When it comes to reducing your desktop complexity, the process can actually be quite complex. That's why we offer you more than just products. We offer you the people and the plan to turn them into real solutions. The breadth and depth of our product and service offerings are extensive. And with decades of experience, our solution architects can help you develop a virtualization strategy that's both manageable and practical. It's more than just boxes. It's desktop virtualization. Solved.

To learn more about how we've solved it before, or to speak with a solution architect about technologies for your business, contact your CDW account manager or call 800.800.4239 or, visit CDW.com/clientvirtualization
Your office revolves around the data center. Unfortunately, that’s only in the figurative sense. IT staff must go from desk to desk to maintain end-user devices — refreshing, updating, provisioning and patching them one by one. In an office of hundreds of machines, this doesn’t just drain time and money. Security and compliance can fall through the cracks as well.

Desktop virtualization, or client virtualization, puts your users’ devices at your fingertips. It consolidates their applications, files, processes and settings in the data center. So rather than manage endpoints individually, your staff can manage them all at once from a centralized location. This simplifies IT administration and gives your staff the ability to enhance security, ensure user access and realize cost savings.

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THE VIRTUES OF VIRTUALIZATION

Desktop virtualization has become a top IT initiative. And it’s no wonder. This virtual solution has some very real benefits.

The concept that revolutionized the server room has extended its influence to the rest of the office. From PCs and notebooks to tablets and mobile devices, desktop virtualization centralizes the management of all end-user devices onto a single host system in the data center. Discover the four key benefits.

IMPROVE SECURITY

IT can better ensure security across all devices, thus reducing the potential for gaps. And since all user data is isolated in the data center, admins can prevent it from leaving the system.

REDUCE COSTS

Save money by reducing support costs, delaying refresh cycles and avoiding license overdeployment. And with thin clients, you can lower energy costs, too.

SIMPLIFY MANAGEMENT

IT staff saves time by maintaining all desktops from a single location. This also helps IT keep better track of regulatory compliance and licensing.

ENHANCE USER ACCESS

Mobile users can enjoy secure remote access to virtual desktops anytime, anywhere. Disaster recovery also improves, as a virtual machine is easier to restore than a PC.

20% savings on IT budgets, as reported by businesses that have implemented desktop virtualization and are tracking ROI.¹
ONE SIZE DOES NOT FIT ALL.

No single desktop virtualization solution is right for everyone. But by evaluating your needs, environment and future goals, CDW can help you determine which type of virtualization makes the most sense for you. Different desktop virtualization suppliers offer different capabilities, but there are four general categories.

<table>
<thead>
<tr>
<th>01</th>
<th>HOSTED DESKTOP VIRTUALIZATION</th>
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<tbody>
<tr>
<td></td>
<td>Also called server-based computing, this type of virtualization sends all data and processing functions to the data center, leaving end-users with a monitor and keyboard — but no PC.</td>
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<thead>
<tr>
<th>02</th>
<th>VIRTUAL DESKTOP STREAMING</th>
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<tr>
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<td>In this model, entire end-user desktop environments are hosted on the server. However, all processing takes place on users' PCs. Information is only streamed to the PC as needed.</td>
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<tr>
<th>03</th>
<th>VIRTUAL APPLICATION STREAMING</th>
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<td>Stores full applications in the data center. User PCs only retain part of an application code, which means they must connect to the host machine in order to receive the remaining data.</td>
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<th>04</th>
<th>LOCAL DESKTOP VIRTUALIZATION</th>
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<tr>
<td></td>
<td>Runs multiple virtual desktops on a single PC. Each virtual desktop operates independently and can run multiple applications — or even operating systems — without conflict.</td>
</tr>
</tbody>
</table>

Up to 500 virtual desktops can be stored on a single physical server using Citrix XenDesktop’s server-based computing models.²
THE TROUBLE WITH IMPLEMENTATION

More and more, businesses are heading down the road of desktop virtualization. Without proper planning, however, it could make for a bumpy ride.

Deskto...
FEATURED OFFERING:
DESKTOP VIRTUALIZATION SERVICES

We offer a variety of services to support you from start to finish.

