

About UDS Enterprise

UDS Enterprise is a multiplatform connection broker for:

- VDI: Windows and Linux virtual desktops administration and deployment
- Management of user access to IT resources in the Data Center or Cloud
- User services consolidation by means of new or existing modules

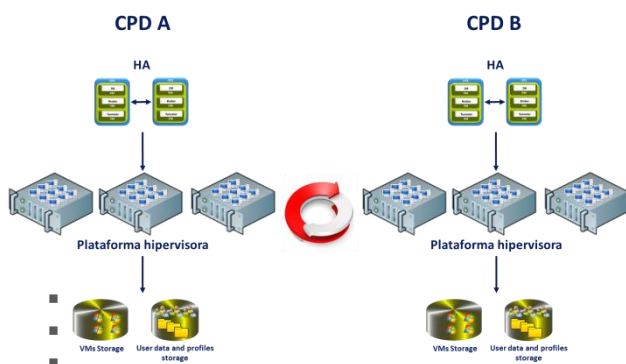
UDS Enterprise is ideal for managing workstations because, among other functions, it allows you to perform the following tasks:

- Manage the user station lifecycle
- Administer and manage virtual desktops and IP services deployed on different platforms from a single console
- Connect users and user groups from different authentication systems with virtual desktops and different IP services
- Establish usage policies for deployed virtual desktops or other resources
- Deploy template-based virtual desktops
- Provide secure access from WAN
- Provide remote access without requiring client software

- Unlimited number of configurations thanks to its additional module management system and the definition of configuration variables on two levels:
 - Definition of systematic configuration variables
 - Definition of independent module configuration variables
- Unlimited services management (Hyper-V, vSphere, KVM, oVirt, Terminal Server, FTP, Remote File Storage...)
- Unlimited user and device authentication systems (AD, eDirectory, LDAP, SAML, internal authentication system, authentication by IP, MAC)
- Virtual desktops deployment in multiple hypervisors and Data Stores managed from a single UDS broker
- Deployment of very scalable services based on SOA architecture

UDS Enterprise functionalities

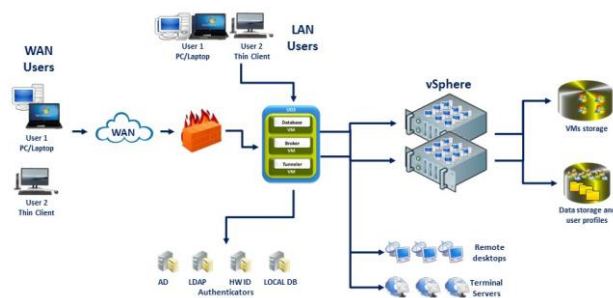
- **Scalable platform.** It supports readily available configurations by deploying several UDS brokers in a cluster



- Two-tier virtual desktop cache system for a quick connection
- System for viewing logs and statistics system

Architecture UDS Enterprise & vSphere

The process of integrating UDS Enterprise with VMware vSphere is a simple task since its components are offered in Virtual Appliance format.



The elements that make up UDS Enterprise are hosted on the same VMware vSphere platform on which the virtual desktops are to be deployed by very simple steps.

Once the initial steps have been completed, the UDS Enterprise components are interconnected to each other and are subsequently connected to the platform on which the virtual desktops are to be deployed.

At this time, we will obtain a robust and efficient virtual desktop platform that is prepared to administer and manage the virtual desktops deployed on VMware vSphere, with the virtual desktops now ready for users to connect.

UDS Enterprise automatically manages the user station lifecycle with VMware vSphere, becoming a completely autonomous system, adding unique functionalities to the inherent functionalities of the chosen hypervisor platform.

UDS Enterprise components

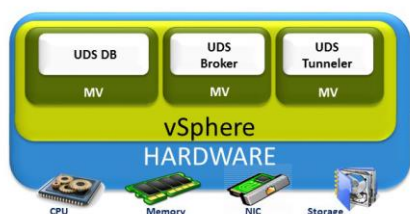
UDS Enterprise Broker. This is UDS Enterprise's main component. One of its most important functions is the administration and management of virtual desktop platforms and the connection to these platforms by users and user groups.

UDS Enterprise Tunneler. It allows users to make a secure connection to their virtual desktops through WAN from any device.

UDS Enterprise Database. It stores statistics, configuration data and UDS software statuses.

UDS Enterprise Actor. It performs the communication and interface functions for transmitting data (virtual desktop state, machine name...) and commands between the broker and the virtual desktops managed by UDS Enterprise.

UDS Enterprise Administration Client. It is responsible for providing access to UDS Enterprise administration interface and management.



A robust and efficient solution

UDS Enterprise is capable of deploying virtual desktops on multiple hypervisors. Integrating with VMware vSphere achieves a virtual desktop management and administration solution unique on the market.

VMWare vSphere's features and functionalities, together with those of UDS Enterprise, make up an extraordinary virtual desktop platform:

- UDS Enterprise allows you to deploy template-based virtual desktops thanks to its compatibility with VMware vSphere's proprietary Linked Clones technology. Thanks to this characteristic, a significant amount of space is saved on the hard drive and an efficient management of the desktops is achieved
- VMware vSphere has a unique memory management system which allows virtual desktops a memory savings ratio up to 40%
- Thanks to DRS technology (VMware Distributed Resource Scheduler), it is possible to add calculation and RAM memory capacities to the servers that make up a logical resource pool cluster and intelligently assign the available resources among the base virtual desktops to pre-established rules or regulations. VMware DRS dynamically balances VMware ESX/ESXi virtual desktops to another VMware ESX/ESXi server or servers to improve the response time of applications run on the virtual desktops. When a virtual desktop experiences an increase in resource usage, VMware DRS automatically assigns additional resources by redistributing other virtual machines among the physical servers that form the cluster
- Management of the virtual desktop lifecycle
- Management of virtual networks, permitting the deployment of virtual machines on different vSwitches and configuration of different network interfaces on the virtual desktops



UDS Enterprise

UDS Enterprise on VMware vSphere

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All of these functionalities and compatibilities have been implemented to be managed from UDS Enterprise, without requiring you to intervene or make actions on the VMware vCenter.

UDS Enterprise with VMware vSphere is a solution for the robust, efficient and ideal management of virtual desktop platforms for any type of environment, maintaining all of the characteristics of the hypervisor chosen for your platform.

Professional support and services

VirtualCable sells UDS Enterprise through a subscription model, including product support and updates in segments based on number of users.

Additionally, VirtualCable offers a broad portfolio of professional services to install and configure UDS Enterprise and other virtualization technologies.

For further information visit www.udsenderprise.com or email us at sales@udsenderprise.com