the stress of a data breach—helping protect your devices, and the information that keeps your company running.

HP Security Manager offers a simple, intuitive process for securing your fleet. Efficiently deploy and monitor devices by applying a single security policy across the fleet, and secure new HP devices as soon as they are added to your network with HP Instant-on Security.² Actively maintain and verify compliance with your defined security policies using HP Security Manager's automated monitoring and risk-based reporting. Rely on the automatic deployment and updating of identity certificates that strengthen information security while significantly reducing administrative overhead.

How HP Security Manager secures your fleet

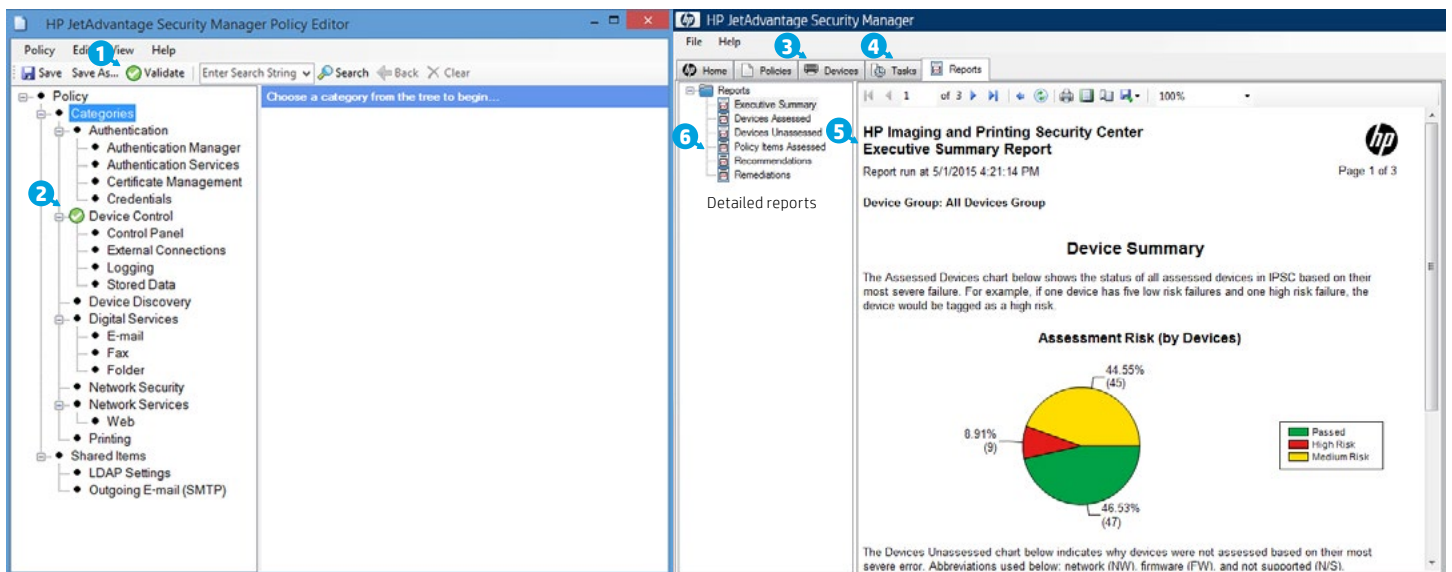
HP Security Manager offers a holistic approach to HP fleet security that strengthens compliance and reduces risk.



Provide fleet security with effortless policy creation

HP Security Manager includes policy creation and editing features that make it a snap to apply customer-defined security policies across a fleet of HP printing and imaging devices.

- **Single policy**—Intuitive to set up and use, the HP Security Manager interface helps you establish a single security policy and quickly apply it to your HP printing and imaging fleet. A single policy allows you to streamline the process of securing devices, regardless of the type or model of product.
- **HP Security Manager Base Policy**—Easily create a security policy for your print environment using the HP Security Manager Base Policy template. The template provides a baseline approach for securing a common enterprise printing environment, but is easily tailored to meet individual security policy requirements. The template combines settings from the U.S. National Institute of Standards and Technology-approved HP Security Best Practices Checklist with customer input on the security settings necessary to create a secure, yet productive print environment.³
- **HP Policy Editor**—Modify your security policies to best suit changing company needs, regulations, or industry standards. The easy-to-use HP Policy Editor simplifies policy creation and changes with an intuitive rules engine that provides guidance and helps create a comprehensive policy for your environment.



