PC-over-IP® technology: virtualize your desktops with true zero clients

- Radically simplify desktop maintenance
- Lock down your data, remote the pixels only
- Deliver an uncompromised visual experience in full HD
- Fully integrated in VMware View™

PCoIP™ **vmware READY**

low ownership cost

Because only stateless zero client devices are needed at the desktop, the challenges of provisioning, managing, maintaining and securing enterprise desktop machines are eliminated. The efficiency and security of centralized computing increases and network loads are reduced, driving down operational costs across your organization. Incidentally, there is no better way to go green.

intrinsic security

With all computing performed in the data center, and only stateless clients with no local storage, PCoIP technology enables the ultimate in security. There's no need for client antivirus programs or client security updates. PCoIP technology provides extensive USB security and authentication features, and because only encrypted pixels are transmitted, your data never leaves the data center and communications are secure.

extensive ecosystem

PCoIP technology is available in a wide array of products and solutions from leading OEMs and partners, providing the choice that you need for desktop virtualization. Host solutions include towers and rack workstations, blade PCs and virtual desktops. Flexible client solutions include integrated PCoIP zero client displays, minimal-footprint PCoIP portals, and mobile platforms. But your re-purposed PCs can be used too.
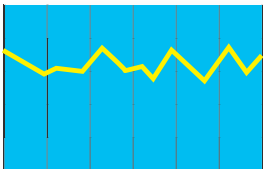
PCoIP technology explained

PCoIP technology is the result of a breakthrough in display compression for connecting desktops over existing, standard IP networks. PCoIP technology allows all enterprise desktops, from task workers to power users, to be centrally located and managed in the data center, while providing the remote user with an exceptional user experience. The PCoIP protocol compresses, encrypts and encodes the entire computing experience at the data center and transmits it 'pixels only' across any standard IP network to stateless PCoIP zero clients. Your data never leaves the data center. The PCoIP protocol is implemented in silicon for hardware accelerated performance, and in software in VMware View. It supports high resolution, full frame rate 3D graphics and HD media, multiple large displays, full USB peripheral connectivity, and high definition audio, all connected over the corporate LAN or WAN.

implementation flexibility

PCoIP technology is available in either hardware or software implementations. The software version as implemented in VMware View delivers an exceptional user experience for all but the most demanding workstation applications. The hardware solution enables an uncompromised and highly scalable solution, zero loading on the host CPU or GPU, the lowest network bandwidth, and the best user experience. Both solutions share a common zero client endpoint device.

dynamic network adaptation

With dynamic image quality adjustment, the PCoIP protocol adapts to available network bandwidth, within limits and parameters that you define. WAN acceleration techniques built into the protocol eliminate response spoofing and stale dropped packets, and give highest priority to audio and HID. The PCoIP protocol enables remote connections from LAN and WAN – perfect for global work teams.

optimized image encoding

PCoIP imaging algorithms apply the right imaging CODECs to each portion of the transmitted image, so that video, text, photos, graphics and icons are all encoded as efficiently as possible. Host rendered pixel encoding in the data center means no application dependencies, and complete independence from network latency and bandwidth ensures an uncompromised user experience.

PCoIP™

Give us a call or visit our website for more information on PCoIP zero clients, examples and use cases for:

- CAD/CAM
- Call centers
- Digital signage
- Education
- Enterprise
- Engineering
- Financial services
- Geographical information systems
- Government
- Healthcare
- Life sciences
- Manufacturing
- Media and entertainment
- Military and defence
- Oil and gas
- Pharmaceuticals
- Telecommunications

+1.604.628.1200
www.truezeroclient.com

vmware® PARTNER
TECHNOLOGY ALLIANCE

TRUE EXPERIENCE. NETWORK DELIVERED.

TERADICI™