

# Netgard™ MFD for HP® Wide Format Devices

## Common Access Card (CAC/PIV) Access



- **Cost-effective, plug-and-play solution for HP Designjet T3500 (integrated) or any HP wide format or multi-function device.**
- **Meets HSPD-12 and DoD compliance requirements**
- **Protects network from unauthorized distribution of information**
- **Enables Secure Print Release with CAC/PIV**
- **Scan-to-Home utilizes CAC/PIV network privileges**

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) capabilities.

The Netgard is a drop-in, inline, multi-factor, user authentication solution for networked, special purpose devices such as HP's 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 protected keypad. Owners of the HP Designjet T3500 eMultifunction Printer series can purchase a special version of the Netgard that integrates the user authentication feature into the printer's touch screen, improving the user experience.

Netgard protects networks by requiring users to authenticate themselves with a smartcard (CAC/PIV) 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 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.

## 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
- *Pv6 Support:* IPv4 to IPv6 translation capabilities (optional), further extend the life of legacy systems

## Security & Compliance

- *Automatic Session Termination:* Session terminates with CAC/PIV 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  
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

Netgard’s new 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.

## HP® Designjet T3500



The Netgard™ MFD for the HP® Designjet T3500 integrates user authentication within the printer. This eliminates the need for extra hardware and improves the user experience.

Certified for  
**HP Designjet**

## Features

	Netgard MFD	Netgard MFD for T2500 and T3500
CAC/PIV Authentication	✓	✓
HSPD-12 & DoD Compliant	✓	✓
Remote Administration	✓	✓
Pv6 Support (Optional)	optional	optional
Automatic Session Termination	✓	✓
Email Encryption	✓	✓
Secure Print Release	✓	✓
Scan-to-Home	✓	✓
Used with any multi-function printer/scanner/copier	✓	
Integrated with on screen display		✓

## Technical Specifications

### Connectivity/Networking

- 2x 10/100 Ethernet
- Dual IP v4 and IPv6 stacks

### Administration/Management

- Local: Netgard MFD Manager
- Remote: Web (SSL)

### Certifications

- IPv6 Phase 1
- UL 60950-1 Listed
- FCC, Part 68
- RoHS
- CE
- WEEE

### Physical Description &

### Operating Environment

- Width: 6.25in / 15.9cm
- Height: 1.125in / 2.9cm
- Diameter: 6.25in / 15.9cm
- Weight: 0.88lbs / 0.4kg
- Power: 100-240V (operating), 50-60 Hz (autosensing)  
0.6A (input current)
- Power Consumption: 6 Watts, 20 BTU/hour
- Temperature: 0°C - 50°C (32°F - 122°F)