Jump-start Services: Just give us a call, and in five days or less, we can provide your company with onsite training and basic implementation to help get your virtualization project started.

Plan/Design and Upgrade Workshops: These 2- to 12-week customized classes cover detailed design, build, and rollout planning and documentation.

Health Checks: For environments with existing virtualization systems, we can find bottlenecks and then recommend solutions for remediation based on established best practices.

Custom Implementation: Not only do we offer custom implementation support for any type of virtualization project, we can also manage it from design to deployment.

Now is the time to virtualize: As your business prepares to make the switch to Windows 7, consider virtualizing at the same time. Desktop virtualization can make your migration faster and easier while minimizing disruption.

WHY PEOPLE WHO GET IT NEED PEOPLE WHO GET IT.

When it comes to reducing your desktop complexity, the process can actually be quite complex. That’s why we offer you more than just products. We offer you the people and the plan to turn them into real solutions. The breadth and depth of our product and service offerings are extensive. And with decades of experience, our solution architects can help you develop a virtualization strategy that’s both manageable and practical. It’s more than just boxes. It’s desktop virtualization. Solved.

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Or, visit CDW.com/clientvirtualization

The People
Your dedicated CDW account manager is backed by a team of virtualization experts with a host of certifications.

The Products
Our wide-ranging partnerships give you access to thousands of technology products in almost every area, including security, business continuity, unified communications, virtualization and more.

The Plan
CDW offers a variety of services that make the most of your investment and make your job easier.
The Services

Now is the time to virtualize:
As your business prepares to make the switch to Windows 7, consider virtualizing at the same time. Desktop virtualization can make your migration faster and easier while minimizing disruption.

FEATURED PARTNERS

Winner of the InfoWorld 2010 Technology of the Year Award
Citrix helps businesses build simpler, more cost-effective IT environments through virtual workstyles for users and virtual data centers for IT. Citrix’s award-winning XenDesktop solution and Virtual Desktop Infrastructure (VDI) transform Windows desktops into an on-demand service that can be accessed by any user, on any device, anywhere, with unparalleled simplicity and scalability. In addition to a long-standing relationship, CDW has five Citrix-specific infrastructure optimization certifications.

Microsoft: One of the Largest Technological Corporations in the World
Microsoft desktop virtualization solutions help companies reduce their total cost of ownership, increase business agility and continuity, enable anywhere access, and improve security and compliance. Microsoft delivers desktop virtualization offerings for a wide range of situations—from always-connected workers to those requiring more flexibility such as mobile workers. CDW is a Microsoft 2009 Advanced Infrastructure Solutions, Systems Management Partner of the Year.

HP Ranks #10 on the 2010 Fortune 500
HP’s worldwide market-leading thin client solutions help you improve manageability, security and reliability to deliver real business results from your virtual computing environment. Through innovative, affordable platforms, HP offers businesses dependable value with their complete, integrated thin client solutions that are easy to deploy and manage. As an HP Elite Partner, CDW has HP-trained solution architects on staff to ensure you get the most out of your HP data center optimization solution.

Partnerships and Certifications
- Over 2000 virtualization certifications
- Citrix Certified Administrator
- Citrix Certified Enterprise Engineer
- Citrix National Partner
- Microsoft Certified Professional
- Microsoft Certified Systems Engineer
- Microsoft Gold Certified Partner
- VMware Authorized Consulting Partner
- VMware Lighthouse Partner
- VMware National Partner
- VMware Partner Technical Advisory Board Member

Awards
- Microsoft Large Account Reseller of the Year — 2010
- Microsoft Systems Management Partner of the Year, Advanced Infrastructure Solutions — 2009
- VMware Americas SMB Partner of the Year — 2010
- VMware Corporate Reseller of the Year — 2009
- VMware Advantage and Achiever Award — 2008
- Avnet HP Services Partner of the Year — 2009

To see how Citrix, Microsoft and HP can help virtualize your desktops, contact your CDW account manager or call 800.800.4239

Or, for more information, visit CDW.com/clientvirtualization