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Sector

Solution Brief

# How Citrix can help the Defense Industrial Base maintain business continuity



The challenges facing the Defense Industrial Base have never been so profound. As the lockdowns associated with Covid-19 forced many organizations to confront the reality of a future in which remote working would represent the next normal, it became clear that few things are now as crucial to business resilience as the ability to access information and to collaborate without disruption and in real time.

## Deliver real-time information to every point in the manufacturing process

Today's manufacturing IT leaders are expected to support innovative and strategic business initiatives like service delivery to globally distributed facilities or reducing plant downtime. However, most of your resources are spent implementing, updating, and supporting core and legacy systems and expensive high-end workstations. Citrix solutions for manufacturing enable IT leaders to utilize technologies such as cloud computing and desktop virtualization to centralize and streamline IT operations and infrastructure. This leads to the reduced overhead and increased efficiency needed to cut manufacturing plant downtime, meet production schedules, enable workforce mobility, and quickly scale to changing business cycles.

## Enhance productivity and enable mobility to increase to profitability

Manufacturing business leaders are under intense pressure to take advantage of emerging markets and increase workforce productivity and mobility while meeting strict regulatory requirements. To remain competitive, manufacturing organizations need to build a flexible business model that scales with market demands and addresses the challenges associated with a dispersed global workforce. Citrix solutions for manufacturing enable your IT team to centrally deliver business critical as well as 3D applications and workstations to any facility, device or person. Since this happens in a matter of days rather than weeks or months, your organization can accelerate product launches and stay ahead of the competition.

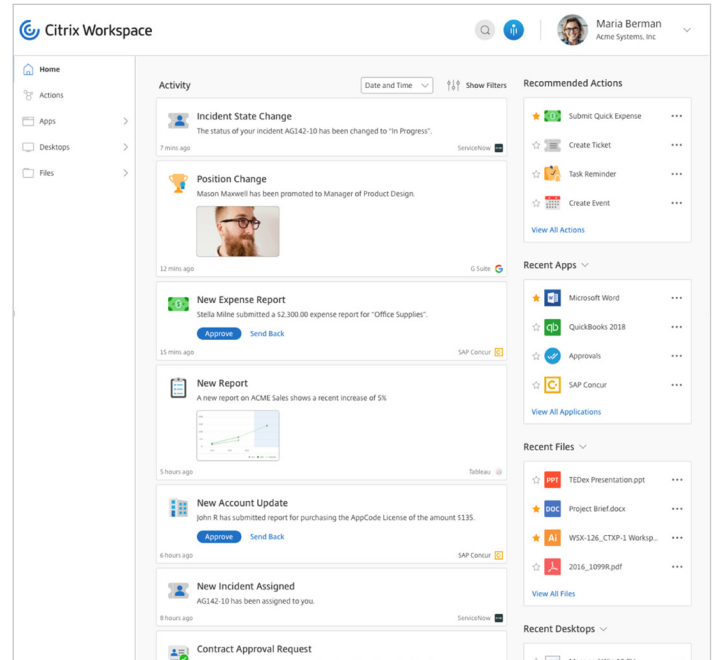
## Protect sensitive corporate data and intellectual property

Keeping intellectual property secure is a huge undertaking, especially since sensitive product information passes through many points in the supply chain – including third parties. You face stringent regulatory compliance requirements such as DFARS, ITAR, and CMMC which require strict protections for Federal Contracting and Controlled Unclassified Information (FCI/CUI). But your workforce – from designers to executives and even contractors – require timely, mobile access to information to accelerate product launches and minimize production delays. Citrix solutions empower you to address key security and compliance priorities by ensuring the right level of secure access for every individual and situation – without sacrificing individual workforce productivity or satisfaction.

## Citrix Workspace delivers the next generation user experience

The way we work is changing. Today's remote workforce no longer views work as a place people go, but rather as something they do. Now more than ever, employees need a reliable way to work from any location—on any device, at any time. Which means it's time for the traditional workplace to step aside for a much more modern workspace. By adopting a work-from-anywhere “digital workplace” model— one that's not tied to any one geography, network or set of devices— amazing things can happen. It's the kind of digital transformation that quickly leads to a superior user experience, increased employee engagement and greater productivity.

Citrix helps organizations turn employee experience into competitive edge by providing the technology workers need to take control of their workdays and gain the space to think more creatively and be more purposeful. When organizations truly unleash human value, they become more adaptive, more innovative, and more successful. Citrix Workspace is the solution for better work – a single digital space that unifies all assets and activities people need to do their best work and help their organizations gain an edge. A customized interface organizes essential data, tasks, and tools into a personalized flow so people can focus fully on their work. Seamless connectivity with existing tools means people can keep working in the ways they prefer – and embrace new apps with ease. Machine learning intelligently filters and automates routine tasks so the entire organization can direct its efforts toward what matters: creating, innovating, and adapting seamlessly to continually changing business needs. You still have access to all of your applications, desktops, and files, but now an intelligent feed focuses and facilitates work by reducing noise and organizing information into a prioritized, personal flow. It delivers content, actions, and insights to end-users, pulled from connected applications. Guided actions are available for your most used SaaS apps like Concur, Salesforce, Microsoft 365, SAP, Tableau, G-Suite and more.



## Empowering the Engineer using Citrix HDX 3D Pro

Engineers who use powerful 3D computer-aided design, manufacturing, and engineering (CAD/CAM/CAE) applications often rely on high-end, expensive workstations powered by GPU cards. Unfortunately this



tethers the Engineer to their desk and makes it much more difficult for them to collaborate across teams and work in a mobile environment. Also investments in high-end workstations often aren't optimal since their hardware is used only by a single Engineer at a time.

Citrix HDX 3D Pro empowers Engineers by delivering CAD/CAM/CAE applications virtually to any device, including mobile devices, tablets, thin client, and IoT devices, as well as traditional laptops and desktops. Shared GPU resources deliver hardware acceleration of virtualized OpenGL and DirectX-based applications such as CATIA, SolidWorks, AutoCAD, Siemens NX, Creo, and many others. Also since the GPU resources are centralized and can be shared amongst multiple Engineers and virtual sessions, return on investment for GPU hardware or cloud infrastructure is greatly increased.

### Examples of use cases that leverage HDX 3D Pro include:

- Access 3D CAD/CAM/CAE models on a mobile device right from the shop floor (ideal for inspectors, shop floor supervisors)
- Significantly reduce the amount of time spent loading large 3D models by allowing virtual sessions to roam between devices
- Collaborate within 3D applications across teams within shared spaces like conference rooms by accessing a virtual session from a thin client or IoT device such as a smart whiteboard

## Learn More

To schedule a discussion on how Citrix can help you achieve your CMMC certification, contact the Citrix Federal Systems Integrator team:

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