



Fast, Secure and
Centrally Managed
Remote Control

PC-Duo Features List

PC-Duo is a highly recognized and award winning remote-control solution by Vector Networks. PC-Duo is differentiated from other remote-control solutions by its focus on security and central configuration. PC-Duo customers require security and reliability, examples of such customers include banks, manufacturing plants, isolated large-scale engineering infrastructure, law firms, hospitals, military, courts and federal police departments.

PC-Duo features divided as follows:

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| SOLUTION ARCHITECTURE | | Express | With Gateway |
|---|--|---------|--------------|
| PC-Duo Web Console | Server application providing web-based access to the PC-Duo Gateway Server. Administrate Gateway settings through a web user interface and with additional analytics options. | | ✓ |
| PC-Duo Web Master 'Master On-Demand' | HTML5 PC-Duo Web Console provides Web-based access to remote and virtual desktops from any modern browser including mobile devices. | | ✓ |
| PC-Duo Gateway Server | Server application that facilitates centralized administration, network access and security management for large numbers of remote and virtual desktops both inside and outside the corporate network. | | ✓ |
| PC-Duo Host | Small software agent that provides secure, reliable, always- | ✓ | ✓ |

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| | available remote desktop access for attended or unattended machines. | | |
| PC-Duo Web Host 'Host On-Demand' | Dynamically provided Host functionality downloaded from your Gateway server when the user clicks the 'Share my desktop' button on the server. | | ✓ |
| PC-Duo Terminal Services Host | Server-side version of PC-Duo Host that provides remote access to virtual desktops. No bandwidth or CPU impact on thin client machines. Supports Windows and Citrix terminal servers. | | ✓ |
| PC-Duo Master | Standalone console application that provides network view of and remote access to remote desktops running PC-Duo Host. | ✓ | ✓ |
| PC-Duo Deployment Tool | Software distribution application for mass deployment of PC-Duo applications, particularly PC-Duo Host, and configuration changes. | ✓ | ✓ |

| REMOTE ACCESS FEATURES | | Express | With Gateway |
|---|--|---------|--------------|
| CONNECTION MANAGEMENT | | | |
| Automated Group Management | Configure Hosts to report automatically to predefined Groups when they report to the PC-Duo Gateway Server. Implemented with Windows Powershell scripting, available as a service from Vector. | | ✓ |
| Active Directory Synchronization | Hosts can be organized using the same way Hierarchical grouping structure as Active Directory. | | ✓ |
| Wake-on-LAN | Send a request to turn on remote machines in standby or hibernation mode. | | ✓ |
| Firewall-Friendly Connections | Connect to remote desktops outside of the corporate network without the need to reconfigure ports or security settings. | | ✓ |
| Centralized Directory | Organize remote desktops into Groups, making them easier to find and manage. | | ✓ |
| RDP Compatibility | Connect to a Windows Desktop with an active RDP session already in progress. | ✓ | ✓ |
| Polling | Discover all remote desktops available for connections in your network. | ✓ | ✓ |
| Always-on Service | Reach remote desktops any time, even if they are unattended. | ✓ | ✓ |

