LEAF OS for vSpace Pro Enterprise

Repurpose your legacy computers into powerful thin clients.

Deliver secure virtual desktops running the latest Windows OS without new hardware investment.

LEAF OS converts a computer from a stand-alone entity to a server-driven thin client securely running the latest supported Windows operating systems and applications. LEAF OS is based on Linux and developed for use with vSpace Pro Enterprise.

If you've got slow, inefficient computers running operating systems that are no longer supported, migration to newer hardware and software can be daunting and expensive. LEAF OS breathes new life into these computers, allowing you to squeeze out additional value. Give your users powerful desktops and centralize their management and data storage without replacing the hardware—game changer.

Features and functionality

LEAF OS includes the same advanced functionality found in our RX-series thin client devices—including vCAST Streaming (video demo), compatibility with a broad assortment of USB peripherals, and dual monitor configurations.

Installation options

LEAF OS can be used or installed temporarily or permanently.

- **Temporary**: Boot LEAF OS from a USB stick. No changes will happen to the computer’s internal hard drive leaving your existing system and files intact.
- **Permanent**: Wipe clean your hard drive and flash LEAF OS to it, letting you boot directly from the internal hard drive.

Who should use LEAF OS?

1. Existing NComputing customers running vSpace Pro Enterprise who wish to add older computers to their deployment as thin clients.
2. Organizations with an existing PC/laptop infrastructure who wish to transition to a secure thin client infrastructure.
3. Groups impacted by Windows 7 end-of-life, who need to upgrade to a current Windows OS without replacing existing hardware.

Why use LEAF OS?

- **Extend the life of existing technology**: Get out of the PC-refresh cycle and put off investments in new hardware until it makes sense for you.
- **Use current Windows operating systems**: Deliver powerful virtual desktops running the latest Windows OS, even on devices that don’t support them natively.
- **Securely built on Linux**: The secure Linux platform is fully locked-down, protecting users against unauthorized applications and common threats.
- **Reduce maintenance & simplify**: Push device configurations and LEAF OS software updates via a centralized management platform. All user data is stored on the server, making backups easy.
- **Simple installation**: It takes just minutes to convert a legacy computer to a powerful NComputing thin client.
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How to manage LEAF OS deployments

There are two software packages available for centrally managing your LEAF OS deployment—vSpace Console and PMC Device Management.

- **vSpace Console**: Offers essential management of LEAF OS device configurations, including firmware updates, and provides user session management of LEAF OS devices (e.g., Multi-View, remote view, take over, message, stop/pause, etc.). vSpace Console is part of vSpace Pro Enterprise.

- **PMC Device Management**: This browser-based system offers management of the full feature set of LEAF OS, including deployments via LAN or WAN networks, locations behind firewalls and NAT-routers. PMC Device Management is a separate software offering included with your LEAF OS license.

Licensing requirements

**LEAF OS** requires vSpace Pro Enterprise (version 12.3 and above). You can download the fully-functional versions and use them without licensing in trial mode. Trial mode is limited to 5 concurrent sessions of 10-minutes each.

To remove the limitations, you’ll need to purchase licenses based on the number of computers running LEAF OS concurrently. These licenses are available in 1, 3 and 5-year terms. Please use the SKUs below to order from our partners or buy directly through your Management Portal account for instant access.

- LeafOS-SW-1A (1 year)
- LeafOS-SW-3A (3 years)
- LeafOS-SW-5A (5 years)

Note: If adding LEAF OS devices to an existing deployment of thin clients, AMP Compliancy is required.

Hardware compatibilities

The minimum requirements for installing LEAF OS on a desktop or laptop computer are:

- Standard x86 or x64-compatible processor, based on either BIOS or UEFI motherboard firmware with USB boot support.
- 2GB RAM
- 2GB of flash or hard drive storage.

Supported virtual desktop environments

LEAF OS can access virtual desktops hosted by vSpace Pro Enterprise, which supports the following operating systems:

- Windows Server 2019
- Windows Server 2016
- Windows Server 2012 R2 U1
- Windows Server 2012
- Windows Server 2008 R2 SP1
- MultiPoint Services Role – Windows Server 2016
- Windows MultiPoint Server 2012
- Windows MultiPoint Server 2011
- Windows 10 Enterprise Edition (64-bit)
- Windows 10 Pro Edition (64-bit)
- Windows 8.1 (64-bit)
- Windows 7 SP1 (64-bit)

For information on Microsoft licensing requirements, see: [http://www.ncomputing.com/mslicensing](http://www.ncomputing.com/mslicensing).