



UDS Enterprise 4.0

Technical specifications

www.udsenderprise.com

About UDS Enterprise

UDS Enterprise is a multiplatform connection broker for:

- VDI: Windows and Linux virtual desktops administration and deployment
- Windows and Linux app virtualization
- Desktop service consolidation
- Remote access to physical and virtual devices

In short, UDS Enterprise manages user access to IT resources in Data Center or Cloud.

Technical features

User access from any web browser and OS.

Service access via connection plugins, Java is not required, nor any other third-party software.

Two level cache system for virtual desktops that provides resources savings and user access without downtime.

WAN Security Access SSL. UDS Enterprise enables secure connections to virtual desktops via tunneler, without requiring a heavy client or third-party products.

Split authentication. It enables to define two types of users, one to access the system and another one to connect to the virtual desktop.

Native MFA authentication via mail server, SMS, TOTP code or Radius.

Deployment of virtual desktops on multiple storage systems. A single UDS Enterprise broker allows the establishment of different locations to host the desktop services to be deployed.

Management and deployment of VDI and vApp hosted in a public, private or hybrid cloud through a pay-as-you-go model. Possibility of using desktops as a service (DaaS) without the need for hardware. Compatibility with Microsoft Azure and VMware vCloud.

Access to services at specific times. Desktops and virtual applications can be configured to be accessible at a specific time.

Task scheduling. Enables programming processes like increasing/decreasing virtual desktops' cache and creating new publications.

Scalable platform. UDS Enterprise supports high availability configurations, which allows to deploy several broker and tunnel servers in active/active mode.

Unlimited configuration possibilities. UDS Enterprise allows the definition of configuration variables at two levels and the incorporation of new modules through SOA architecture.

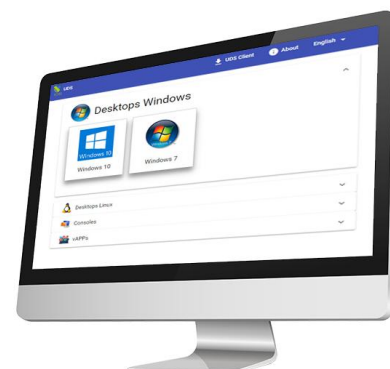
Unlimited services management. UDS Enterprise is able to manage services such as: Voice over IP, Cloud Services, eLearning, IP Cameras, Remote File Storage... and any IP service.

Reports on the use of the platform. The system automatically creates reports on the use of the different deployed services (desktops and virtual applications), lists and users accesses to UDS Enterprise.

BYOD support. It allows users to access from tablets and smartphones by RDP via HTML5.

Virtual desktops and applications with Moodle. UDS Enterprise is the first software that enables access to virtual desktops and applications through Moodle.

PCs optimization with OpenGnsys. UDS Enterprise and OpenGnsys integration enable the access to PCs from anywhere and using any device.





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Functionalities

Windows and Linux desktops native support.

Enables the deployment of the following OS:

Windows OS

Windows 11	W.Server 2016-2025
Windows 10	

Linux OS

Ubuntu	Fedora
Debian distros	CentOS
openSUSE	...

Application virtualization. Applications deployment using the following providers:

- Windows Server (RDS):
 - Windows 2016-2025
- Linux (Ubuntu / Debian)

Multiple hypervisors and service providers: You can choose the one that best suits your needs or set up some of them simultaneously.

- Microsoft Azure
- Amazon AWS
- Huawei Cloud
- Microsoft Hyper-V
- Nutanix Acropolis
- Prism Central
- oVirt KVM, RHEV KVM
- Proxmox
- Scale Computing
- VMware vSphere
- VMware vCloud
- OpenStack
- OpenNebula
- OpenGnsys
- XenServer/XCP-ng

Multi-protocol. Connection to desktop services using multiple protocols simultaneously:

- RDP for Windows and XRDP for Linux
- RDS
- HTML5
- Nice DCV
- NoMachine
- SPICE (KVM)
- HP Anyware
- X2Go

Multi-authenticator. UDS Enterprise enables the assignment of desktop services from several sources simultaneously and with unlimited configurations.

Supported authentication systems:

- Active Directory
- Azure Active Directory
- LDAP
- Radius
- OpenLDAP
- eDirectory
- SAML
- CAS
- Internal authentication system
- Authentication system per device (IP)
- OAuth2
- Radius

Open Source based. UDS Enterprise enables to add new hypervisors, service providers, authenticators and connection protocols.

Connection to persistent devices and terminal server.

The connector of physical machines allows the connection to persistent devices and makes it possible to use them as terminal servers.

Support and professional services

Virtual Cable sells UDS Enterprise through a subscription model based on the number of users, including product support and updates.

The Virtual Cable team has more than 30 years of experience in IT and software development and more than 15 in virtualization technologies. Every day millions of Windows and Linux virtual desktops are deployed with UDS Enterprise around the world.

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