



Unlock the True Potential of VDI, with VERDE LEAF

VDI is only effective if it's available offline as well as online and accessible via a range of client devices. With the second generation of VDI, this powerful combination is here today with LEAF. The benefits of VDI are real, LEAF brings them to more client devices as well as enables offline use - enjoy true "freedom computing" with VDI Gen2 and LEAF.

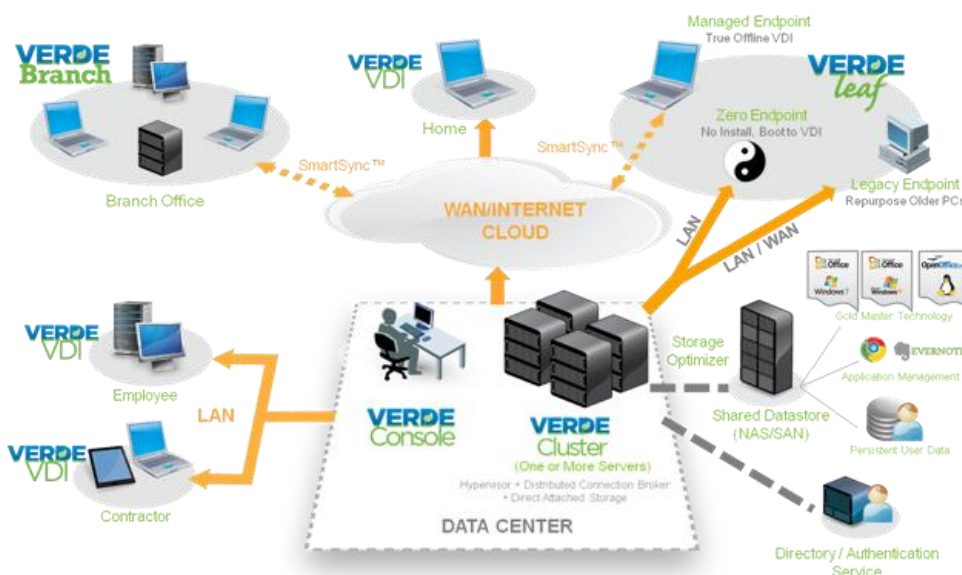
VERDE LEAF - Virtual Desktops the Way You Want Them

VERDE Live Environment Access Format (LEAF) is a set of Endpoint technologies used to transform the VDI experience. For many companies assessing VDI, other solutions fall short on client and offline support. With client desktops hosted on a server, traditional VDI solutions have failed to provide for offline workers, legacy client hardware and / or repurposed clients with PXE capabilities for network boot. Whether working from home, flying across the country or meeting with a customer, people need to be productive while disconnected from the network, while using legacy hardware and when no software distribution is possible to client devices. And while supporting mobile users has traditionally wreaked havoc on IT, today's robust VDI Gen2 solutions provide ease of management across security, policies and updates. The advantages of LEAF are plentiful.

Organizations expect virtualization vendors to support both disconnected and connected users with a diversity of client devices, but only one is doing it – Virtual Bridges with VERDE LEAF. VERDE LEAF provides both connected (access to remote virtual desktop sessions) and offline (virtual desktop session is locally cached and executed on the client machine) access. LEAF is a self-contained local desktop virtualization platform that is fully secure, so there is no need to worry about external endpoint security solutions. There are three versions of LEAF for specific endpoint types.

LEAF Managed Endpoint

With LEAF Managed Endpoint, mobile users have access to the exact same desktop image, whether they are connected locally or remotely via a laptop or other device. IT no longer has to manage two images, one for offline and one for standard VDI. Instead, everything is powered from the same desktop image. The user's desktop and data is automatically synced, using only the differential between the original VDI image and offline VDI image. The desktop image on the client is thus updated as soon as the user is re-connected to the network.



LEAF runs the virtual desktop in a client hypervisor running atop the hardware on "bare metal." This method eliminates the physical desktop running Windows, Linux or another operating system on the desktop. Additionally, LEAF is a self-contained local desktop virtualization platform that is fully secure, so there's no need to worry about external endpoint security solutions.

