

## Altiris Deployment Solution 6.9 Workshop

The *Altiris Deployment Solution Workshop* is designed for the professional tasked with installing, configuring, and managing an Altiris Deployment Solution™ System. This 5-day, instructor-led, hands-on workshop covers how Deployment Solution™ can simplify routine tasks of setting up new computers, migrating computers to new operating systems or hardware. Attendees will also learn how to install, configure, and use Deployment Solution™ to perform these types of tasks remotely from an easy-to use console, saving them time and their enterprise money.

### Delivery Method

Instructor-led workshop, onsite using customer equipment

### Duration

5 days

### Objectives

By the end of this workshop, you should be able to:

- Install and configure Deployment Solution 6.9 sp1.
- Create, edit and deploy images without visiting each computer using RDeploy®, Ghost® and create and deploy using ImageX®
- Migrating computer personalities (user files and settings) using PC Transplant®.
- Installing and the Altiris Deployment System Agents.
- Installing and configuring Altiris automation to support the Deployment System, which includes installing PXE and Embedded Automation using WinPE, Linux, and DOS as automation operating systems.
- Use remote control, chat, and Remote Desktop features.
- Installing Software Virtualization Solution™, and deploying and managing software applications using layers.
- Performing scripted Windows NT based operating system installations.
- Set up and maintain Deployment System security.
- Understand and use Altiris tokens to enhance and simplify computer management tasks.
- Use Wise Packager to create software installation packages and deploy them using the Deployment Console.

### Who Should Attend

This course is designed for anyone who will be installing, configuring, managing and administering a Deployment Solution system.

### Prerequisites

You should have a basic understanding and working knowledge of Microsoft® Windows 2000, XP and 2003 or similar; be familiar with network concepts including LANs, network adapter cards, drivers and network operating systems; be familiar with hardware components such as hubs, switches and routers.

### Logistics

This workshop is delivered on-site at the customers' location using customer supplied equipment and software. Attendees will receive slide handouts as presented during the training.

Details of workshop hardware and software requirements will be provided. Full provision of the classroom environment can be supplied at additional cost with quotations available upon request.

### Using Deployment Console Filters

- About console filters
- Creating and using filters

### Adding Computers to a Deployment System

- Adding computers to the database – Predefined
- Adding computers to the database – Initial Deployment Job

### The Deployment Web Console

- About Deployment Web Console
- Deployment Web Console components
- Deployment Web Console basic tasks
- Managing multiple Deployment Systems
- Deployment Web Console options

### Configuring Deployment Console Security

- About Console security
- Setting up access using users/groups
- Assigning rights
- Assigning permissions
- Permission rules
- Evaluating rights

### Deployment Solution Program Options

- Program options

### Overview Managing VMware VirtualCenters

- Managing a VMware VirtualCenter
- Managing ESX Virtual Servers
- VMware sample jobs

### Introduction to the Deployment System Agents

- About the Deployment System agents
- Agent AClient features

### Deployment System Agent Settings

- Windows and Linux Agent settings
- Agent Server connection options
- Agent access options
- Agent security options
- Agent log files options
- Agent proxy options
- Agent startup/shutdown options
- Installing AClient from a Deployment Console
- Installing AClient from a target computer
- Automating the AClient installation
- Using the AClient template file
- Forcing Deployment System agent settings on new computers

### AClient Desktop Icon Options

- AClient desktop icon options

### Key-based authentication

- About AClient key-based authentication
- Enabling key-based authentication
- Backup and restoration of the Server security key
- Deployment Server configuration settings

### Deployment System Agent

- Installing the Deployment Agent for Vista/2008—DAgent
- Configuring DAgent on Vista computers
- Using the Service Control tab for Vista

### Deployment System Agent for Linux

- Installing the Deployment Agent for Linux
- Configuring the ADLagent
- ADLagent agent options
- Troubleshooting ADLagent

### Creating Computer Image Files

- About computer image files
- Creating a job to capture an image of a computer
- Creating run script tasks

### The Altiris ImageExplorer/Ghost Explorer

- Viewing image and volume information
- Manipulating folders and files
- Changing configuration settings
- Creating self-extracting image files
- Converting old image files
- Splitting images

### Deploying Images

- Deploying computer image files—basics
- Unicast and multicast imaging
- Multicast in-depth
- Multiple IP multicast address sets
- Creating a job to deploy images
- Image deployment methods

### Altiris Tokens and Token Replacement

- About altiris tokens
- Using token replacement
- Creating a Token Replacement Deployment job
- Custom tokens

### SID Management with Sysprep

- Microsoft Security Identifiers—SIDs overview
- Configuring Sysprep

### Installing and Configuring Windows

- Windows scripted installations
- Creating a scripted install job

### Hardware Independent Imaging Preparation and Capture

- Hardware independence needs
- Collecting drivers and HALs
- Locating HALs and kernel files for Windows
- Preparing device drivers registry path
- Working with mass storage devices
- Creating a hardware independent image

### Deploying Hardware Independent Images

- Deploying hardware independent images
- Deploying drivers and HALs
- Using FIRM injection

### SetupCapture

- About repackaging and MSI technology
- About SetupCapture
- Using SetupCapture

### Wise MSI Editor and Deploying MSI Packages

- Using the Wise MSI Editor
- General editing needs
- Editing feature details
- Editing target system pages
- Editing package options
- Editing user interface options
- About transforms
- Deploying .MSI packages
- Repairing or uninstalling MSIs

### Managing SVS Layers

- Software Virtualization Solution overview
- SVS benefits
- SVS and Deployment Solution
- SVS trinket

### Capturing a Computer's Personality

- About personality packages
- Capturing a personality with a custom job
- Capturing a personality using the New Job wizard

### Building Template Files

- About templates
- Starting the Template Builder
- User capture options
- PC Transplant settings
- Filters
- Prioritise rules
- Priority definitions
- Prioritising steps
- Advanced options
- Capture options
- Deploy options
- Saving the new template
- Using templates with Deployment jobs

### Editing and Deploying PC Transplant Packages

- Editing personality packages
- Changing PC Transplant package options
- Deploying PC Transplant packages

