

Improving Product Development and Manufacturing Workflows with Digital Workspaces

PD&M has moved from a completely in-house work experience to hybrid workflows. Manufacturers are looking to find a balance between hybrid flexibility and security. Digital workspaces can keep IT costs down while enabling collaboration and performance in manufacturing workflows.



Understanding PD&M workflows

The manufacturing process involves designing and building part(s) and assemblies for automotive, aerospace, healthcare, energy, consumer, and machine design industries. The typical workflow includes the following:



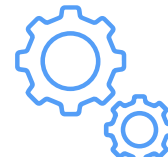
Design

Creating models on powerful 2D/3D CAD applications



Analysis

High-performance computing analysis to improve and perfect designs



Manufacturing

Bringing the models to production

Common PD&M challenges



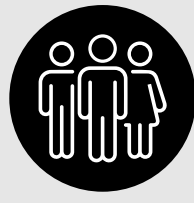
Dynamic compute

Utilize graphics-intensive 3D applications remotely with low latency



Security concerns

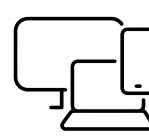
Access data and IP without risking loss of proprietary information



Collaboration

Conduct design reviews with cross-functional teams and contractors from geographically dispersed locations

How HP Anyware adds value to PD&M workflows



Flexibility

IT can deploy digital workspaces on a variety of clients and hosts



Security

Transmits only encrypted pixels, instead of raw data, keeping sensitive data safe



Collaboration

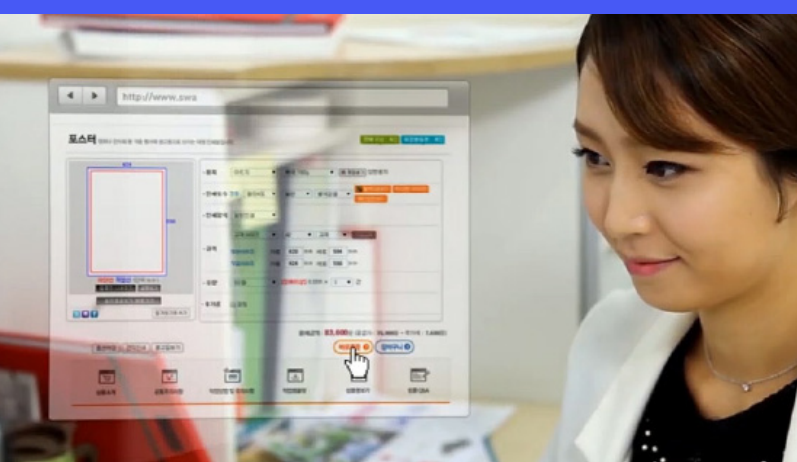
Collaborate in real-time with dispersed teams from offices, shop floors, or in the field



Productivity

Multi-monitor 4K and peripheral support with high application responsiveness and access to specialized peripheral support (Wacom tablet or 3DConnexion SpaceMouse)

Case study - Sungwon Adpia



Connected hybrid employees to digital workspace for better security



Became more sustainable by reusing old endpoints



Successfully shifted to cloud computing without loss of productivity

Learn more about HP Anyware for PD&M use cases



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