Deliver Enterprise Applications

Securely deliver Windows and web applications to any device for higher worker productivity, stronger compliance, easier scalability, and lower costs.
Delivering mission-critical applications from the datacenter or cloud to any device with exceptional efficiency, security, and performance

What is your organization’s top application delivery challenge?

- **Incompatibility.** Avoid conflicts between your custom/legacy applications and Windows 10, Android, and iOS platforms.
- **Security.** Ensure compliance with regulations such as HIPAA, PCI, and CJIS on any device—including mobile and non-government owned—for data in transit and at rest.
- **Remote access.** Enable employees who telework, work in the field, or travel extensively to access applications so they can complete tasks securely on site instead of having to visit a government office.
- **Performance.** Accelerate application response to improve productivity—especially for graphics-intensive engineering, mapping, or medical software.
- **Budget.** Reduce the high costs and administrative burden of installing, configuring, and maintaining software on distributed endpoints.

Citrix Virtual Apps delivers mission-critical enterprise applications (an ERP or CRM solution, an electronic medical records suite, or custom line-of-business software) to your users with:

- A consistent, high-definition user experience across devices and locations

**At a Glance**

Delivering applications and data to workers is essential to your government organization. But issues ranging from incompatible operating systems to data security risks to poor performance can cause complications. Citrix Virtual Apps (formerly XenApp) is part of our workspace strategy, where SaaS apps, files, virtual apps, data, web apps, virtual desktops, and mobile apps come together as part of a unified, contextual, and secure workspace.

Citrix Virtual Apps, a component of Citrix Workspace, can deliver any application over any network to any user, on any device, whatever their work scenario – using mobile devices in the field, teleworking, or roaming from one endpoint to another. For your IT team, the centralized Citrix Virtual Apps architecture streamlines administration, increases control, and cuts costs.

**Key Benefits**

- Application delivery to any user on any device, over any network, with high performance
- Remote access for flexible working and business continuity
- Strong security for data protection and regulatory compliance
- Ability to deliver legacy applications on new operating systems (such as Windows 10 or tablets)
- Reduced IT costs from centralized administration, updates, and onboarding

- Strong security certified to Common Criteria and FIPS 140-2 standards
- Efficient, centralized management that can slash IT administration costs

**How it works**

Citrix Virtual Apps organizes all the applications and content your users need, including SaaS, web, and virtual apps, and a secure browser, and presents them through a unified, familiar-looking app store. This app store can further integrate with the other components of the complete Citrix Workspace solution, including virtual desktops and content repositories. When a user launches an application, backend technology can automatically ensure the best and most secure experience, including single sign-on access. SaaS application access can be restricted to a secure company portal, protecting this network traffic.

With Citrix Virtual Apps, applications can be installed, maintained, and executed within a secure datacenter or cloud. These virtualized applications appear to users as if they are installed locally on their device, with keystrokes, mouse clicks, and...
touch feedback transmitted from the device back to the application. Citrix HDX technology is used to optimize network traffic by adapting automatically to changes in connectivity to ensure the best user experience. Additionally, SaaS applications can be published alongside the virtualized applications through the Citrix Workspace and accessed through secure tunnels using integrated single sign-on.

Now, let's look at how Citrix Virtual Apps can solve some of the leading application delivery challenges for government IT teams.

**Legacy or custom applications on modern operating systems and browsers**

Many government agencies rely on mission-critical, legacy applications that have been customized and have worked well for years. They don’t have the resources or ability to migrate away from this software but need to deliver it to devices running a new OS, such as Windows 10. This situation can lead to incompatibilities, which also occur between older web applications and new browser versions.

*Citrix Virtual Apps isolates applications from the underlying operating system, so legacy apps can be accessed on devices running the latest OS or browser.*

**Security/compliance of application data**

Applications installed locally on endpoints—especially mobile devices—can put sensitive data at risk and impact regulatory compliance. For example:

* A county medical examiner works on patient documentation from an unsecure home PC, violating HIPAA regulations.
* Law enforcement officers access the FBI’s CJIS network from laptops that could be hacked.
* Applications and data used by U.S. embassy workers in a combat theater are at risk of loss, damage, or theft.

With Citrix Virtual Apps, applications and data remain protected in the datacenter or cloud, instead of residing on the device where they could be compromised.

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**BYOD and remote access with flexibility and high performance**

Demand for access to apps and data from bring-your-own (BYO) devices and remote locations is increasing as employees become more mobile and agencies promote telework. Remote access for employees and contractors saves time that would otherwise be spent traveling to a government office, while support for BYOD increases convenience and satisfaction.

To be productive, these workers need high application performance, especially when using graphics-heavy GIS, engineering, and medical imaging software.

*Virtual application delivery with Citrix Virtual Apps, powered by Citrix HDX optimization, ensures a high-performance user experience—even on older devices or bandwidth-constrained networks.*
Efficient, cost-effective administration

Managing applications installed on distributed devices takes a tremendous amount of time and effort. Onboarding new hires, performing software updates, and closing out accounts are just a few of the tasks an IT team must perform. Administrative costs often eat up most of the IT budget, leaving little to spend on new technologies.

*Citrix Virtual Apps enables IT teams to efficiently maintain applications in the datacenter instead of touching each device, saving time and travel costs and freeing time for strategic projects.*

About Citrix Workspace

Citrix Workspace offers a better way to work. It unifies Citrix technologies including virtual apps, virtual desktops, content collaboration, and endpoint management. Citrix Workspace offers a user-centric experience where everything you need to work is in one app, with simplified access and performance based on user context and IT-designated conditions. By bringing all your apps, files, and data together in one easy-to-use interface, Citrix Workspace delivers secure access and high performance to your users.

Customer Use Cases

**U.S. Department of Defense organization**

**PROFILE:**
One of the world’s largest, fully integrated supply chain, maintenance, repair, and financial management systems

**CHALLENGE:**
Deliver an SAP-based commercial, off-the-shelf ERP solution that manages and tracks orders and delivery of matériel to soldiers where and when they need it.

**RESULTS:**
Centralized app delivery with Citrix XenApp (now Citrix Virtual Apps) reduced IT costs for supporting and maintaining this supply chain software and enabled secure access anywhere in the world.

**U.S State Office of Information Technology**

**PROFILE:**
State office of information technology services

**CHALLENGE:**
Increase operational efficiency to support multiple agencies (DMV, police, children & family services, mental health) at the lowest TCO.

**RESULTS:**
Centralized app delivery with Citrix XenApp (now Citrix Virtual Apps) reduces IT costs while protecting data, which resides securely in the datacenter.