Details:

- Fully-integrated [type 1 client hypervisor] for offline VDI users either on a laptop or portable drive with automatic bi-directional sync
- Support for USB peripherals for online, offline and branch VDI



users

- Gold Master Image model updated on the central server and automatically reflected in the user's LEAF environment
- Centralized management through LEAF, providing disconnected/local execution for mobile and offline users

LEAF Legacy Endpoint

VERDE Legacy Endpoint is installed locally on a client machine that supports connecting to a VDI session. It is used to repurpose legacy client hardware as a VDI access device for end users.

Details:

- Full Linux-based OS installation that eliminates aging and vulnerable legacy Windows versions
- No Type-1 Hypervisor required
- 32-bit hardware with 1GB of RAM recommended
- Full-time network connection required (online VDI only)

LEAF Zero Endpoint

VERDE Zero Endpoint is a No Install option for PXE capable hardware. The client devices are simply configured to boot to the network and VERDE Zero Endpoint is booted from the server to enable users to access their VDI sessions.

Details:

- Flexible, 32-bit no-install solution for ultra-low-touch VDI deployments
- PXE capable hardware required
- Full-time network connection required (online VDI only)

Summary

Virtual Bridges VERDE is the only desktop management solution to offer VDI Gen2, featuring integrated and offline VDI from a single management console. With LEAF, a number of Endpoint and offline use cases can be supported for Enterprise deployments.

Supported LEAF modes and requirements include:

	Managed EP	Zero EP	Legacy EP
Type-1 Hypervisor	Required	NA	NA
Disk Install	Required	NA	Required
Offline VDI	Yes	No	No
Online VDI	Yes	Yes	Yes
Run from USB Thumb Drive	No	No	Yes
Run from Portable USB HD	Yes	No	Yes
Run from Network	No	Yes	No
64-bit processor required	Yes	No	No
VT / AMD-V required	Yes	No	No

About Virtual Bridges

Virtual Bridges VERDE is the industry's most comprehensive desktop management and provisioning solution that leverages virtualization to deliver virtual desktops either on-premises or in the cloud. The VERDE solution lets enterprises transform their desktop TCO by simplifying desktop management, improving security and compliance by centralizing the administration of desktop images and data, and increasing the organizational agility by quickly providing desktop and application access to users on any client machine (PC, Macintosh, Linux, thin client, home computer or tablet) at any time.

For more info visit: <http://www.vbridges.com>

Server System Requirements

Standalone or Cluster, in Data Center or Cloud Branch

- 64-bit Intel Xeon or AMD Opteron processor(s) with Intel VT or AMD-V
- 4GB RAM minimum
- 100GB local storage minimum, plus access to shared storage if clustered
- 1Gbps Ethernet port minimum
- Ubuntu Linux Server 10.04, Red Hat Enterprise Linux 6, or SUSE Linux Enterprise Server 11
- Actual CPU core, memory, and disk capacity depends on concurrent virtual desktop deployment size.

VERDE LEAF Requirements

Managed Local Process and Disconnected Use

- Managed Endpoint: 4GB RAM, 60GB local storage recommended, 64-bit processor with Intel VT / AMD-V
- Legacy Endpoint - 1GB RAM, 8GB storage
- Zero Endpoint -1GB RAM, 8GB storage on PXE server
- Ethernet or wireless networking

Actual CPU power, memory, and disk capacity depends on type and size of virtual desktop(s) to run on client. Minimum requirements are okay if LEAF is used for VDI access only.

Supported Virtual Desktops

Supporting Virtually All Desktop Applications

- Windows XP or 7
- 32 or 64-bit Red Hat Enterprise Linux 5.4, 5.5 or 6 (or Cent OS)
- 32 or 64-bit Ubuntu Desktop 11.04 (10.04 32-bit)
- 32 or 64-bit SUSE Enterprise Linux Desktop (SLED) 11