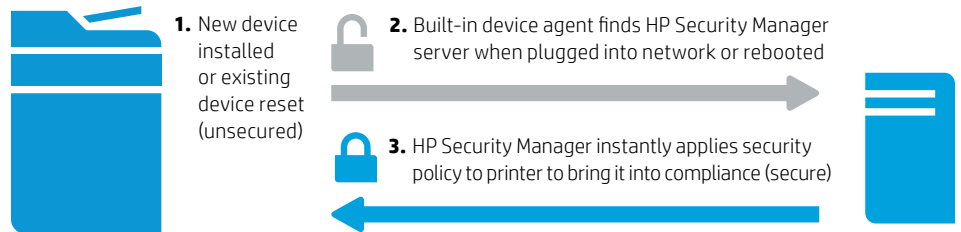
- 1 Policy validation identifies missed items and potential conflicts
- 2 See where your policy had been validated, warnings, or conflicts
- 3 Add, verify, and group devices
- 4 Assess and Remediate your devices and set up recurring tasks
- 5 Executive level risk based reporting
- 6 Detailed reports on assessments and remediations

Connect devices to your policy in a variety of ways

It's easy to add HP devices to HP Security Manager.

- Add many devices by importing a .txt or .xml file with device IP addresses or host names, including .xml exports from HP Web Jetadmin.
- Use the HP Instant-on Security feature to automatically add each HP device into Security Manager as soon as it is connected to your network or from reset without any intervention. Unique to HP Security Manager, HP Instant-on Security also immediately configures devices to be compliant with your specific corporate security policy—saving you time and minimizing risk.

HP Instant-on Security



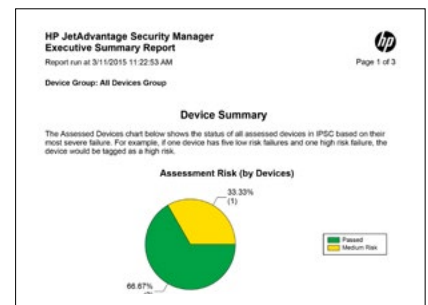
Maximize your investments with proactive compliance

HP Security Manager helps maintain compliance with on-going assessments and automated remediation. You decide how often you want to ensure your devices are in compliance with your security policies. Daily, weekly, or monthly—it's up to you.

- **Assessment**—During the scheduled assessment, HP Security Manager runs in the background and verifies your fleet's security settings against a specific policy. The assessment process then identifies and reports any noncompliant features.
- **Remediation**—HP Security Manager automatically applies the correct policy settings to any noncompliant features recognized during the assessment. The compliant setting is assessed again to confirm it was applied successfully.

Reduce risk with comprehensive security fleet reporting

Protect your information with built-in reporting tools. Users can run summary reports on the risk levels of the fleet, while also being able to see specific risks by device or security setting. HP Security Manager verifies and documents compliance to your active security policies.



Simple, intuitive risk assessment

Protect your workflow with fleet management of certificates

Certificates are vital to protecting the flow of information to and from your devices. They are used to prove identity and encrypt data, enabling secure communication between trustworthy entities. However, customers who want to secure their print devices are faced with several challenges when it comes to certificates. Manually installing unique certificates can be an error-prone, laborious, and time-consuming task—up to 15 minutes per device. This causes many customers to opt out of using certificates entirely or maintaining them properly.

HP Security Manager's latest innovation streamlines this process by deploying unique identity certificates across your fleet, continuously monitoring them to ensure they remain valid, and automatically replacing revoked or expired certificates.²

HP Security Manager efficiently implements and updates both ID and CA certificates—helping increase the security of your infrastructure, applications, and device communications.

