

ION™ Netgard™ MFD for HP® Wide Format Devices Common Access Card (CAC/PIV/SIPR)



Netgard™ Solution

- Cost-effective, plug-and-play solution
- For all HP wide format or HP multifunctional device
- Tested with HP Designjet T2500/T3500 and HP PageWide XL series
- Meets HSPD-12 and DoD compliance requirements
- Protects network from unauthorized distribution of information
- Enables Secure Print Release with CAC/PIV/SIPR
- Scan-to-Home utilizes CAC/PIV/SIPR network privileges

Easy Installation For Any Multi-Functional Device

With the Netgard™ MFD from API Technologies, US government agencies can now make any HP® wide format printer or multi-function device (printer, fax, copier) compliant with the Homeland Security Presidential Directive (HSPD-12). The Netgard™ allows users an affordable solution giving any HP device Common Access Card (CAC/PIV/SIPR) capabilities.

The Netgard™ is a drop-in, in-line, multi-factor, user authentication and encryption solution for networked, special purpose devices such as the HP wide format printers and multi-function printer/scanner/copiers. API offers two versions for HP customers. The original Netgard™ has the ability to secure any HP device with an external keypad and reader. Owners of the HP Wide Format multi-functional printer can purchase a special version of the Netgard that integrates the user authentication feature into the printer's touch screen, improving the user experience.

Cost Effective Solution to Meet Security Standards

Netgard™ protects networks by requiring users to authenticate themselves with a smartcard (CAC/PIV/SIPR) and personal identification number (PIN), thereby preventing unauthorized users from accessing privileged materials or distributing unauthorized material. Without a card and PIN, Netgard™ does not permit the user to print, scan, or send from the multi-function device to network resources.

Netgard™ meets HSPD-12 by facilitating CAC/PIV/SIPR multi-factor authentication required by the U.S. Department of Defense for access to network-based devices and systems. It supports both local and network user authentication using LDAP or Active Directory.



Netgard™ MFD for HP® Wide Format Devices

Common Access Card (CAC/PIV/SIPR)

Ease of Installation & Administration

- Simple to Manage: Easy-to-use administrative interface
- Remote Administration: Web-based administration via the Internet Secure Sockets Layer (SSL)
- Drop-in Deployment: Plugs into back of MFD
- Easy Installation: Web-based management interface sets up in minutes

Interoperability & Management

- NSI Autostore & Nuance eCopy: Integrates with NSI AutoStore for "Scan to Home"
- Enables Secure Copy, Fax & Store-to-Print: Allows for control/enabling of additional multi-function options
- IPv6 Support: IPv4 to IPv6 translation capabilities (optional), further extend the life of legacy systems.

Security & Compliance

- Automatic Session Termination: Session terminates with CAC/PIV/SIPR card removal
- Strong Two Factor Authentication: Supports PIN, X.509 certificate, OCSP, LDAP, and Kerberos.
- E-mail Encryption & Signing: Offers security and

positive confirmation of sender.

- Standards: HSPD-12, ISO/IEC 7816/7810, FIPS 140-2, FIPS 201, US DoD CAC/PIV

Secure Print Release

The Secure Print Release function on the Netgard™ MFD enables any non-CAC compliant device to perform print release using Active Directory authentication allowing for greater control of sensitive data. It is available in a high performance network print server version for large, high-capacity deployments, or in a printer-only version.

Scan-to-Home

The latest Netgard™ Scan-to-Home solution gives users a simple way to send a document to their network home directly. The Netgard™ MFD device uses the CAC credentials to bind the session using Kerberos authentication to the Windows File Share (support for SMB V2 & V3).

Scan-to-Email

The scan-to-email features provides automatic send address without user intervention and allows optional encryption and/or signing.

Features

	Netgard MFD	Netgard MFD for T2500, T3500 & Page Wide XL
CAC/PIV/SIPR	✓	✓
HSPD-12 & DoD Compliant	✓	✓
Remote Administration	✓	✓
IPv6 Support (Optional)	Optional	Optional
Automatic Session Termination	✓	✓
Email Encryption	✓	✓
Secure Print Release	✓	✓
Scan-to-Home	✓	✓
Used with any Multifunction Printer/Scanner/Copier	✓	
Integration with MFD Display		✓
Includes Second Card Reader with No Display		✓



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Specifications

Connectivity/Networking

2x 10/00/1000 Ethernet
Dual IP v4 and IPv6 stacks

Administration/Management

Local: Netgard MFD Manager
Remote: Web (SSL)

Certifications

IPv6 Phase 1
RoHS
WEEE
FIPS
Common Criteria

Physical Characteristics

Length: 5.65in/14.3cm
Width: 2.75in/7.0cm
Height: 1.04in/2.6cm
Weight: 0.8 lbs/0.36kg

Operating Conditions

Temperature: 0°C - 50°C (32°F - 122°F)
Voltage: 100-240 VAC
Frequency: 50-60 Hz
Current: 0.3 A Max
Power consumption: 4 W , 13.6 BTU/hr



Certified for HP Designjet.

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ION, part of API Technologies' Secure Systems & Information Assurance (SSIA) group, designs security solutions for sensitive environments where data, if compromised, could have severe financial, political, privacy or defense-related consequences.