



IBM Virtual Desktop for Smart Business V6.0 with VERDE from Virtual Bridges offers the ability to use virtual desktops

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At a glance

IBM® Virtual Desktop for Smart Business V6.0, including Virtual Enterprise Remote Desktop Environment (VERDE) from Virtual Bridges, offers availability to personal PC desktops anywhere, anyhow, and includes the capabilities to:

- Rapidly install and deploy Windows™ and Linux™ virtual desktops on a single server with the option to expand as required
- Access the desktop image from a variety of end-user devices such as Apple iPad, thin clients, old desktops, Netbooks, and laptops
- Deliver integrated offline VDI and branch VDI to remote users
- Easily configure and manage the virtual desktop environment
- Back up and recover virtual desktops easily and seamlessly

V6.0 adds new generation 2 VDI capabilities for more effective integration, increased manageability, better storage optimization, enhanced disaster recovery, and improved end-user experience, mobility, and security.

To order, contact your IBM representative, an IBM Business Partner, or the Americas Call Centers at 800-IBM-CALL.

Reference: YE001

Overview

IBM Virtual Desktop for Smart Business V6.0 with Virtual Enterprise Remote Desktop Environment (VERDE) 6 from Virtual Bridges provides second generation Virtual Desktop Infrastructure (VDI) capabilities that address the cost, complexity, and coverage challenges of first generation VDI solutions, while also providing new ways to integrate with existing customer environments. This offering allows mobile and stationary end users to access and work in virtual Windows and Linux desktop environments from a variety of end-point devices.

Additional capabilities:

- Integration: Integrated application management with application virtualization products that provide more flexibility and choice in integrating virtual desktops into the existing IT applications and infrastructure

- Manageability: Better control of desktop management infrastructure, and desktop images
- Storage optimization: Enhancements to storage optimization and cache I/O technology
- Disaster recovery: Additional capabilities in clustering and failover
- End-user experience: Single sign-on and wider choice of desktop types provides more flexibility and choice to end users

IBM Virtual Desktop for Smart Business V6.0 brings new life to virtual desktop infrastructure to improve organizational agility, lower business risks, and decrease total cost of ownership.

Key prerequisites

Refer to the [Hardware requirements](#) section for details.

Planned availability date

November 22, 2011: Electronic availability

December 9, 2011: Media availability

Description

IBM Virtual Desktop for Smart Business V6.0 with Virtual Enterprise Remote Desktop Environment (VERDE) from Virtual Bridges allows you to more effectively manage your virtual desktop environment, while providing more choice and flexibility to end users.

Key feature enhancements

- Integration: Integrated application management streamlines the deployment of applications inside the Gold Master (packaging of desktop operating system and applications) with unified policy management and improves overall manageability. It works with application virtualization products such as App-V, ThinApp, Spoon Studio/ZenWorks, Cameyo, and InstallFree.
- Manageability:
 - Desktop management infrastructure that integrates PC Life Cycle Management (PCLM) policy and patch management into the virtual desktop. This includes integration with the IBM PCLM solution, Tivoli® Endpoint Manager built on BigFix technology, to ensure consistent policy across both physical and virtual desktops. VERDE is also now a management component within BigFix and other PCLM vendor frameworks, including Novell ZCM (ZENworks management), Microsoft™ Systems Center Configuration Manager (SCCM) and more. The result is smarter, faster endpoint management that also reduces risk and complexity.
 - More flexible architecture with (a) ability to control what images get synced to what branches and (b) persistent virtual MAC addresses (vMACs) for virtual desktops.
 - Appliance capabilities with emphasis on ease of use, install, and deploy that replaces the functionality provided by Foundation for Smart Business software.
- Storage optimization: Enhancements to storage optimizer cache I/O technology including Read IOP storage optimization and using Storage Optimizer for cached Gold Images on the Direct Attached Storage (DAS) that significantly reduces storage costs by an order of magnitude and significantly reduces traffic over Storage Area Networks. This reduces the number of Input and Output Operations Per Second (IOPS) required, the single most important metric in VDI desktop