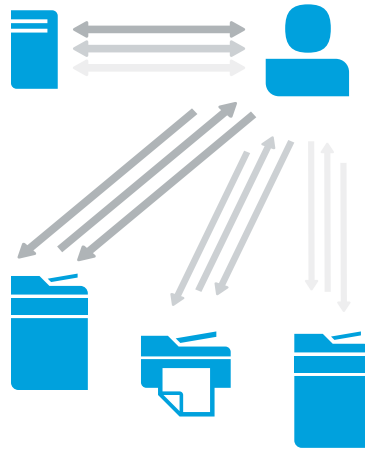
- **Quick installation**—Install unique identity certificates across your fleet of HP devices with less administrative overhead than manually installing certificates on one device.
- **Easy integration**—Integrate certificates into your existing HP Security Manager policy and standard assessments and remediations.
- **Automatic renewal and updates**—Use automatic assessment and remediation to detect and renew certificates before they expire, and replace revoked certificates with no human intervention.
- **Informative feedback**—Access reporting on certificate validity, and troubleshoot problems to resolve infrastructure issues via detailed HP Security Manager recommendations.

Automatic certificate management

Make it easier for IT administrators to manage the certificate process—and help save your business time and money.

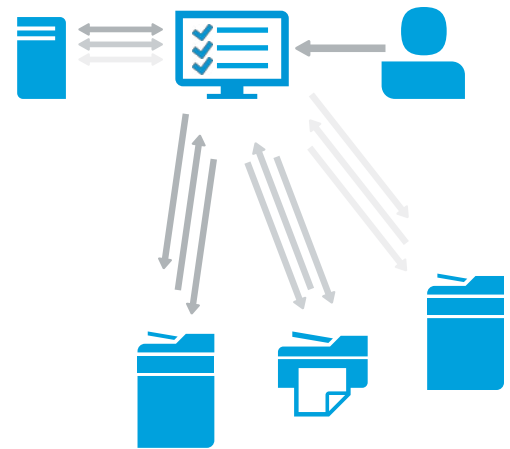
Before

Manual, time-consuming, and error-prone process required on each device



After

Simple, efficient, one-time setup for the entire fleet with HP Security Manager



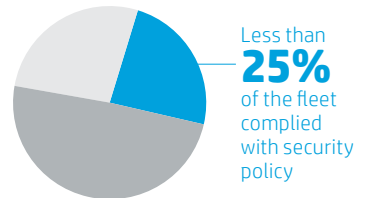
How can this easy-to-use solution benefit you?

HP Security Manager is a versatile security solution that can apply to a variety of contexts and business situations.

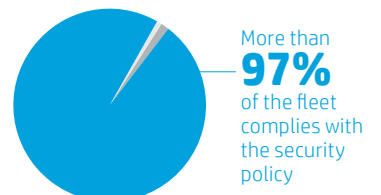
For example, financial services firms know that protecting client information is crucial to the success of their business, and is required by industry regulations. However, with print fleets that often number in the thousands, maintaining security consumes a substantial amount of administration overhead.

With HP Security Manager, financial services firms can save time and money by scheduling a daily assessment and remediation of their HP printing and imaging fleet. This helps ensure that the fleet remains compliant with a company's security policy, while also freeing up the IT team to focus on other activities. Administrators can also print or save built-in fleet, device, or feature-level reports for proof-of-policy compliance, making it easy to verify that client information is safe and secure.

