



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:

- Solution Architecture Page 1
- Remote Access Features Page 2
- Remote Control Features Page 4
- Remote Management Features Page 6
- Supported Platforms Page 7

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-	✓	✓

	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.	✓	✓

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
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.	✓	✓

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
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.	✓	✓

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 phone numbers below!

770-622-2850 (US)

514-312-7235 (Canada)

www.vector-networks.com

Vector Networks