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| Connection Notifications | Use audio (beep) and/or visual (popup toast, tray icon) notifications to alert remote desktop user of connection request. | ✓ | ✓ |
| Stealth Mode | Enable stealth mode access to remote machines by turning off audio (beep) and visual (popup, tray icon) notifications at connection time. | ✓ | ✓ |
| SECURITY—AUTHENTICATION | | | |
| Windows Authentication and Shared-Secret Authentication | Use strong Windows authentication to verify credentials of someone trying to login to PC-Duo Web Console or PC-Duo Master. Use proprietary PC-Duo authentication if Windows authentication not available (e.g. remote desktops outside the corporate domain). | ✓ | ✓ |
| 2-Factor Authentication | Supports multiple identity providers for multi-factor authentication. Out of the box support for Microsoft Azure Active Directory (AAD) tenant service. | | ✓ |
| LDAPS | LDAPS is used for encryption of connections between the PC-Duo Gateway and the domain controller(s) for Active Directory look-ups. | | ✓ |
| SSL Authentication and Secure WebSocket | Use SSL certificates to authenticate web requests to PC-Duo Web Console and PC-Duo Gateway Server. WebSocket and Secure WebSocket also available for connections through corporate firewalls. | | ✓ |
| End-to-End Authentication | Request Windows credentials acceptable to remote desktop before executing tasks like file transfers or remote management on machines outside of your corporate domain. | | ✓ |
| Reverse Web Proxy Support | Supports being placed behind a “reverse web proxy”. | | ✓ |
| SECURITY—AUTHORIZATION | | | |
| Centralized Authorization | Develop standard access rights policies to manage general access to large numbers of remote desktops. | | ✓ |
| Customizable Authorization | Develop custom access rights policies to manage fine-grained access rights to individual remote desktops. | ✓ | ✓ |
| IP Address Restrictions | Restrict access to remote desktops by IP address, IP address range and/or time zone. | ✓ | ✓ |

| SECURITY—ENCRYPTION | | | |
|-----------------------------------|--|---|---|
| Key Strength | Select encryption key strength ranging from 92- to 256-bits (default = 256). | ✓ | ✓ |
| Algorithms | Select encryption algorithm, including RC4, Triple-DES, and state-of-the-art AES (default = AES). | ✓ | ✓ |
| SECURITY—AUDITING | | | |
| Real-time Activity Reports | Track user, connection, remote desktop and license activities in real-time using web-based activity reports. | | ✓ |
| Customizable Audit Reports | Generate and print custom reports of connection, activity and screen recording history for one or more remote desktops for analysis. | | ✓ |
| Windows Event Log | Store details of connection-related activities in Windows Event Log for each remote desktop. | ✓ | ✓ |

| REMOTE CONTROL FEATURES | | Express | With Gateway |
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| REMOTE DESKTOP | | | |
| Citrix XenApp Support | Access virtual desktops running on Citrix XenApp. | | ✓ |
| Kernel-Mode Screen Capture | Use highly-efficient kernel-mode screen capture driver for better responsiveness and performance with most remote desktop activities. | ✓ | ✓ |
| Remote Control | View and control remote desktop. | ✓ | ✓ |
| Color Depth Reduction | Reduce color depth to lower bandwidth usage and improve performance. | ✓ | ✓ |
| Bandwidth Throttling | Limit bandwidth usage to enhance performance and responsiveness over slow or narrowband networks links. | ✓ | ✓ |
| Display Options | Customize window to remote desktop (Fit-to-Window, Fit 1-to-1, Full Screen). | ✓ | ✓ |
| Extension Tags | Add custom information to identify or describe a remote desktop connection. | ✓ | ✓ |
| Multi-Monitor Support | Capture remote desktop spread over multiple monitors. | ✓ | ✓ |
| Remote Clipboard | Automatically or explicitly share clipboard content between user and remote desktop. Simple drag and drop clipboard file transfer. | ✓ | ✓ |

