

Netgard™ MFD



Common Access Card (CAC/PIV/SIPR Card) Access

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/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.

Many legacy devices and some modern devices do not support CAC/PIV/SIPR access or meet Homeland Security

Presidential Directive (HSPD-12). The Netgard MFD offers an affordable solution that helps government agencies make the most of their technology investment by bringing these devices into compliance with HSPD-12.

For U.S. government agencies, Netgard meets HSPD-12 by facilitating Common Access Card (CAC/PIV/SIPR) 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 and Kerberos.

**Without a card and PIN, Netgard does not permit the user to scan or send from the multi-function device to network resources. With SecurePrint Release, secure print jobs are held on the Netgard and require card authentication to print. Non-secure print jobs can be allowed to pass through without card authentication.*

Benefits:

- Cost-effective, plug-and-play solution
- Meets HSPD-12 and DoD compliance requirements
- Protects network from unauthorized distribution of information
- Enables Secure Print Release with CAC/PIV/SIPR Card
- Scan-to-Home utilizes CAC/PIV/SIPR network privileges

Features:

- **Ease of Installation & Administration**
 - » Simple to Manage: Easy-to-use administrative interface
 - » Remote Administration: Web based, SSL enabled, using customer supplied certificate
 - » Drop-in Deployment: Plugs into back of MFD
 - » Easy Installation: 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
- **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 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.
- **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
 - » HSPD-12, ISO/IEC 7816/7810, FIPS 140-2, FIPS 201, US DoD CAC/PIV/SIPR Administrator Access Authentication of Netgard MFD
 - » Common Criteria Certified

Technical Specifications:

- **Connectivity/Networking**
 - » 2x Gig Ethernet
 - » Dual IP v4 and IPv6 stacks
- **Administration/Management**
 - » Remote: Web (SSL)
- **Certifications**
 - » IPv6 Phase 1
 - » Common Criteria Certified
 - » RoHS
 - » CE
 - » WEEE
- **Physical Description & Operating Environment**
 - » Width: 2.75in / 7.0cm
 - » Height: 1.125in / 2.9cm
 - » Depth: 5.64in / 14.3cm
 - » Weight: 0.88lbs / 0.4kg
 - » Power: 100-240 VAC (operating)
50-60 Hz (autosensing)
0.6A (max inrush)
 - » Power Consumption: 6 Watts, 20 BTU/hour
 - » Temperature: 0°C - 50°C (32°F - 122°F)