



VNC[®] Enterprise Edition

Product Information: Overview

VNC provides remote access and control over any computer, whether on a local network or anywhere in the world via the Internet. With hundreds of millions of users, VNC is the de-facto standard for applications including remote IT maintenance, helpdesk operations, home-working, business collaboration and training.

VNC Enterprise Edition, designed by the original inventors of VNC, provides a scalable, robust and secure solution to meet the needs of multi-platform corporate environments. VNC Enterprise Edition supports the industry's widest range of operating systems, from Windows and Macintosh through to Linux.

With its simple peer-to-peer architecture, VNC Enterprise Edition comprises a lightweight VNC Server application on the machine to be controlled, requiring less than 4MB of storage and 10MB of memory, and a VNC Viewer component on the controlling machine. With no agents or centralised servers required, VNC Enterprise Edition enables trouble-free installation and use.



Why VNC Enterprise Edition?

- Easy to install and use
- Minimal system resources
- Robust, high quality application
- Best range of operating systems
- Industry-standard security
- Auditable solution
- Best price-performance
- Deployment tools available

Features include

- Adaptive optimisation of connection
- Fast file transfer and remote printing
- Domain authentication
- Multiple connections for sharing
- Scaling of remote desktop view
- View-only or full control
- User-accept and guest access support
- Filtering by IP address patterns

VNC Server

The lightweight VNC Server application resides on the computer to be remotely accessed. Its on-demand architecture means overhead is only imposed when it is in active use.

OPERATING MODES

Service mode; User mode

CONFIGURATION

Maximum security

Maximum speed

PORT CONFIGURATION

Connection option; Java Viewer option

AUTHENTICATION OPTIONS

VNC password

Native authentication

Single sign-on

None (only for secure networks)

ENCRYPTION OPTIONS

Always on; Prefer on; Prefer off

OTHER SECURITY OPTIONS

Prompt local user to accept connection

Only prompt where user logged in

Guest login access for temporary access

INPUT OPTIONS

All inputs enabled (keyboard, pointer etc.)

All inputs disabled

Custom level

DESKTOP OPTIONS

Remove desktop background

Disable user interface options

Optimise screen capture

Actions when last Viewer disconnects

Blank Server screen when connected

ADVANCED OPTIONS

Blank local display during remote access

Specify which hosts can access Server

Disable Configure VNC Server Status dialog

Allow multiple users in 'Shared Mode'

Disable Configure & Stop Server buttons

VNC Viewer

The VNC Viewer is used to securely access the VNC Server. Automatic bandwidth adaptation adjusts appearance and compression for best performance.

DISPLAY OPTIONS

No scaling

Scale to window size

Custom scaling

Preserve aspect ratio

Full screen mode

Enable toolbar

Adapt to network speed

Best compression / best quality

Best available colour quality

INPUT OPTIONS

Enable keyboard input

Pass special keys directly to Server

Enable mouse input

Enable 3-button mouse emulation

Rate-limit mouse events

Share clipboard with Server

Enable file transfer

Menu key

CONNECTION OPTIONS

Shared connection

Use single sign-on if supported by Server

Do not use proxy

Use Internet Explorer proxy settings

Use custom proxy settings

EXTENSIVE OPTIONS MENU

Full screen

Relative pointer motion

Ctrl and Alt settings

Send Options command to Server

Send Ctrl+Alt+Del to Server

Refresh screen request

New connection dialog

Options menu

Connection info display

Operating Systems

VNC Enterprise Edition enables true cross-platform remote control, with support for:

- **Windows NT4, 2000, XP, Vista**
- **Windows Server 2003 & 2008**
- **Linux (Debian, Ubuntu, Red Hat, (Fedora)**
- **Unix (Linux, Solaris, HP-UX & AIX)**
- **Mac OSX (x86 & PPC)**

Applications

VNC Enterprise Edition applications include:

- **IT helpdesks and trouble-shooting**
- **Remote maintenance**
- **Teleworking**
- **Collaborative working**
- **Training and instruction**
- **Accessing alternative operating system applications**

Security

VNC Enterprise Edition has been designed with robust security built in:

- **2048-bit RSA authentication**
- **128-bit AES session encryption and tamper proofing**
- **Platform-native authentication**
- **User names and passwords up to 256 characters**

Usability

VNC Enterprise Edition is easy to install and use, with added usability features including:

- **Integrated address book**
- **Desktop scaling**
- **Text chatting facility**
- **Remote printing facility**
- **Deployment tool for Windows**
- **Web access via Java applet**



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