

Teradici **Arch**™ published desktop: PCoIP protocol for Microsoft Windows Server RDS environments



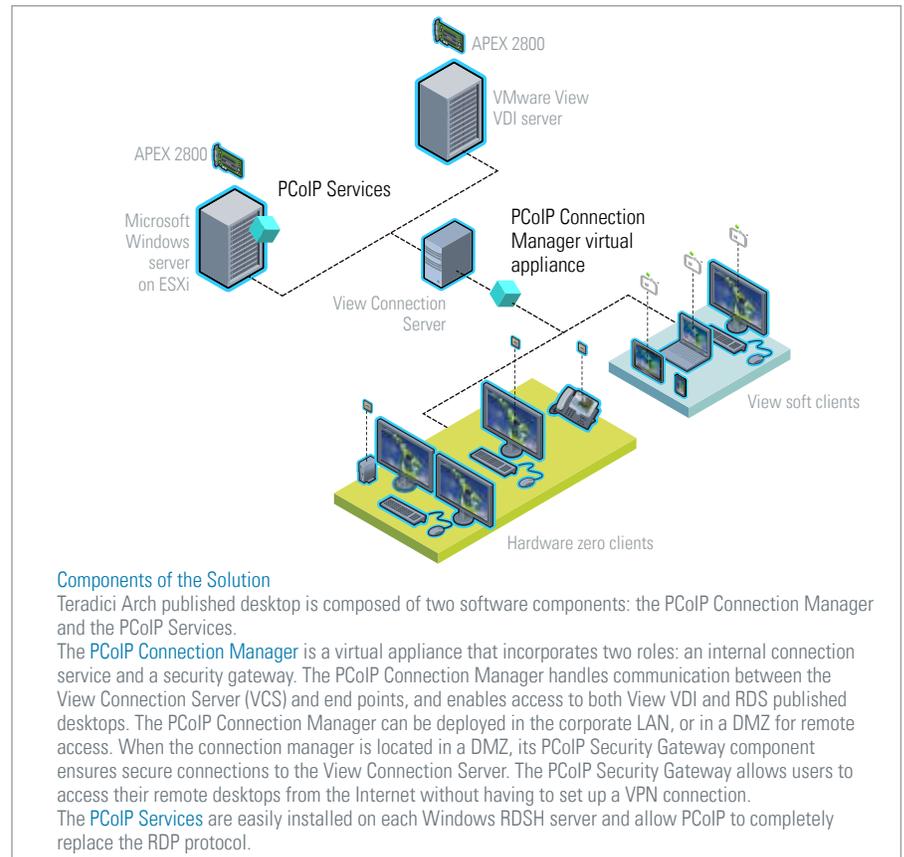
The Teradici Arch™ software solution delivers session-based Microsoft RDS published desktops using the PCoIP® remote display protocol, which enables a richer user experience than RDP, the default protocol for RDS. Teradici Arch leverages the VMware View® Connection Server to deliver Microsoft® RDS published desktops and VDI desktops over a single protocol, opening up the broad PCoIP ecosystem of products to RDS users. To speed deployment and deliver the right performance/cost ratio, Teradici Arch works with existing VMware View clients and RDS infrastructure.

Deliver superior user experience

The Teradici PCoIP protocol automatically adapts to network conditions to ensure users have a rich, interactive experience over LAN, WAN, and wireless networks. Administrators can now confidently extend Microsoft RDS published desktops to WAN and branch office use cases and deliver the familiar Windows 7 look and feel to these remote users. Use cases such as video training, which were not practical with RDS before, can now be supported with the addition of Teradici Arch. And with PCoIP replacing RDP as the remoting protocol, administrators can install Teradici APEX 2800 server offload cards in the servers to offload PCoIP image encoding tasks, reducing unexpected peaks in CPU utilization to ensure a consistent experience across all users, regardless of task and activity level.

