

Strengthen security for government environments

Digital Workspaces powered by HP Anyware



Maintain the highest level of data security and workplace flexibility with HP Anyware

HP Anyware provides highly adaptable, ultrasecure, PCoIP (PC-over-IP) access through easily provisioned, lightweight endpoints and high-performance virtual workstations.

This helps governments and private contractors be more responsive, productive, and cost-efficient while staying security compliant.

The sensitive nature of government data makes it difficult for federal, state, and local entities, as well as third-party contractors, to deliver the same level of flexibility as the private sector. As a result, governments, agencies, and private contractors worldwide are turning to remote display solutions for secure access.

Centralized computing with remote access endpoints allows all levels of government to gain the efficiencies, protections, and savings that digital workspace solutions provide. By eliminating localized endpoint applications and data, end users can access virtual workstations from almost any device or location.

Replacing traditional desktops with zero clients can help reduce the IT workload—simplifying provisioning and onboarding while eliminating the need for IT to be on-site for troubleshooting and critical tasks like disaster recovery. Departments and agencies can still use the applications they need with an added level of secure remote access.

For private companies with government contracts, such as aerospace engineering firms, virtual workstations remove proximity constraints. Staff can use a wider range of devices while retaining seamless performance, even when working on complex 3D simulations that require zero-latency and ultra-high resolution.

What to look for in a digital workspace solution

Protecting sensitive data in a virtual workstation environment requires ultrasecure file and application access with real-time responsiveness that mimics the experience of working on a local workstation.

When evaluating digital workspace solutions, you should look for one that is inherently secure and seamlessly recreates the workstation experience. It should provide full application capabilities, smooth file creation, and lossless reproduction of text, wireframes, textures, and intricate graphics—regardless of location or network conditions.

PCoIP® remote display technology transfers fully encrypted pixels. Sensitive information never leaves the data center, so no one can tamper with data or infiltrate systems by compromising remote endpoint devices. Traffic encryption is also approved by the U.S. government's National Institute of Standards and Technology (NIST), which enables you to stay compliant with Federal Information Processing Standards (FIPS) and International Traffic in Arms Regulations (ITAR).

HP Anyware delivers accessible, remote access, even in darksite environments, to a wide array of office productivity, data analytics, and 2D and 3D modeling applications, as well as photorealistic rendering, visualization, and testing simulations.



BELL

Aerospace company manufacturing military and commercial helicopters

CHALLENGES

Bell struggled to meet the remote access requirements of engineers running multi-terabyte 3D models and simulations, which consume massive amounts of computing power, while also remaining compliant with the strict data security requirements of the U.S. Department of Defense.

APPROACH

- PCoIP® remote display protocol
- Data center-based rack workstations
- Flexible remote access from zero clients

BUSINESS OUTCOMES

Engineers are now able to work seamlessly on both zero clients and laptops without lag or image fidelity loss. Image loading is instantaneous, even when rotating 3D models or zooming in to see fine details. Testing has accelerated from several hours to 30 minutes for typical simulations. Data security has also been strengthened, as the pixels traveling over the network are AES-256 encrypted and compliant with the U.S. government's NIST regulations.

Work more securely everywhere with the power of HP Anyware

Here are a few of the benefits HP Anyware can bring to government agencies and contractors

 Everyone can work productively from wherever they work

Whether in the building, working off-site, or logging in from home, HP Anyware enables highly secure remote access to applications, files, and data. This means staff can be productive and seamlessly coordinate from almost any location and under varying network conditions.

 Simply put, it simplifies IT management

It's easy to deploy HP Anyware on any combination of infrastructure, host environments, endpoint devices, and operating systems. Manage and control workstations from the data center—minimizing the time and resources you spend on OS and software updates and patches. You can also rapidly scale your deployment up or down to meet demand.

 It's so lightweight, most people forget they're using it at all

HP Anyware provides near-lossless performance while you're using productivity, data analysis, engineering, and design applications. AutoCAD, Microsoft 365, and Ansys Workbench—or any other favorite software tools—run as if they were installed directly on an end user's machine. There's no need to worry about system compatibility because HP Anyware lets users work natively from the workstation system, no matter which OS is running on their desktop, laptop, or tablet.

 Hackers don't stand a chance against the power of the pixel

Because no data ever leaves your data center or secured public cloud data store, HP Anyware allows you to stay fully compliant with government security requirements and drastically reduces the risk of a cyberattack. It even enables dark site deployments for on-premises, government clouds.

 Embrace the cloud on your terms

The multi-cloud flexibility of HP Anyware supports virtually any mix of on-premises, private, or public cloud environments, Windows®, Linux®, or macOS® virtual workstations, with or without GPUs. This enables cost-effective hybrid deployments that bridge on-premises and public cloud workstations.

 Bottom-line protection from the top down

Virtualizing workstations decreases the cost and complexity of your entire IT system. Existing hardware can be used to provide remote access, then replaced with low-cost PCoIP® zero clients that radically reduce desktop IT support needs. Zero clients also draw less power and produce less heat than traditional endpoints do, dropping energy costs by as much as half in some deployments. Further control costs by powering resources up and down as needed, so you'll never pay for connections that aren't in use, when connected to public cloud resources.



About our technology

PCoIP® remote display technology delivers a high-definition and highly responsive computing experience through the most challenging network conditions.

- PCoIP® technology was invented in 2004, and although it has been imitated, PCoIP® remote display technology remains unrivaled.
- PCoIP® encodes, compresses, encrypts, and transports image pixels from a central server or workstation.
- It then decrypts and decompresses the image for users to interact with on virtually any endpoint.
- No business information ever leaves your secured cloud, data center, or workstation.



