

Netgard™ MFD

Common Access Card (CAC/PIV) Access to Multi-Function Devices



- **Extends life of existing printers/copiers/MFDs by enabling CAC/PIV authentication.**
- **Meets HSPD-12 and DoD compliance requirements.**
- **Cost-effective, plug-and-play solution.**
- **Protects network from unauthorized distribution of information.**
- **Enables Secure Print Release with CAC/PIV.**
- **Scan-to-Home utilizes CAC/PIV network privileges.**

Netgard™ MFD is a drop-in, inline, multi-factor, user authentication solution for networked, special purpose devices such as multi-function printer/scanner/copiers.

Netgard protects a network 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.

Many legacy devices, purchased before the adoption of HSPD-12, do not support CAC/PIV access. As a result, many useful legacy devices, such as multi-function copiers and scanners, have been rendered useless. Netgard offers an affordable solution that helps government agencies make the most of their technology investment by bringing these legacy devices into compliance with HSPD-12.

For U.S. government agencies, Netgard meets Homeland Security Presidential Directive (HSPD-12) by facilitating Common Access Card (CAC/PIV) multi-factor authentication required by the U.S. Department of Defense (DoD) 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 lets you set up in minutes

Interoperability & Nuance eCopy Management

- *NSI Autostore:* Integrates with NSI AutoStore for “Scan to Home”
- *Enables Secure Copy, Fax & Store-to-Print:* Allows for control/enablement 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, OSCP, LDAP, & Kerberos
- *Email 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

The 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.

Technical Specifications

Connectivity/Networking

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

Administration/Management

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

Certifications

- FCC
- IPv6 Phase 1

Physical Description &

Operating Environment

- Width: 6.25in / 15.9cm
- Height: 1.125in / 2.5cm
- Diameter: 6.25in / 15.9cm
- Weight: 0.4kg
- Power: Operating 100-240V, 50-60 Hz autosensing power supply Input Current: 0.6A
- Power Consumption: 6 Watts
- Temperature: 0°C - 50°C (32°F - 122°F)