Take your agility to the next level

Digital Workspaces powered by HP Anyware

HP Anyware lets game developers securely team up in real time, everywhere

New production-enhancing technologies like HP Anyware give game developers an advantage when working with visual effects (VFX), motion capture, and cinematics, helping them to accelerate game production.

With global sales at record highs, game developers need to be fast on their feet to meet the booming customer demand. But with hybrid teams and remote development also on the rise, getting powerful tools to own their competition into the hands of top talent can be cumbersome and costly.

That makes remote display solutions essential for developers, artists, and IT pros who require a high level of graphics performance. With talent scattered across the globe, these technologies let employees and freelancers alike work from any endpoint device—desktop, laptop, Chromebook, tablet, zero, and thin client devices—by accessing remotely hosted applications on in-office or cloud-based workstations.

The portability and accessibility of consumer equipment like laptops allow artists to do their best work wherever their journey takes them. And because centrally run software applications prevent data from ever leaving your data center, IT teams can trust client confidentiality, security best practices, and other data compliance standards are maintained.

Most importantly, because creative content never leaves the data center, the risk of your intellectual property (IP) being intercepted or leaked—and potentially undercutting revenues—is drastically reduced.

What to look for in a digital workspace solution

For animators, developers, and digital artists to do their best work, they need real-time, responsive, visual interactivity that mimics the experience of working in-person on a modern studio workstation.

When evaluating digital workspace solutions, you should look for technologies that deliver high interactivity and frame rates, premium image quality, full video playback, and multi-monitor support—regardless of network conditions, as home internet connections tend to be inconsistent.

HP Anyware delivers accessible, remote access to a wide array of concept art, motion capture, cinematics, and VFX applications, as well as support for game controllers and engines. Exclusive PC-over-IP (PcoIP®) protocol secures and supports projects at every phase.

RELIC ENTERTAINMENT

Video game development studio

CHALLENGES

To create games Relic's production teams would be proud to play again and again, the company needed to support a growing number of employees working from home—without hitting pause on their workflows. In a world where strict publisher deadlines are always looming and protecting IP remains a constant concern, Relic needed a more flexible solution.

APPROACH

- PCoIP® remote display protocol

BUSINESS OUTCOMES

Now, Relic can give their staff all the digital weaponry they need to work from home, with smooth video playout and sustained 60 fps performance across multiple monitors. Such seamless experiences are enabling Relic to expand their talent pool to candidates living far from their Vancouver studios, while keeping sensitive content secured since files never leave studio workstations.

Help your gaming company be a hero with HP Anyware

Here are a few of the benefits HP Anyware can bring to your hybrid game development teams:

It runs up the score in flexibility, manageability, and scalability

Avoid the need for expensive hardware upgrades with virtualized infrastructure to augment dedicated gaming boxes. HP Anyware delivers a seamless transition for game developers—even with difficult network conditions—without the need to connect to a VPN from home or remote studios. Support hybrid and multi-cloud scenarios with seamless connectivity and manage cloud computing costs even further by powering resources up and down strictly as needed.

It gives remote users all the tools they need to win big

PCoIP® remote display technology dynamically adapts to LAN or WAN network conditions in real time, so it's seamless to use. Artists can easily access go-to applications like Autodesk Maya, Houdini, Nuke, Blender, ZBrush, 3ds Max, and other favorite tools configured for multi-monitor 4K and UHD—without blocky compression artifacts. Help accelerate postproduction work by using Wacom tablets for artistic editing with nearly imperceptible interactive latency.

It helps your creative applications—and budget—perform better

Give your creative apps a boost by consolidating your graphics workstations alongside existing cloud storage and render farms. HP Anyware can help you save big on equipment, logistics, and support for multiple offices or remote contractors via a central location or the public cloud. Plus, it's fast and simple to deploy on virtually any combination of infrastructure, host environment, endpoint device, and operating system.

It's the best way to help you prepare for the worst

A natural disaster or catastrophic event shouldn't mean "game over" for your operation. Have readily accessible, backup virtual workstations safely on standby in a public cloud that can be spun up at a moment's notice. Bolster data center agility and ensure that you're always ready to address surprise computing needs or re-establish production workflows quickly by incrementally adding remote desktops.