Before HP Security Manager



After HP Security Manager



Technical specifications

Supported network operating systems	Microsoft® Windows® 8.1 (32 and 64 bit), Windows 8 (32 and 64 bit), Windows 7 (32 and 64 bit), Windows Server® 2008 R2 (64 bit), Windows Server 2012 (32 and 64 bit), Windows Server 2012 R2 (32 and 64 bit)
Supported databases	Microsoft SQL Server® 2008 R2 Express (provided with HP Imaging and Printing Security Center), SQL Server 2012 Express, SQL Server 2008 R2 or 2012
Supported devices	<p>HP LaserJet: 2300, 2300L, 2420^, 2430^, 4000, 4050, 4100, 4200, 4200L, 4240^, 4250^, 4300, 4350^, 5100, 5200^, 8150, 9000, 9040^, 9050^, P2055~, P3005^, P3015*, P4014*, P4015*, P4515*, M201~, M202~, M401~, M601*, M602*, M603*, M604~, M605~, m606~, M701~, M706~, M712*, M806*</p> <p>HP LaserJet MFP: M3027 MFP*, M3035 MFP*, M4345 MFP*, M4349 MFP*, M4555 MFP*, M5025 MFP*, M5035 MFP*, M5039 MFP*, M9040 MFP*, M9050 MFP*, M9059 MFP*, 4100 MFP, 4345 MFP^, 9000 MFP, 9000L MFP, 9040 MFP^, 9050 MFP^, M225 MFP~, M226 MFP~, M425 MFP~, M435 MFP~, M521 MFP~, M525 MFP*, M525 flow MFP*, M630 MFP*, M630 flow MFP*, M725 MFP*, M830 flow MFP*</p> <p>HP Color LaserJet: M272~, CP3505*, CP3525*, CP4005, CP4025*, CP4525*, CP5525*, CP6015*, 3000^, 3700, 3800^, 4600, 4650, 4700^, 5500, 5550^, 9500, M451, M551*, M552~, M553~, M651*, M750*, M855*</p> <p>HP Color LaserJet MFP: M277 MFP~, CM3530 MFP*, CM4540 MFP*, CM4730 MFP*, CM6030 MFP*, CM6040 MFP*, CM6049 MFP*, 4730 MFP^, 9500 MFP, M375 MFP~, M475 MFP~, M476 MFP~, M570 MFP~, M575 MFP*, M575 flow MFP*, M680 MFP*, M680 flow MFP*, M775 MFP*, M880 flow MFP*</p> <p>HP OfficeJet: 251dw~, X451dw~, X551dw~, X555*</p> <p>HP OfficeJet MFP: 276dw MFP~, X476dw MFP~, X576dw MFP~, X585 MFP*, X585 flow MFP*</p> <p>HP other: Digital Sender DS 9200C^, DS 9250C*, 8500fn1*</p> <p>HP Jetdirect accessories: 620n (V.40.xx or later), 635n (V.40.xx or later), 2800w~, 640n, 695nw</p> <p>HP recommends upgrading to the latest HP firmware to ensure you have the latest security features.</p> <p>* These devices support the HP Security Manager Instant-on Security feature via an internal HP Jetdirect interface. A minimum device firmware is required (see product release notes for firmware date codes).</p> <p>^ These devices support the HP Instant-On Security feature with HP Jetdirect 640n or HP Jetdirect 695nw installed in the device.</p> <p>~ These devices are currently not supported by the certificate management feature.</p>
System requirements	<p>Server requirements: 2.33 GHz dual-core processor minimum, 4 GB RAM minimum (32-bit systems), 8 GB RAM minimum (64-bit systems)</p> <p>Client requirements: PC with 1.8 GHz processor minimum, 3 GB RAM minimum (32-bit systems), 4 GB RAM minimum (64-bit systems)</p> <p>Storage requirements: Minimum 4 GB available disk space. The amount of database storage required varies for HP Security Manager and is based on the following: number of devices assessed, size of policy to assess against, number of policies used to assess, frequency of assessments, and recommendations from assessments. It is highly recommended that a full instance of SQL be used when managing more than 1000 devices.</p>
Performance	HP has tested up to 10,000 devices on a server (higher amounts may be possible), and has achieved 1,500 device assessments per hour using the HP Security Manager Base Policy.
Supported languages	English



Ordering information

Product

- HP JetAdvantage Security Manager software license:
 - 10 Device License (A6A49BAE)
 - 50 Device License (A6A38BAE)
 - 250 Device License (A6A39BAE)
 - 1,000 Device License (A6A40BAE)Licenses are perpetual and can be stacked in any combination to reach desired quantity of devices.

For more information

To learn more about making HP JetAdvantage Security Manager an integral part of your company's overall IT security strategy or to obtain a free trial, please visit hp.com/go/securitymanager, contact your HP representative, or contact an HP Document Solutions Specialist.

Learn more at

hp.com/go/securitymanager

¹ Based on HP Internal secured data (Device Security Comparison, January 2015), and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015.

² Available on select product models and firmware versions. See page 5 for a list of supported products, or visit hp.com/go/securitymanager for details.

³ This tool is provided for general comparison only. This information is based on manufacturers published and internal specifications, and proprietary data and algorithms. The information is not guaranteed accurate by Hewlett-Packard Company. Users can customize the security policies used in the analysis, which will affect the results. Actual results may vary.

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