

# CA Unified Infrastructure Management for Citrix XenDesktop®



## At a Glance

CA Unified Infrastructure Management (CA UIM, formerly CA Nimsoft Monitor) for Citrix XenDesktop® offers the monitoring capabilities that administrators need to establish the highest service levels for their Citrix XenDesktop-based virtual desktop infrastructure (VDI) environment. With CA UIM, administrators can track the health, end-to-end performance and availability of all systems, applications, networks and storage infrastructure that supports the VDI environment, including the virtual desktops themselves and the Desktop Delivery Controllers in one unified intuitive user interface.

### Key Benefits/Results

- Accelerate identification of failures and performance issues, optimize service levels and satisfy compliance
- Provide deep insight into specific Citrix XenDesktop performance metrics and configurations in addition to Citrix XenApp monitoring metrics
- Show a correlated picture of both physical and virtual resources
- Rapid time-to-value using pre-configured dashboards and templates

### Key Features

- Monitor the physical, logical and virtual components of Citrix XenDesktop VDI environment
- Automate dynamic discovery, monitoring, deployment, configuration and data aggregation
- Utilize integrated systems, application, network and storage monitoring
- Use best practices templates for monitoring Citrix XenDesktop infrastructure components, such as Desktop Delivery Controllers, and web interfaces
- Provide correlated performance monitoring views of underlying hypervisors and hosted virtual desktops
- Collect metrics derived from direct integration into the Citrix XenDesktop and Citrix XenApp ICA infrastructure providing an un-biased and end-to-end visibility
- Comprehensive, multi-tenant views of VDI performance, availability and resource usage
- Easy to use and can be delivered on-premises or SaaS for time-to-value

## Business Challenges

Organizations today deploy virtual desktops to improve data security, agility and flexibility providing optimal user experience. Citrix XenDesktop adds manageability and control to these environments, providing additional flexibility and scalability as compared to the traditional physical desktop environment. Given the highly dynamic nature of a virtual desktop infrastructure—with increased user needs and resources coming on and offline—Citrix XenDesktop infrastructures present additional monitoring requirements to track this highly scalable VDI infrastructure and optimize user experience. To meet the service level commitments while fully leveraging the benefits of virtual desktop environments, organizations need comprehensive, automated and efficient monitoring capabilities to realize the reduced total cost of ownership.

## Solution Overview

CA UIM for Citrix XenDesktop provides the breadth in coverage, deep insights and automation that administrators need to proactively and efficiently monitor dynamic Citrix XenDesktop-based VDI environments. At customizable intervals, CA UIM can collect capacity and performance data from one or more Citrix XenDesktop implementations—whether virtual data centers are on-premises, running at a service provider or a combination of both.

## Critical Differentiators

**Message Bus Architecture:** CA UIM uses a Message Bus Architecture as a core element that is streamlined, comprehensive and efficient. It enables all monitoring components to communicate with each other, without direct program-to-program connections and acts as an abstraction layer between the core system and the monitoring probes. This leads to significant improvements in reliability, scalability and development agility.

### Comprehensive coverage:

Equips administrators with correlated monitoring of elements within the Citrix XenDesktop hierarchy, including in-depth visibility of virtualized machines and applications and VLANs.

### Specific metrics and configurations for virtual desktops:

Collects detailed metrics and data directly from the Desktop Delivery Controllers that provides insight from within the virtual desktop environment.

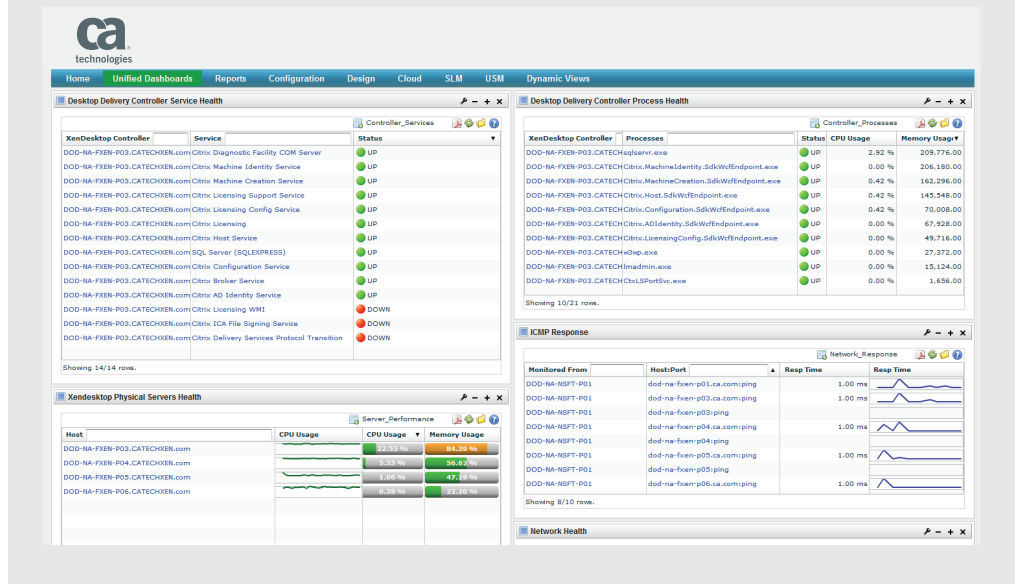
### Powerful, actionable insights:

Delivers multi-tenant views of performance, availability, utilization and usage across multiple Citrix XenDesktop-based environments.

### Automated, efficient operation:

Automates monitoring and data collection tasks, so you can focus on addressing problems as they arise—and possibly avoid them from happening in the first place.

## CA UIM Unified Dashboards for Citrix XenDesktop Virtual Desktop Infrastructure



### Monitoring capabilities:

Comprehensive Citrix XenDesktop VDI coverage to monitor multiple Citrix XenDesktop environments and collect crucial metrics and alarms from Citrix XenDesktop components including Desktop Catalogs, Desktop Groups, Desktops, Hypervisors, and Machines (VMs).

### Efficient administration:

Agent optional monitoring for Citrix XenDesktop environments makes it easy to use, deploy and operate.

## Supported Environments

- Citrix XenDesktop 5.5
- Citrix XenDesktop 5.6

For more information, please visit [ca.com/uim](http://ca.com/uim)

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