

Next Generation Network Access Technology

Recommended Technical Minimum Configuration Secure Enterprise Client- and Server-Components**NCP Secure Enterprise VPN Server (IPsec VPN)**

- 32-bit: Windows 2003 Server, Windows 2003 R2, Windows Server 2008, Linux Kernel from Version 2.6.16*
- 64-bit: Windows Server 2008, Windows Server 2008 R2
- 512 MB Main Storage (Minimum Configuration)
- X86/x64 compatible processor
- Clock Timing:
- a data throughput of approx. 4,5 Mbit/sec. (9 Mbit/sec) can be realized per 150 MHz (including symmetric encryption) with a Single Core CPU (with a Dual/Quad Core CPU).
- Approx. 50 MB free space on the fixed disk

*) „Linux Compatibility List“ under <http://www.ncp-e.com/en/support/compatibility/linux.html>

NCP Secure Enterprise VPN Server (SSL VPN)

- 32-bit: Windows 2003 Server, Windows 2003 R2, Windows Server 2008, Linux Kernel from Version 2.6.16*
- 64-bit: Windows Server 2008, Windows Server 2008 R2

Concurrent User	CPU	Main Storage
10	Intel Pentium III 700 MHz or comparable x86/x64 Processor	512 MB
50	Intel Pentium IV 1,5 GHz or comparable x86/x64 Processor	512 MB
100	Intel Dual Core 1,83 GHz or comparable x86/x64 Processor	1024 MB
200	Intel Dual Core 2,66 GHz or comparable x86/x64 Processor	1024 MB

The given values are recommended values that are strongly influenced by user attitudes / applications.

If there are many simultaneous data transfers (data uploads and downloads) to calculate, we recommend raising the above given storage values by a factor of 1.5.

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NCP Secure Enterprise Client (Win32/64)**NCP Secure Entry Client (Win32/64)**

- 32-bit: Windows 7 (V 9.21), Windows Vista, Windows XP, Windows 2000 (is canceled from V.9.21)
- 64-bit: Windows 7 (V 9.21), Windows Vista, Windows XP
- 64 MB main storage
- 30 MB free space on the fixed disk
- Alternatively: Modem, ISDN-Adapter, Network Card, Wi-Fi Card, 3G/4G Cards, etc.

NCP Secure Enterprise Mac Client

NCP Secure Entry Mac Client

- Mac OS X 10.5 Leopard (Intel), Mac OS X 10.6 Snow Leopard und OS X 10.7 Lion
- 64 MB main storage
- 30 MB free space on the fixed disk
- Alternatively: Modem, ISDN-Adapter, Network Card, Wi-Fi Card, 3G/4G Cards, etc.

NCP Secure Enterprise Linux Client

- Linux from Kernel Version 2.6.12
- 64 MB main storage
- 30 MB free space on the fixed disk
- Alternatively: Modem, ISDN-Adapter, Network Card, WiFi Card, 3G/4G Cards, etc.

NCP Secure Enterprise CE Client

NCP Secure Entry Windows Mobile Client*

Device:

- Windows CE 3.0 (Handheld PC 2000, Pocket PC 2002), Windows CE.net 4.2 (Windows Mobile 2003 for Pocket PC), Windows Mobile 5.0/6.x*
- Approx. 3 MB program storage devices
- Approx. 1.5 MB free data storage
- Strong ARM processor (minimum 200 MHz)

Configurations PC:

- Windows 7 (32/64 Bit), Windows Vista (32/64 Bit), Windows XP (32/64 Bit)
- 32 MB main storage
- 20 MB free space on the fixed disk
- Installation of Microsoft ActiveSync from Version 4.0

*) NCP Secure Entry Windows Mobile Client is available only to Windows Mobile 5.0/6.x

NCP Secure Enterprise Symbian Client

NCP Secure Entry Symbian Client

Device:

- Symbian OS from V. 9.0 S60 3rd Edition
- Approx. 2 MB program storage devices
- Approx. 1.5 MB free main storage

Configurations PC:

- Windows 7 (32/64 Bit), Windows Vista (32/64 Bit), Windows XP (32/64 Bit)
- 32 MB main storage
- 20 MB free space on the fixed disk
- Installation of Nokia Connectivity API (part of the Nokia PC suite)

NCP Secure Enterprise Failsafe Server, NCP Secure Enterprise Load Balancing Server (High Availability-Services)

- 32-bit: Windows 2003 Server, Windows 2003 R2, Windows Server 2008, Linux Kernel from Version 2.6.16*
- 64-bit: Windows Server 2008, Windows Server 2008 R2
- 128 MB main storage
- CPU Pentium III
- Clock Timing: 500 MHz
- 20 MB free space on the fixed disk

*) „Linux Compatibility List“ under <http://www.ncp-e.com/en/support/compatibility/linux.html>

NCP Secure Enterprise Management

NCP Secure Management Server

- 32-Bit: Windows 2003 Server, Windows 2003 R2, Windows Server 2008, Linux Kernel from version 2.6.16*
- 64-Bit: Windows Server 2008, Windows Server 2008 R2
- 256 MB main storage
- CPU Pentium 4, 2 GHz; min. Pentium 3, 800 MHz.
- Approx.50 MB free storage on the fixed disk plus storage space for log data and approx. 20 MB per software packet
- ODBC-software

NCP Secure Management Console

- Windows 7 (32/64 Bit), Windows Vista (32/64 Bit), Windows XP (32/64 Bit)

Supported databases

Basically all databases have available the ODBC interface, fieldtype with autoincrement function, such as:

- Microsoft SQL server from version 2005, 2008
- MySQL from version 4.0
- Oracle from version 9.0
- Microsoft Access

In the case NCP Secure Management server and database are installed on one system, the system requirements are to added.

*) „Linux Compatibility List“ under <http://www.ncp-e.com/en/support/compatibility/linux.html>

LAN Adapter

- Ethernet All current types for Windows and Linux are supported

3G/4G Cards

Compatibility list under

<http://www.ncp-e.com/en/support/compatibility/umts-3g-hardware.html>