

# CloudDesktop – PC Repurposing

## Easy Transitioning to Thin Clients.

### Converts your legacy PC into a secure thin client

Transition to thin-client computing, the easy way – and dramatically extend the working life of your legacy PCs

Moving to a thin-client infrastructure is an attractive proposition. Ironically, the main thing which holds companies back is the past – replacing their investment in legacy PCs, in a short space of time, can be costly. CloudDesktop provides a unique stepping stone from fat clients to thin clients – by converting current hardware into secure, centrally managed thin-client devices.

As more organizations move to a virtualised world, they face the problem of replacing legacy PCs with thin clients and zero clients. Because CloudDesktop requires very modest RAM and memory to run virtual applications, both new and old PCs can be converted to thin clients at a fraction of the cost of buying new thin clients.

CloudDesktop is a software solution which delivers all of the benefits that you'd expect from a thin client device, including enhanced security, outstanding control, zero viruses – and more.

The conversion takes just minutes – and can be performed locally, per machine, or centrally, via network management tools. Plus, CloudDesktop is also available in French, German, Spanish languages and is designed to work in harmony with the virtualization protocols you already use, whether they are from Microsoft, Citrix or VMware.

And with features like USB Device Manager (which controls the USB devices which can be used – not just the type and manufacturer, but also right down to the make and model) and Repository Manager (which provides app store-like convenience for deploying different protocols and applications), CloudDesktop gives you everything you need.



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### WHY YOU SHOULD BUY CLOUDDESKTOP



#### Extends PC lifespan

Dramatically extends the life of your legacy PC, creating the perfect stepping stone to thin client computing.



#### Fast and simple installation

CloudDesktop is very simple and fast to install. You can even test it for compliance using the free-to-try Live mode USB version.



#### Boosts productivity

Using an embedded & hardened Linux operating system, CloudDesktop boosts your user's productivity by focusing users.



#### Secure and stable

CloudDesktop has been designed to be secure, using a hardened Linux framework, making it perfect for corporate and financial environments.



#### Highly Flexible

Equipped with the latest thin connectivity client software, CloudDesktop will connect to almost any server framework including Citrix®, VMware® and Microsoft®.



#### Enterprise management available

CloudDesktop is manageable using Fusion DM, available as an affordable cost option. Fusion DM management software delivers enterprise grade features and quality.

### CLOUDDESKTOP IS BEST SUITED FOR

**1** | Businesses with an existing, legacy PC infrastructure and wish to transition to a thin client infrastructure.

**2** | Businesses that are looking for a transition technology that is secure, simple and flexible in its approach.

**3** | Businesses that want a reliable and durable solution for demanding environments.

# CloudDesktop – PC Repurposing

## SPECIFICATIONS

### BENEFITS

- Dramatically extends the working life of legacy PCs
- Provides a unique stepping-stone to thin-client computing
- Compatible with Microsoft, Citrix, and VMware's virtualization protocols
- Central management, Fusion DM (extra cost option)
- Fast and simple installation
- Extremely low cost
- Vastly enhanced security
- Virus-free workstations
- Available in English, French and German languages

### CLOUDESDESKTOP REQUIREMENTS

- Minimum 1GB storage disk space (2GB is ideal)
- 1GB RAM
- USB-bootable machine

### INSTALLATION METHODS

- Bootable USB drive
- Bootable CD-ROM/DVD
- Remote, central deployment, using network management tools
- Licensing Manager virtual appliance is supplied to activate CloudDesktop licences

### CLOUDESDESKTOP'S FEATURES INCLUDE:

- Quick boot times
- User snapshots – revert to user-defined configurations
- Peer update – follow master and update all machines in the network
- USB Device Manager – manage USB devices by vendor, product ID, make and model
- Repository Manager – easily add, remove and update protocols and applications
- Firewall – restrict by IP, by ports and by URLs
- Crontab – execute pre-defined tasks at a particular time and/or interval
- Digital Certificate Manager
- ADS, LDAP and local user authentication
- Single sign-on support

- Appliance mode – use only assigned protocols and/or applications
- Modular user access control – restrict usage of advanced functionality by user
- Restore factory settings, without disturbing connection-related configurations
- Services – CUPS, LPD, SAMBA, FCron, SNMPd, VNC
- CUPS, SMB, IPP, LPD and JetDirect printing with Print Queue management – devices can also act as print servers using the Jet Direct mechanism
- Fail-over, multi-session and ending option for connections
- Custom partitioning option to utilise unused storage
- Custom scripts and environment variables
- Support for locally attached USB scanners
- Run limited Windows applications, using Wine
- Java Web Start and Java Network Launch Protocol support
- Tool for recording, saving and playback of audio and video
- Tightly managed by Fusion DM (extra cost option)



## RECOMMENDED SERVICES

Lenovo™ offers a comprehensive portfolio of services to support and protect your investment. Succeed with substance and let Lenovo's Service support you all the way.

### TECHNICAL SUPPORT

CloudDesktop is provided in conjunction with our technical support starter package that provides you with support and maintenance up until the first product purchase anniversary.

You are advised to purchase an additional extension to three years when purchasing CloudDesktop - you can defer this until later should you choose to do so, although early purchase avoids any break from support or updates.

## CLOUDESDESKTOP LICENSING

Simplified licensing ensures that you can bring your CloudDesktop installation on-stream as quickly as possible.

### HOW IS CLOUDESDESKTOP LICENSED?

CloudDesktop is licensed on a per-device basis and does not operate a concurrency system.

Licenses purchased are required to be entered into the on-premise, VM based licensing server provided as an OVF file for VMware ESX/ESXi.

CloudDesktop powered PC's must have continual access to the licensing server in order to operate without interruption.

### FUSION DM LICENSING FOR CLOUDESDESKTOP

Fusion DM can control all CloudDesktop installations, but requires licenses to be purchased. These licenses are available from Lenovo at a very affordable cost.

The licenses can be activated automatically via the Internet or via email.



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