

# Deploying Windows 7 using MDT 2010 and ConfigMgr 2007 SP2

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Microsoft MVP –Setup / Deployment

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## Demo Environment

- **Hardware**
  - 8 GB RAM, 1+ TB HDD (ESATA)
- **Virtual Machines**
  - Vmware 6.5



SRV002

- Windows Server 2008 R2
- DC, DNS and DHCP
- SQL 2008 SP1
- ConfigMgr 2007 SP2 (RC)
- MDT 2010

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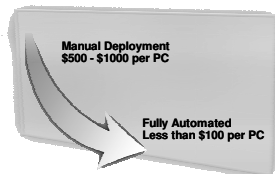
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## What is MDT 2010?

- End-to-end guidance, best practices, and tools for efficient planning, building, and deploying Windows and Microsoft Office
- Based on real-world experience and industry best practices
- Increase automation
- Decrease costs



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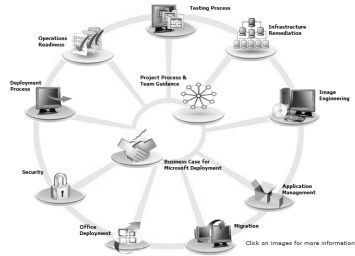
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## It's a Solution Accelerator

- Address product integration and gaps
- Engineered, tested, and validated
- Supported




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## MDT 2010 – High Level

Microsoft Deployment Toolkit

Lite Touch

Zero Touch  
with ConfigMgr 2007

- Aligns with ConfigMgr
- Simple upgrade from BDD / MDT
- Evolutionary refinements
- Client and Server support

- Fully integrated experience
- Single console
- Client and Server support
- Extends and enhances

Leverages core deployment tools

Provides process and tool guidance

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## LTI System Requirements

- XP/Vista/W7/2003/2008/2008R2
  - WAIK 2.0
  - MDT 2010

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## WAIK 2.0 – New Tools

- **Deployment Image and Servicing and Management Tool (DISM)**
  - Replaces PKGMGR, PEIMG, INTLCFG
  - Adds new offline servicing capabilities
- **BCDBOOT**
  - Configures the boot environment

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## WAIK 2.0 – Updated Tools

- **ImageX, WIM Filter Driver**
  - New Mount Process
- **Windows PE 3.0**
  - New Component Structure
  - Uses DISM for Servicing
- **USMT 4.0**
  - Hard links
  - Offline Migration Support
  - VSC

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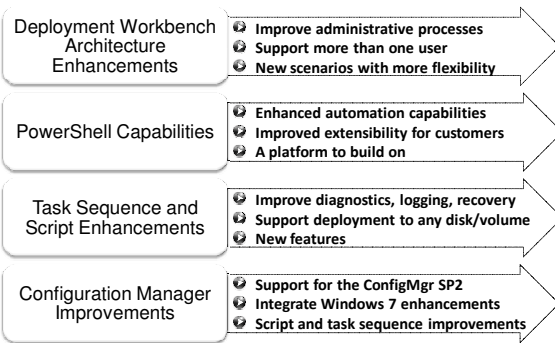
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## MDT 2010 Focus Areas



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**MDT 2010 Lite Touch  
DEMO**

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**MDT 2010 ConfigMgr Values**

- **Top three reasons:**
  - **Rules engine to set variables from databases, web services, etc.**
  - **Dynamic Application Installation**
  - **Additional Deployment Database**

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**MDT 2010 ConfigMgr Values**

- **Also quite useful reasons:**
  - **Wizard to create all needed packages**
  - **Install Packages offline**
    - **Language Packs, Software Updates**
  - **New Task sequence templates**
  - **Install and OS roles and features**
  - **Optional Full Backup**
  - **Gathering process**
    - **Set various variables based from the machine**
  - **USMT - Determine user state location**

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## ZTI System Requirements

- **XP/Vista/2003/2008**
  - ConfigMgr 2007 SP1
  - WAIK 1.1
  - MDT 2010
    - Note: Separate machine with MDT 2010 and WAIK 2.0 for MDT database administration
- **XP/Vista/W7/2003/2008/2008R2**
  - ConfigMgr 2007 SP2
  - WAIK 2.0
  - MDT 2010

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MDT 2010 Zero Touch  
**DEMO**

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## Resources

- [www.deployvista.com](http://www.deployvista.com)
- [www.deploymentcd.com](http://www.deploymentcd.com)
- [mdtcustomizations.codeplex.com](http://mdtcustomizations.codeplex.com)
- [blogs.technet.com/deploymentguys](http://blogs.technet.com/deploymentguys)
- [myitforum.com/cs2/blogs/jscheffmaer](http://myitforum.com/cs2/blogs/jscheffmaer)
- [blogs.technet.com/mniehaus](http://blogs.technet.com/mniehaus)
- [blogs.technet.com/msdeployment](http://blogs.technet.com/msdeployment)

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