WORLD WIDE TECHNOLOGY (WWT)

Provider of digital strategy, innovative technology, and supply chain solutions to public and private organizations globally

CHALLENGES

WWT needed to deliver high-powered digital and hardware solutions to customers across private and public sectors, while also ensuring customers receive high security from host clients to endpoints located anywhere.

APPROACH

- PCoIP® zero client and thin clients
- HP Anyware in technology stacks for customers to deploy virtualizations

BUSINESS OUTCOMES

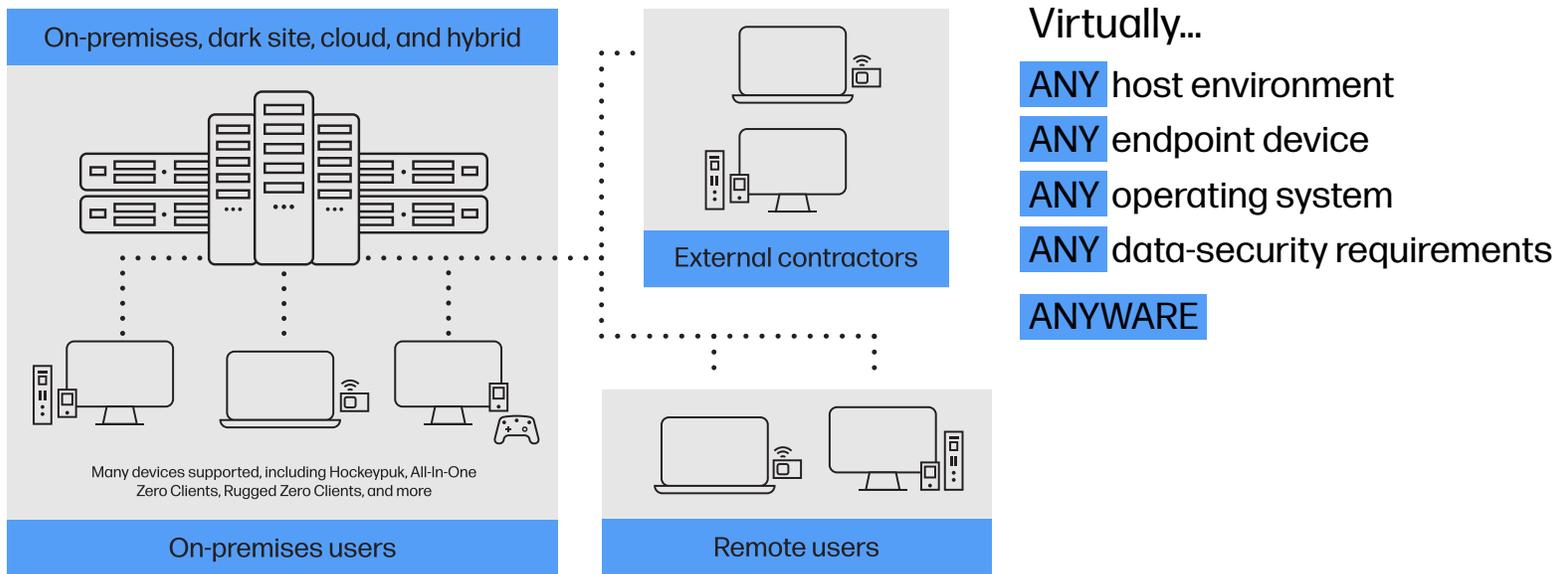
WWT successfully deployed mobile field kits for government, military and commercial client demonstrations. Additionally, WWT built a variety of tailored plug-and-play technology solutions for customers. HP Anyware allowed for flexible, cost-effective and secure high-performance remote solutions for customer development and production environments.

Not all remote display technologies can pass a background check

How PCoIP® delivers a superior experience

If you've ever accessed a digital workspace, you've likely encountered a PCoIP protocol. HP Anyware creates a distortion-free, color-accurate experience; expanded multi-codec; and dynamic network adaption that sets it apart from its competitors. PCoIP® remote display technology transfers display information in the form of highly encrypted pixels, so no actual data or information ever leaves your cloud, data center, or workstation. Because classified data and software are secured inside central systems, no one can tamper with or compromise your remote endpoint devices.

PCoIP® advanced display compression allows users to remotely access on-premises workstations or virtual machine instances in local data centers or public clouds from a range of devices. While other technologies burden network and system resources, PCoIP® remote display technology offers an ultrasecure working experience that's nearly indistinguishable from being in the office, whether you're 10 or 1,000 miles away.



Learn more at hp.com/anyware

The Anyware partner ecosystem provides customers with flexibility to deploy on virtually any IT infrastructure. Check out the growing list of CSPs, MSPs, ISVs, and OEMs that support HP Anyware



HP Anyware requires network access. HP Anyware supports Windows®, Linux®, and macOS® host environments and Windows®, Linux®, macOS®, iOS®, Android®, and Chrome OS® end-user devices. macOS® host environments require the HP Anyware Professional subscription. For more on the system requirements for installing HP Anyware, refer to the Admin Guides at: <https://docs.teradici.com/find/product/hp-anyware>. HP Anyware is based on the Teradici CAS software and licensing platform and is available through a 1- and 3-year subscription. HP Anyware subscriptions are based on the number of concurrent PCoIP® connections used (pay for the number of host connections, not the software) with a minimum order quantity of 5. HP Anyware subscriptions gives you a license key to activate a connection to a hosted desktop as well as support and updates to the Anyware Agents, Anyware Clients, and the Anyware Manager available for download here: <https://docs.teradici.com/find/product/hp-anyware>. For a limited time, an HP Anyware subscription also includes access and support for ZCentral Remote Boost and ZCentral Connect and is available for purchase through an HP seller or by contacting sales at: hp.com/Anyware

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