It protects your IP from leakers and other bad guys

It's hard to hit "reset" on an ill-timed leak or successful hack. With HP Anyware, you'll safeguard your to be released titles while conforming with strong data compliance standards by securely isolating media assets and making them accessible only from authorized network endpoints as an encrypted stream of pixels. Because media files and game assets are never downloaded to endpoints, you help give reassurance to your clients/producers/video game studio.

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.

FIRESPRITE GAMES

PlayStation game development studio

CHALLENGES

Enabling game coders, designers, artists, and testers to work from home is like a cheat code for development. But the ballooning costs, tight timelines, and heightened security risks associated with shipping workstations to remote freelancers were causing headaches, slow transitions, and lost time.

APPROACH

- PCoIP® remote display protocol
- PCoIP® enabled thin clients

BUSINESS OUTCOMES

Productivity went up as development time went down—with the initial sync for a 500 GB game completed five hours faster over a 100 mbps connection. Giving people a stronger, more secured remote workstation experience helped Firesprite gain an edge in attracting and retaining top talent who wanted to work from home, while ensuring content couldn't be read or copied if a device was stolen.

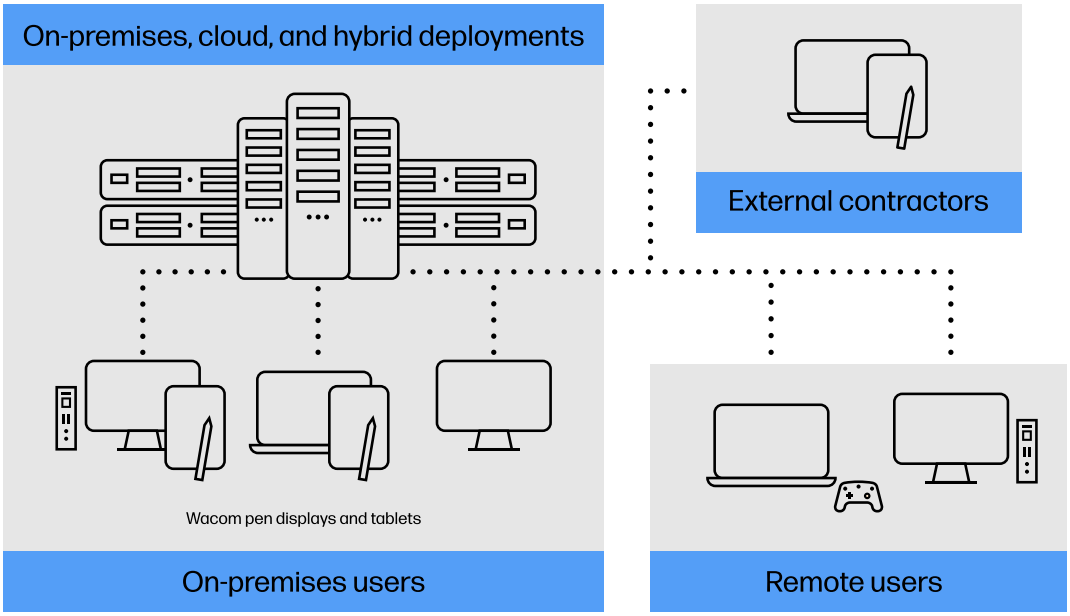
Not every remote display technology can be the boss

How PCoIP® remote display technology works

If you've ever accessed a digital workspace, you've likely encountered a PCoIP® protocol. HP Anyware creates a color-accurate experience, multi-monitor support, and dynamic network adaption that sets it apart from its competitors.

PCoIP® uses advanced display compression to allow digital artists 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 compute resources, PCoIP® remote display technology offers a working experience that's nearly indistinguishable from being in the office, whether you're 10 or 1,000 miles away.

PCoIP® remote display technology streams only encrypted pixels to an end user's device, keeping all data within the confines of the corporate network, cloud, or data center. Internet traffic is secured with AES-256 encryption, which meets the highest level of security standards required by governments.



Virtually...

ANY host environment
ANY endpoint device
ANY operating system

ANYWARE

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

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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