

Data Sheet

NCP Dynamic Net Guard



Centrally administrable Personal Firewall for Windows 32/64 Bit operating systems

- Central Management and Network Access Control
- For company PCs and within the corporate network or at workstation PCs via VPN
- Location awareness through Friendly Net Detection for dynamic adaption of firewall rules
- Immediate protection of the end-device from system startup onwards
- Silent Mode
- Free-of-charge 30 day trial version

Scope of supply and features

NCP's Dynamic Net Guard (Win32/64) complements NCP's "Next Generation Network Access Technology"- the holistic Secure Communications Solution. It protects laptops, notebooks, netbooks, tablet PCs and desktop PCs with Windows 32/64 Bit operating systems - Windows 7, Windows Vista, Windows XP – from unauthorized access. The end-device is always protected against attacks, be it mobile or stationary, be it on the internet, in a Wi-Fi network or in a LAN. Depending on the location different firewall rules apply. For example, firewall rules for a public hotspot differ from firewall rules for the home office or for the corporate Wi-Fi network or LAN. On the one hand, the dynamic personal firewall offers full protection of the PC on the highest possible security level, while on the other hand it allows for a defined openness for administration purposes, for example.

The firewall software immediately recognizes "secure" and "insecure" networks: Depending on the environment, "Friendly Net Detection" (FND) activates the respective firewall rules. In comparison to common firewall solutions, the major advantage is that a FND server, which is installed within the corporate network, authenticates itself towards the Dynamic Net Guard



Client (Local Awareness) and thus ensures recognition of a friendly network at any rate.

Various firewall rules may be created for ports, IP addresses, segments or applications. Furthermore it is possible to define whether internet access is allowed (generally or for selected websites only) and/ or whether the corporate network may be accessed exclusively. It is possible for the administrator to lock all client settings so that the user may not alter any of them. This excludes deliberate manipulation or misconfiguration by the user.

Since the NCP firewall is immediately active at system startup of the mobile or stationary end-device, this severe security gap is tightly sealed.

The "Silent Mode" prevents the user from being constantly interrupted by software prompts. This default mode eliminates the most frequent source for errors – the users' frequent and doubtful confirmation of firewall prompts.

Use the dynamic Net Guard in a local network and as remote access application in connection with various VPN technologies.

Central Administration

Central administration is carried out via the established NCP Secure Enterprise Management. As "Single Point of Administration, the NCP Secure Enterprise Management features all functions and

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automatisms necessary for rollout, implementation and efficient operation.

All firewall settings may be defined for every single user in particular.

NCP Dynamic Net Guard offers increased security for

the terminal device, and optimized features specifically designed for use in remote access applications. These are activated when the NCP Internet Connectors is used to establish a connection.

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Technical Data Personal Firewall

Operating Systems	Microsoft Windows (32 and 64 bit): Windows 10, Windows 8.x, Windows 7, Windows Vista
Security Features	Stateful Packet Inspection, application dependent firewall rules; Friendly Net Detection (evaluation of: current network address, IP address and MAC address of the DHCP server); Secure Hotspot Logon; Different firewall rules for: protocols, ports and addresses
Central Management	NCP Secure Enterprise Management
Configuration Parameter	Application and connection dependent filter rules Protocol, port- and address dependent filter rules Definition of friendly network recognition (the network's IP address, network mask, IP address of the DHCP server, MAC address) Logging settings Central definition of the user's access possibilities to the firewall configuration Friendly Net Detection (FND) server configuration

Technical Data NCP Internet Connectors (Dialer)

Operating Systems	Microsoft Windows (32 and 64 bit): Windows 10, Windows 8.x, Windows 7, Windows Vista
Transmission Media	Internet, analog telephone network, xDSL, LAN, WiFi, 3G
Authentication Processes	AP, CHAP, MS CHAP V.2; IEEE 802.1x: EAP-MD5 (Extensible Authentication Protocol): Extended authentication relative to switches and access points (Layer 2); EAP-TLS (Extensible Authentication Protocol - Transport Layer Security): Extended authentication relative to switches and access points on the basis of certificates (Layer 2); Support of certificates in a PKI: Soft certificates, smart cards, and USB tokens
Budget Manager	Administration of connection times and/or volumes for GPRS/UMTS and WLAN; separate administration processes for international roaming with 3G
Automatic Media Recognition	Automatic recognition and graphic display of all available connection types; selection of the fastest available transmission medium. Search routine prioritization: LAN, WiFi, DSL, 3G, Modem
IP Address Allocation	DHCP (Dynamic Host Control Protocol)

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Line Management

Point-to-Point Protocols

Client Monitor

Intuitive, Graphical User Interface

Short Hold Mode

PPP over GSM, PPP over PSTN, PPP over Ethernet, LCP, IPCP, MLP, CCP, PAP, CHAP, ECP

Multilingual (English, German, French); configuration, connection management and monitoring, connection statistics, log-files, trace tool for error diagnosis; traffic light icon for display of connection status; integrated support of Mobile Connect Cards (PCMCIA, embedded); password protected configuration management and profile management, configuration parameter lock



Option: Upgrade VPN Client – NCP Secure Enterprise Client (Win32/64)

<https://www.ncp-e.com/en/products/centrally-managed-vpn-solution/>

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