

United Devices Data Center One™ Solution and Voltaire® GridVision™ Enterprise

Application-Centric, Service-Oriented Infrastructure Management Solutions for Data Centers

Dynamically create and manage your virtual infrastructure – including virtual or physical servers, storage, and network resources – based on application or IT demands

United Devices Data Center One Overview

Data Center One from United Devices (UD) enables companies to fully, intelligently automate the process of provisioning and managing infrastructure in the data center. With Data Center One, applications are dynamically bound to underlying physical and virtual infrastructure – provisioned only when needed as determined by customer-defined policies and service levels. The total cost of ownership (TCO) is minimized as the environment is transformed into an efficient virtual environment with the agility required to respond to changing business demands.

Voltaire GridVision Enterprise Overview

Voltaire GridVision™ Enterprise is a first-of-its kind software solution for the management and automation of heterogeneous and dynamic grid environments in the data center. The software accepts high-level user definitions of data center elements and topologies, translates them to actual configurations, and dynamically maps them to real or virtual server, network, and storage resources. This enables true automation of repetitive IT tasks associated with network, server and storage provisioning to deliver unprecedented efficiency and allows full exploitation of virtualization technologies. Provisioning tasks that used to take days and involve multiple groups within IT can now be reduced to seconds, resources can be used much more efficiently, and new service levels can be achieved.

How the solution works

Together, United Devices and Voltaire create a compelling end-to-end value proposition for companies looking to reduce data center operational costs and increase efficiency. UD gathers event data from various sources including applications, resources, network, and other virtualization technologies such as Voltaire; evaluates that event data against established policies that represent appropriate service levels; and issues provisioning actions when policy thresholds are met.

These actions include identifying, scheduling, and managing the provisioning actions necessary to bring applications back in compliance with policies.

When executing provisioning tasks, in addition to interacting with technologies from VMware, Opsware, and others, United Device's Data Center One, can also interface with Voltaire's GridVision Enterprise, which has detailed resource information and can execute informed provisioning actions including creating virtual storage and networks. Voltaire's powerful modeling capabilities allow IT Managers to define and ultimately control every aspect of their IT infrastructure.

Virtualizing the data center brings many benefits including:

- Removes manual provisioning steps
- Creates an infrastructure that adapts automatically and dynamically to application or business demands
- Lower TCO

Business benefits include:

- ▶ Improved business agility and flexibility
- ▶ Improved ROIC and cost avoidance
- ▶ Increased productivity

Key network and change configuration management benefits include:

- ▶ Infrastructure modeling and requirements definition
- ▶ Automated discovery and resource monitoring
- ▶ Virtual networking

Key application virtualization benefits include:

- ▶ Improved business agility through reduced lead time to provision virtual and physical infrastructure as well as increased application processing capabilities
- ▶ Proven, dramatic TCO reduction from resource rationalization and reduced management overhead
- ▶ Assured application infrastructure availability through automatic SLA management
- ▶ Improved return on invested capital through optimized resource utilization
- ▶ Heterogeneous infrastructure management, including integration with an existing ecosystem of 3rd party technologies and legacy applications

United Devices and Voltaire solutions deliver these benefits by understanding the detailed requirements of the entire data center stack, from network to resources to application, and taking action automatically when any of those elements are under- or over-utilized. In doing this, full automation is possible with the data center becoming an asset that is responsive to the changing needs of the business. Ultimately, the data center dramatically reduces both CAPEX and OPEX yet at the same time is able to scale with the business.

About United Devices

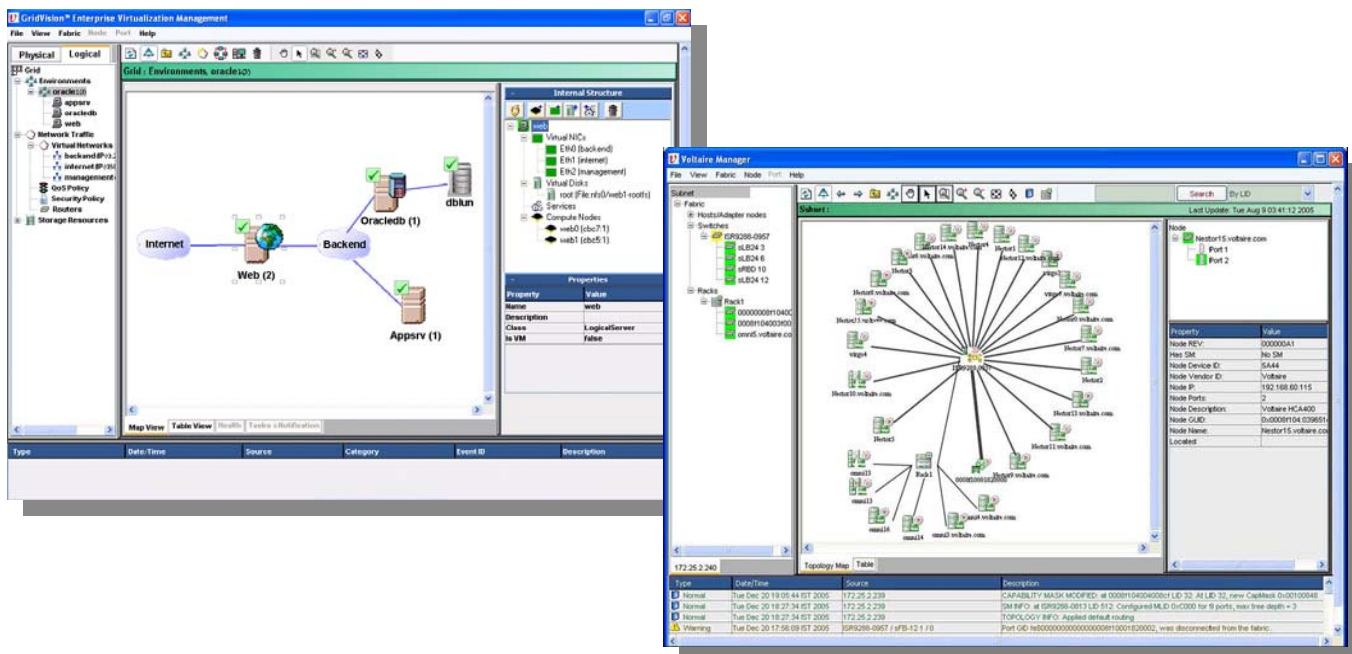
United Devices provides the most cost-effective and flexible computing capacity available anywhere. Our grid and infrastructure management solutions address a range of business needs, from traditional application acceleration to enterprise-scale infrastructure virtualization. UD products extend, manage, and optimize IT environments by reducing complexity, leveraging both dedicated and non-dedicated resources, and establishing centralized control. UD solutions are proven to enhance innovation and reduce total cost of ownership for companies in a wide range of industries including Manufacturing, Energy, Life Sciences, Government and Telecommunications.

For more information, contact United Devices at +1-800-370-5320 or at sales@ud.com, or visit <http://www.ud.com>.

About Voltaire

Voltaire is the worldwide leader in grid backbone solutions for networked computing in the next generation data center. Voltaire's integrated family of switching hardware and network virtualization software delivers the high performance, intelligent backbone for grid computing architectures. Leveraging the InfiniBand standard, Voltaire solutions offer improved performance, utilization and scalability across compute clusters, storage and IP networks. Voltaire solutions are available from major systems vendors and integrators.

More information about Voltaire is available at www.voltaire.com or by calling 1-800-865-8247.



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