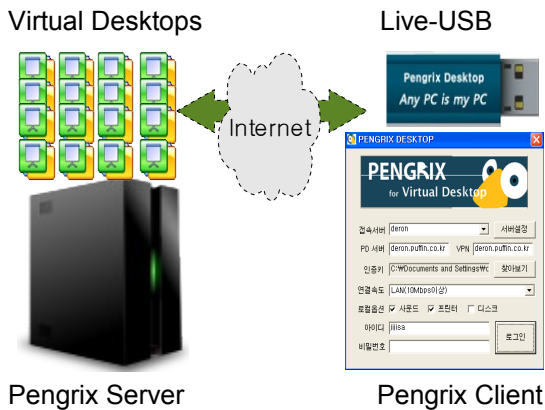


Pengrix Virtual Server Desktop Edition*Pengrix delivers Virtual Desktop from Anywhere at Anytime.*

Pengrix Virtual Server Desktop Edition lets you run desktop applications from any Internet-connected machines. The Pengrix Server is used for desktop consolidation to the data center. The Pengrix Server allows you to centralize your computing resources, power, and storage.

The administrator installs any windows desktops and applications that users need. Then each user connects to its own desktop system and save its computing environment settings.

There can be several different ways to connect to the Pengrix Server; the users can connect via a special live booting medium such as a USB memory stick or a business-card-sized CD-ROM. The users also can connect through our special RDP-over-VPN client from any internet-connected machines.

The Pengrix Server lets you migrate your desktop systems from PCs to the stable, secure, and powerful servers in the data center. It makes users free from PC hardware and the ultra low power thin clients can be used since desktop is running on the server side. By centralizing computing resources, it is easier to maintain computer hardware and software assets and it gives more stability, security, and scalability to your desktop computing environment.

Features

- **Virtual Desktop Cloud System**
It provides virtual desktops on the cloud system. Add the Pengrix Servers as the number of users grows.
- **Secured Remote Desktop Connection**
The communications between client and server are encrypted and compressed using RDP-over-VPN.
- **Management of Virtual Desktop and Accessibility**
The manager have an access control of virtual desktops and resource control to the users.
- **Independent Virtual Desktop to each user**
Each user can have its own settings on its virtual desktop.
- **Enhancement of Business Continuity**
Virtual desktop save/restore feature makes users continuously work on their desktop computing.
- **Various Desktop Operating Modes**
There are three desktop modes (AlwaysOn, Hibernate, Volatile).

Benefits

- **Centralized Software Distribution**
Install Once, Run Everywhere. The administrator installs OS and applications on the server once. There is no need to install them on every PCs.
- **Easy backup and restoration of desktop**
Any installation is easily created, backed up, replicated, and restored.
- **No PC hardware lock-in**
Every desktop is in the Pengrix Server. The users are free to move around any PC.
- **Quick recovery from common software corruption**
The problems such as "blue screen of death(BSOD)" in windows can be easily recovered from the template image.
- **Protection from Malware**
The Pengrix Server prevents the propagation of viri, worms, and other malware from the compromised virtual desktop. The compromised desktop can be initialized to the pristine state immediately.
- **TCO reduction by using thin clients**
PCs are more expensive and prone to hardware failure than thin clients. The lifecycle of PCs are shorter than thin clients.
- **Energy savings with green computing**
The average PC power consumption is 100-200W. Thin client's consumption is 10-20W. The more virtual desktops are used, the less energy is consumed.

Pengrix Desktop Components

Pengrix Desktop is comprised of a set of software programs – Pengrix Manager, Pengrix Client, and Pengrix Live.

● **Pengrix Manager**

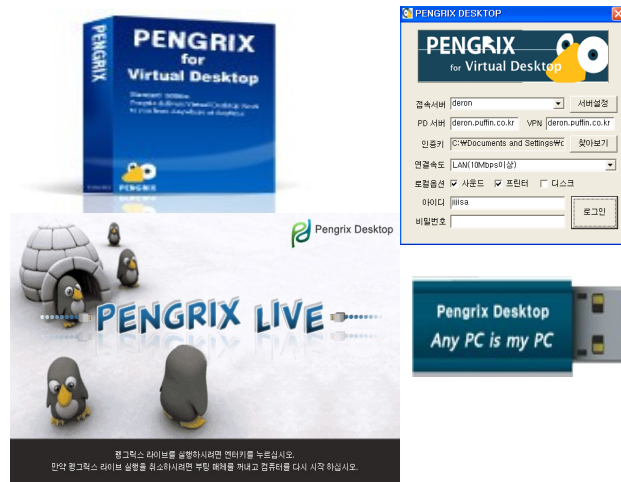
Virtual desktop server management software

● **Pengrix Client**

Virtual desktop remote connection client software (supported OS : Linux, Windows)

● **Pengrix Live**

Live booting software to connect to the remote virtual desktop. It is used as Live-USB or Live-CD.



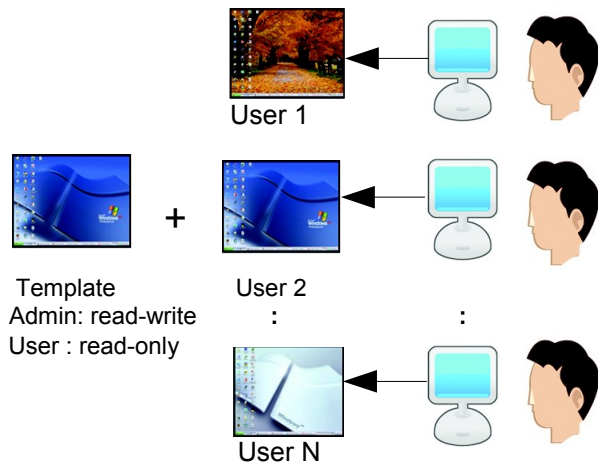
Template and user images

The administrator installs the global template image with a read-write permission. The users have a read-only permission for the global template image and each user has its own read-write image to save its desktop environment settings.

In this way, the administrator can install corporate-wide shared softwares and users can install their own softwares.

When a user image is compromised, it can be immediately recovered from the template image. Therefore user's desktop experience is not hindered by a desktop malfunctioning.

<Template and user images>



Supported OS

- Windows XP (Home/Professional)
- Windows Vista
- Windows 2003/2008 Server
- Windows 7

Clients Requirements

- Windows : XP Home/Professional, Windows Vista, Windows 7
- Linux : Any flavor of linux (Debian, Ubuntu, Fedora, CentOS, Slackware, etc.)
- No Operating System is needed when LiveUSB or LiveCD is used.



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