

Digital Workspaces Solve AEC Industry Challenges

In a hybrid world, AEC firms need to address the flexibility and security requirements unique to their industry, while boosting collaboration and performance. Here's how digital workspaces, powered by HP Anyware, can mitigate the challenges AEC firms encounter in hybrid work.



Understanding AEC workflows

AEC projects include the design, planning, logistics, and management of architectural projects and/or civil engineering projects such as roads/infrastructure. The typical workflow follows these steps:



Design
Creating models on powerful 2D/3D CAD applications



Visualize
Generating GPU-accelerated renderings and walkthroughs

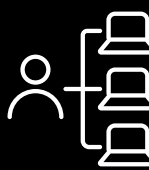


Share
Sharing and collaborating on model designs, high-fidelity project visualizations, or design reviews

Common AEC industry challenges



User experience
Highly interactive 3D models need to render with crisp wireframes and text, accurate colors, and responsive applications

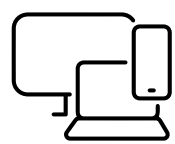


Collaboration
Designers, project managers, clients, and outside contributors need to collaborate seamlessly with geographically dispersed teams



IP and data security
Confidential data and intellectual property of clients need to be kept secure when accessed remotely

How HP Anyware adds value to AEC workflows



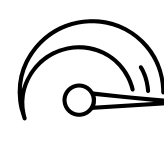
Flexibility
IT has multiple deployment options for clients and hosts



Security
Transmission of only encrypted pixels keeps data safe in the digital workspace



Collaboration
Freedom to work and collaborate from anywhere in real-time with multiple users at one time



Productivity
On-premise responsiveness in hybrid environments and specialized peripheral support (Wacom tablet or 3DConnexion SpaceMouse)

Case study - CLK Architect



Designers successfully worked on graphics-intensive use cases at home



Used PCoIP® technology to comply with client confidentiality requirements



Kept IT costs down by remoting into digital workspaces hosted on-premise

Learn more about HP Anyware for AEC use cases



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