

# Desktops and Apps as a Service

Reference architecture  
overview



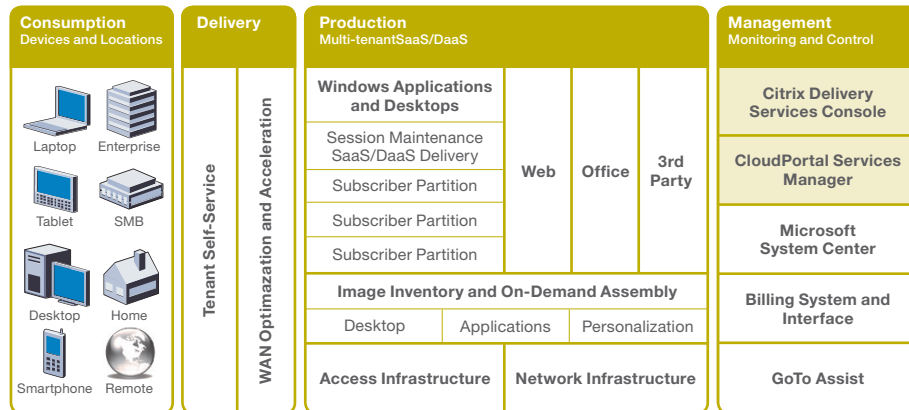
### Citrix Service Provider Reference Architecture

The Citrix® Service Provider Reference Architecture guides partners in the process of designing Desktop-as-a-Service (DaaS) solutions, offering a bundle of apps, data and services on a pay as you go basis to all businesses, from the small and medium-sized businesses to large enterprises.

The reference architecture represents the field tested best practices recommended by Citrix and employed by some of the most successful Citrix Service Providers. Specifically designed to meet service provider demands for multi-tenant isolation and high availability, the reference architecture includes all of the components—from the datacenter to the device—that service providers need in order to build flexible, scalable, and cost effective solutions that exceed their customer’s expectations.

The Citrix Service Provider [reference architecture](#) encompasses four primary modules:

- **Management** including monitoring and control functions as well as usage metering and remote assistance
- **Production** including an inventory of images and dynamic assembly functionality to build custom end user desktops in a securely accessible multi-tenant environment
- **Delivery** to your remote users over the toughest network conditions along with a self-service interface for individualized tenant control
- **Consumption** subscribers can access to their desktops and apps from any device, anywhere giving them mobility and flexibility



## Reference Architecture Modules

Features and Capabilities	Benefits	Components and Technology
<b>Management</b>		
<ul style="list-style-type: none"> <li>Monitoring and reporting capabilities, including billing metrics</li> <li>Integration with System Center Configuration Manager</li> <li>Configure policies, publish apps and desktop services</li> <li>On-board tenants; assign services; provide remote assistance</li> </ul>	<ul style="list-style-type: none"> <li>Unified view across the entire infrastructure, from the datacenter to the device</li> <li>Quickly analyze, resolve and proactively prevent problems</li> <li>End-to-end detail ensures that SLAs for subscribers are maintained</li> </ul>	<ul style="list-style-type: none"> <li>Citrix EdgeSight®</li> <li>CloudPortal™ Services Manager</li> <li>Citrix XenApp Delivery Services Console</li> <li>GoToAssist®</li> <li>GoToManage®</li> </ul>
<b>Production</b>		
<ul style="list-style-type: none"> <li>Windows desktops and applications</li> <li>Subscriber partitions</li> <li>XenApp workload provisioning</li> </ul>	<ul style="list-style-type: none"> <li>Build one scaled farm, yet easily sub-divide the server resources to individual subscribers</li> <li>Stream standardized images across the environment, simplifying deployments and maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Citrix XenApp®</li> <li>Citrix Provisioning Services™</li> <li>App Orchestration Technology</li> </ul>
<b>Delivery</b>		
<ul style="list-style-type: none"> <li>WAN optimization</li> <li>Tenant self-service portal for end user service selection</li> </ul>	<ul style="list-style-type: none"> <li>Reduces bandwidth consumption</li> <li>Accelerated access to desktops and apps</li> <li>Reduces support calls</li> <li>Increase customer loyalty</li> </ul>	<ul style="list-style-type: none"> <li>Citrix Branch Repeater™</li> <li>CloudPortal Services Manager</li> </ul>
<b>Consumption</b>		
<ul style="list-style-type: none"> <li>Browser access to any virtual desktop, app or IT service</li> <li>Use any device—PCs, Macs, tablets and smartphones</li> <li>Reach any app—business, web and SaaS-based</li> </ul>	<ul style="list-style-type: none"> <li>Universal client technology future proofs tenants device choice</li> <li>Access virtual desktops and apps from any location via any network available—wired or wireless, private or public</li> </ul>	<ul style="list-style-type: none"> <li>Citrix Receiver™</li> <li>Citrix HDX™ Technology</li> <li>Tablet Optimized Desktops</li> <li>Next Generation Seamless App Technology</li> </ul>

### Get Started Today

With your MyCitrix login, visit [www.citrix.com/csptoolkit](http://www.citrix.com/csptoolkit) to:

**Download** the full reference architecture whitepaper

**Watch** the reference architecture design video

**Request** a design review



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