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| Headless Server Support | Ability to connect to workstations or servers that do not have a graphics head. | ✓ | ✓ |
| View Only Mode | Suppress keyboard/mouse input on remote desktop. | ✓ | ✓ |
| High DPI and Scaling Support | Automatic "scale down" of high DPI screen enabling control from lower DPI and reduces the amount of data transferred. | ✓ | ✓ |
| Remote Printing | Send content from remote desktop to printer attached to user's machine (not available in "click-once" applications). | ✓ | ✓ |
| COLLABORATION | | | |
| Active Users List | View the Windows identity of all connected users to a remote desktop. | | ✓ |
| Screen Sharing | Share input control with other users connected to a remote desktop. | | ✓ |
| Chat | Chat with remote desktop user and any other users connected to remote desktop. | ✓ | ✓ |
| FILE TRANSFER | | | |
| Bulk File Transfer | Use drag-and-drop interface to transfer files or entire directories. | ✓ | ✓ |
| Secure File Transfer | Guarantee privacy by transferring files or entire directories. | ✓ | ✓ |
| Resume | Resume large file transfers if connection is broken or interrupted. | ✓ | ✓ |
| SCREEN RECORDING | | | |
| Centralized Recording | Record one or more remote desktops concurrently, even if there is no active Remote Control connection. | | ✓ |
| Playback | Playback screen recordings from the Gateway, the local file or via HTML5 player. | | ✓ |
| Conversion | Convert screen recordings to .wmv format for playback in any media player. | | ✓ |
| Recording Retention Guard | Configure Gateway to prevent the deletion of screen recordings in support of compliance regulations. | | ✓ |

| REMOTE MANAGEMENT FEATURES | | Express | With Gateway |
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| INVENTORY | | | |
| Hardware Manager | Generate inventory of hardware components for remote desktop. | ✓ | ✓ |
| Software Manager | Generate inventory of installed software applications and Windows updates for remote desktop. | ✓ | ✓ |
| CONFIGURATION MANAGEMENT | | | |
| System Manager | View all system settings for remote desktop. | ✓ | ✓ |
| Shared Resource Manager | View shared folders and drives for remote desktop. | ✓ | ✓ |
| Account Manager | View a list of local users and groups for remote desktop. | ✓ | ✓ |
| Process Manager | View a list of running processes for remote desktop; stop any process. | ✓ | ✓ |
| Service Manager | View a list of Windows services for remote desktop; start/stop/restart any Windows service. | ✓ | ✓ |
| Registry Manager | View, edit, add or delete registry values for remote desktop. | ✓ | ✓ |
| Power Management | Force a log off of the remote desktop user; reboot, shut down, or adjust power scheme settings to cause the machine to enter a reduced power state after a period of inactivity. | ✓ | ✓ |
| Reboot in Safe Mode w/Networking | Trigger a remote desktop to restart in safe mode with networking, and then reconnect while in safe mode. | ✓ | ✓ |
| Event Manager | View and access Windows Event Viewer logs for remote desktop. | ✓ | ✓ |
| DEPLOYMENT | | | |
| Mass Deployment | Automate the deployment of the PC-Duo Host application to large numbers of machines in your domain using PC-Duo Deployment Tool. | ✓ | ✓ |
| Custom Host Install Package | Create and deploy custom versions of PC-Duo Host application with specific settings of your choosing. | ✓ | ✓ |
| Active Directory Integration | Discover machines accessible for deployment from your existing Active Directory or structure. | ✓ | ✓ |

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| Automated Updates | Automate the deployment of changes in Host Settings using PC-Duo Deployment Tool, or a command line script that can be triggered to run on startup/login via Active Directory/Group Policy. | ✓ | ✓ |
| SUPPORTED PLATFORMS | | Express | With Gateway |
| Microsoft | Windows Vista, Windows 7, Windows 8.1, Windows 10. Windows Server 2008, Server 2008r2, Server 2012, Server 2012r2, Server 2016, Server 2019. | ✓ | ✓ |
| MacOS | Limited support for all OS X (running VNC Server). | ✓ | ✓ |
| Linux | Limited support for all Linux OS (running VNC Server). | ✓ | ✓ |
| Virtual Servers | Citrix XenServer, VMWare ESX, Microsoft Hyper-V. | | ✓ |
| Virtual Desktops | Citrix XenApp, Citrix XenDesktop, Microsoft Terminal Services. | | ✓ |
| Thin Clients | Wyse terminals, Pano boxes. | | ✓ |

Find what you're looking for? Contact us to discuss which version of PC-Duo interests you.

Email us at sales@vector-networks.com or call us with one of the emails below!

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