- performance. Additionally, Copy-on-Write and Copy-on-Read features reduce external storage requirements by using local disks.
- Disaster recovery: Clustering enhancements with native and automated cluster master failover, cluster-wide licensing, and unattended cluster-wide install and upgrade eliminates the need for third-party tools and improves disaster recovery. It increases high availability with automatic Cluster Master failover in less than two minutes for any candidate without manual intervention and improves manageability by simplifying installation updates that eliminates the need for third-party tools.
 - End-user experience, mobility, and security
 - Simple Protocol for Independent Computing Environments (SPICE) Single Sign-On for Windows guests (XP and 7). SPICE support includes Win 7 32 bit and 64 bit, Red Hat Enterprise Linux (RHEL)/CentOS 6 32 bit and 64 bit, Fedora 14 32 bit and 64 bit, Ubuntu 11.04 32 bit and 64 bit, and SUSE Linux Enterprise Desktop (SLED) 11 32 bit and 64 bit improves end-user experience and productivity.
 - More choice of desktop types provides more flexibility and choice to end users.
 - Standard VERDE dynamic desktop (normal life) continues to deliver robust user experience for productivity and power users who do not need to install their own images, but expect to have persistence for personal settings and documents.
 - Long-life dynamic desktop (persists between Gold Image updates) improves security of the virtual desktop for VERDE LEAF users, such as traveling sales executives, who sporadically connect to the corporate network but often use public networks in airports or coffee shops.
 - Support for static desktops - provides greater control for fully persistent users, such as developers or engineers, who needs to manage their own applications.
 - Support for non-persistent user profile non-persistent pools provides ease of use without the need for customization for those who do not need to persist user data, such as workers at call centers or kiosks.
 - Live Environment Access Format (LEAF) enhancements
 - LEAF Managed Endpoint, LEAF Zero Endpoint and LEAF Legacy Endpoint
 - LEAF Managed Endpoint - client-side hypervisor technology that allows users to run their virtual desktops locally on their laptop or desktop or from an external portable drive. One of the main advantages of the Managed Endpoint solution is its use of the same centralized Gold Image model. In other words, if the user's Gold Master is updated on the central server, the same updates are automatically reflected in the user's LEAF Managed Endpoint environment when they are connected to the central server (post synchronization). In addition, LEAF Managed Endpoint includes bi-directional data sync for user's documents to the central VERDE server. This allows users to seamlessly switch between VDI and offline use while maintaining the same desktop experience - allowing for seamless mobility and disaster recovery - core requirements for many customers.
 - LEAF Legacy Endpoint - client-side technology that allows administrators to repurpose older PCs to enable access to VDI sessions. One of the main advantages of the Legacy Endpoint solution is its seamless ability to connect to VERDE VDI sessions, and is included as a component of LEAF for no addition cost. LEAF Legacy Endpoint also supports running from a USB Thumb Drive or a portable hard drive providing additional deployment options for administrators.
 - LEAF Zero Endpoint - server-side technology utilizing an existing PC's Preboot Execution Environment (PXE), LEAF Zero Endpoint enables a client device to boot directly to the user's VERDE VDI environment without installing any software on the client access device. For low-touch deployments of dedicated, older PCs with PXE support, the Zero Endpoint offers a compelling deployment mode for administrators.
 - Bootstrapping LEAF images from USB and DVD.
 - 32-bit USB redirection for LEAF VDI.

- Support for Common Access Card (CAC) Smart Card

Other core capabilities include online, offline and branch VDI, a Gold Master provisioning model, a Distributed Connection brokering architecture, flexibility to run both Windows and Linux desktops, branch-level VDI at LAN speeds, the ability to span both on-premises and hosted deployment modes, and desktop portability on a USB stick.

Availability of national languages

Product description	Language	GA date
Virtual Desktop for SmartBiz v6.0.0	Multilingual (French, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, English, Italian)	December 9, 2011

Program number

Program number	VRM	Program name
5725-F85	6.0.0	IBM Virtual Desktop for Smart Business

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

Publications

No publications are shipped with this product.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

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Technical information

Specified operating environment

Hardware requirements

Visit

<http://www.ibm.com/smarterplanet/us/en/smartbusiness/virtualdesktop/index.html>

Software requirements

None.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

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Packaging

IBM Virtual Desktop for Smart Business will be distributed via a media package and electronic software distribution (ESD).

IBM Virtual Desktop for Smart Business media package is distributed in one package with the following:

- IBM Virtual Desktop for Smart Business product CDs.
- Soft copy product documentation including readme files are included on the product CDs.
- The License Information form number for IBM Virtual Desktop for Smart Business is L-ASAS-8N2LYB.

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product information

Licensed function title	Product group	Product category
IBM Virtual Desktop for Smart Business	IBM Foundation for Smart Business	IBM Virtual Desktop for Smart Business
Program name	PID number	Charge unit description
IBM Virtual Desktop for Smart Business	5725-F85	Per Concurrent User

Charge metrics definitions

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Passport Advantage program licenses

IBM Virtual Desktop for Smart Business

Part description	Part number
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Virtual Desktop for SmartBiz Per Concurrent User Initl FT Lic+S&S 12 Mo	D0NK1LL
Virtual Desktop for SmartBiz Per Concurrent User Lic + SW S&S 12 Mo	D0NK2LL
Virtual Desktop for SmartBiz Per Concurrent User SW S&S Reinstate 12 Mo	D0NK3LL
Virtual Desktop for SmartBiz Per Concurrent User Subsq FT Lic+S&S 12 Mo	E0DEFLL

Passport Advantage supply

Program name/description	Part number
Virtual Desktop for SmartBiz V6.0.0 Virtual Desktop for SmartBiz Ubuntu, Red Hat Enterprise Linux (RHEL) base s	AH16BML

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

Virtual Desktop for SmartBiz V6.0.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Virtual Desktop for Smart Business per	Virtual Desktop for SmartBiz Ubuntu, Red Hat	AH16BML

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License Information form number

Program name	Program number	Form number
IBM Virtual Desktop for Smart Business	5725-F85	L-ASAS-8N2LYB

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

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Limited warranty

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No

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Usage restriction

Yes.

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System i Software Maintenance applies

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Educational allowance available

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