Simplify mixed desktop environments

The Teradici Arch solution replaces the RDP protocol in View brokered RDS connections to greatly simplify network configuration and management. Administrators continue to manage all user and desktop entitlements through VMware View Administrator as a single



pool of assets, regardless of whether the underlying desktop platform is RDS or VDI. Whether you are implementing a Bring Your Own Device (BYOD) strategy or a cost effective, highly secure PCoIP zero client architecture, the burden of managing end user devices can be greatly simplified with the use of PCoIP solutions.

Drive costs down

RDS can be a cost effective way to deliver virtual desktops, but the RDP protocol has historically limited its usefulness. Teradici Arch eliminates limitations around video playback, graphically rich applications and remote office connections to allow greater adoption

of RDS. It also eliminates the need for costly VPN products in order to support remote users because Arch includes a built-in security gateway. PCoIP zero clients further drive down total cost by eliminating the costly processes and products needed to secure and update traditional client devices. By adding low power PCoIP zero clients to an Arch deployment, administrators will also see immediate, quantifiable cost savings and could potentially capitalize on incentives offered through government Green initiatives.

BENEFITS AT A GLANCE

Superior user experience

- Deliver the best remote Windows 7 desktop experience over all types of networks, from any device
- Add Teradici APEX 2800 server offload cards for extra performance and consistency
- Leverage new Tera2 PCoIP zero clients with advanced caching and compression for higher display performance using less bandwidth

Support more use cases

- Extend Microsoft RDS published desktops to branch offices and remote users
- Support rich applications and video training
- Support Bring Your Own Device and mobile strategies

Cost effective

- Simple add-on leveraging existing RDS infrastructure and licenses
- Reduce power consumption and management burden with PCoIP zero client endpoints
- Eliminate the need for expensive VPN products for remote users

Non-disruptive add-on

- Simple installation completed in minutes
- Compatible with existing VMware View servers and clients
- Compatible with VMware View deployment topologies, including load-balancing and redundancy

Simplified desktop environments

- Use VMware View to centrally manage all desktop and user entitlements for RDS and VDI desktops
- Optimize network configuration and delivery with one superior protocol: PCoIP
- Manage all end point devices as a single pool of assets, independent from the service used
- Leverage existing VMware View end points and software clients

Secure

- Support the use of ultra-secure PCoIP zero clients that comply with stringent government and security mandates and are immune to virus invasion

PRODUCT SPECIFICATIONS

Teradici Arch Release 1.0

Software components	Release 1.0 solution comprises two software components 1. PCoIP Connection Manager: virtual appliance that acts as front end to VMware View Connection Server 2. PCoIP Services: to be installed on each Windows RDSH server
System requirements	The Teradici Arch software solution requires the following components: <ul style="list-style-type: none"> • Microsoft Windows Server 2008 R2 x64 <ul style="list-style-type: none"> • configured as an RDSH server hosting published desktops • installed on bare metal or VMware vSphere ESXi 5.x hypervisor • VMware View 5.1 • VMware Tools installed on the Windows Server 2008 server if the server is a virtual machine
Client compatibility	<ul style="list-style-type: none"> • PCoIP Zero Clients <ul style="list-style-type: none"> • Tera2: firmware version 4.0.3 • Tera1: firmware version 4.0.2 • VMware View Windows soft client, version 5.2 • VMware View Apple OS X soft client, version 1.7 • VMware View iOS and Android clients, version 1.7
Device compatibility	<ul style="list-style-type: none"> • Teradici APEX 2800 Server Offload Card (optional), Software 2.2
Display support	<ul style="list-style-type: none"> • Up to 2 displays supported per published desktop, at a maximum resolution of 2560x1600
USB support	<ul style="list-style-type: none"> • USB mice and keyboards supported
Limitations	<ul style="list-style-type: none"> • Teradici Arch has a limit of 45 concurrent sessions (ie current sessions) per Windows RDSH server • Once the PCoIP Services are installed on an RDSH server, the use of RDP to desktop or console sessions is not supported • Supports only RDS published desktops, not published applications • USB support limited to mice and keyboards

Specifications subject to change without notice.