



maximum distributor



user guide

MAXD

User's Manual

Welcome to MAXD! This User Guide provides detailed instructions to get started using the Maximum Distributor software and to make the most of this valuable software package.

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2 About This Manual

Welcome to MAXD! This User's Manual provides detailed instructions to get started using the Maximum Distributor (MAXD) software and to make the most of this valuable software package. This manual is organized parallel to MAXD Console menu items so that you can easily find your information. The various menu items are presented in individual chapters.

2.1 Chapter Summary

- **Overview** — This chapter gives a brief summary of MAXD software and its capabilities.
- **Computers** — This chapter describes how to view a summary of all computers registered to a specific server, organized by platform, as well as how to view software and hardware assets.
- **Computer Groups** — This chapter discusses how to view, create, rename, remove a Computer Group, or assign a computer to a group.
- **MAXD Policy** — In this chapter you will learn how to create, edit, rename, copy, deliver, delete, or remove a policy.
- **MAXD Policy Groups** — This chapter shows how to create, deliver, copy, edit, rename, and remove a policy. The chapter also describes how to copy a policy to a policy group or remove one from the group.
- **OS Patches** — Here you will learn how download and use OS Patches, tag PCs for OS updates, disabling a patch, removing an OS Patch policy, and installing an OS Patch Service Pack.
- **Software Black List** — This chapter provides information on creating a software blacklist policy, editing a policy, adding a computer to the Black list, removing the policy, or removing blacklisted computers.
- **Vendor Updates** — Included in this chapter are to scheduling an automatic download of application updates, editing, or removing vendor update policies.
- **MAXD Packager** — This chapter describes how to install and use the MAXD Packager.
- **Managing Mobile Computers** — This chapter shows you how to view the summary of all mobile computers by platform, and manage these computers remotely.
- **Creating a Software License Group** — This chapter gives you steps to create software license groups within your organization.
- **Glossary of Terms** — All the terminologies used throughout the manual are provided in this chapter.

3 Overview

Maximum Distributor, or MAXD, enables remote deployment and management of software across an entire enterprise, whether that enterprise is a local small business or a distributed organization with thousands of users. Using MAXD, customers can install pre-configured software packages to diverse computing systems in multiple locations.

A cutting edge IT management solution, MAXD specializes in asset management, asset reporting, software license tracking, software blacklisting, patch management, software packaging and deployment as well as document packaging and deployment. MAXD is a unified solution that will help you enforce computing standards and reduce time managing IT assets in your organization.

Asset Management Reporting

MAXD can scan and audit your environment to provide you with detailed asset inventory reports on the software applications and computer hardware within your organization. This accurate asset data allows you to be proactive in managing hardware and software assets, as well as audits more efficiently and quickly.

Software License Tracking

MAXD's software license tracking will allow you to track and optimize your software license acquisition and maintenance expenditures, as well as reduce your risk of copyright infringement.

Software Blacklisting

MAXD's software blacklisting feature will uninstall any unauthorized software and continue to uninstall them automatically, allowing for greater control and security within your organization's networks.

Software / Document Packaging & Deployment

MAXD's packaging and deployment feature works easily to package and deploy any application or documents faster, without draining your network bandwidth. MAXD's deployment works across a LAN or WAN, and even to remote laptops and computers connected over the internet.

Patch Management

MAXD can manage patches and software updates by automating the collection, analysis, and delivery of patches across your organization. MAXD discovers installed software and current patch levels, including missing patches. MAXD's patch manager will help you significantly decrease the costs involved in delivering patches throughout your network.

4 Computers

MAXD allows you to view a summary of all computers registered to a specific server, organized by platform.

4.1 Computer Summary

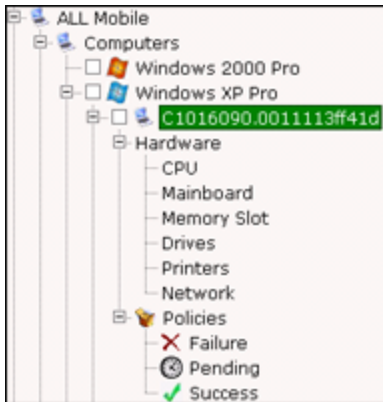
To view the Computer Summary for a given central/site server:

1. On the left pane of MAXD Console, under the desired server, click on "Computers." You will see a number of computers categorized by platform.
2. You can either click on your desired platform there, or choose from the right pane (shown below).

| ws2k3_maxdtrn (Central) | | |
|-------------------------|--------------------------|-------|
| 4 Policies Pending | | |
| | Platform | Count |
| + | Windows 2000 Pro | 1 |
| + | Windows XP Pro | 183 |
| + | Windows 2000 Server | 0 |
| ▶ - | Windows 2003 Server | 3 |
| | - Child: 3 Items | |
| | Computer | |
| | DESTINY.000c299c5422 | |
| | SCUTILITY.000c29df2bc0 | |
| | WS2K3_MAXDTRN.000c29d788 | |
| Total: | | 187 |

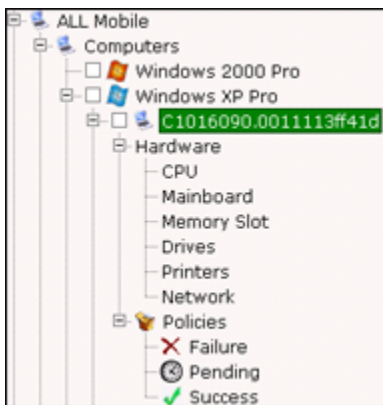
4.2 Viewing computer-specific hardware

For a specific computer, you can get information about its hardware components, such as CPU, mainboard, memory slot, etc. Just click on each component on the left column and the information will appear on the right.



4.3 Viewing computer-specific policy

MAXD allows you to view policies that are specific to a particular computer. A policy node appears right below the "Hardware" node of the computer.



Click on the "Policies" node to view all the policies that are associated with this computer (highlighted above). The information includes name, type, description, and the time of deployment.

| Status | Policy | Type | Description | Time |
|-----------|--------------------------------|---------|---|--------------------|
| Succeeded | Discovery | Install | Scans all critical OS patches and reports back to the c | 3/31/2008 10:03 PM |
| Succeeded | KB931906 | Install | Security Update for CAPICOM (KB931906) | 3/31/2008 9:53 PM |
| Succeeded | Office 2007 | Install | Office 2007 | 3/31/2008 1:09 PM |
| Succeeded | OS Patches Installation Reboot | Install | Disables automatic reboot that occurs after OS Patche | 3/31/2008 9:53 PM |
| Succeeded | Start Patch Scan | Install | Initiates Patch Scan. | 3/31/2008 9:45 PM |
| Succeeded | Windows Update Scan 03-25-2008 | Install | Windows Update Scan | 3/31/2008 9:42 PM |

4.4 Using the Command Menu

There are three levels of command menu in the "Computers" category: category level, platform level and individual computer level.

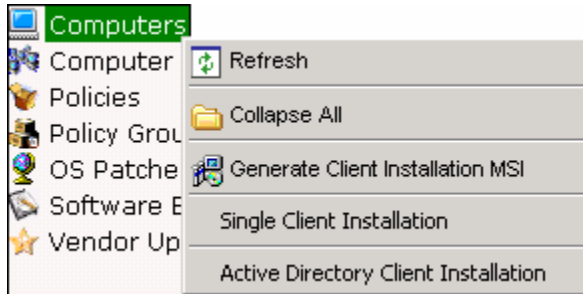
Note: When using each item listed for the command menu, select "Agent Activated." If you click on this item, the MAXD agent will be deactivated, and any deliveries that are in

the process on being sent will be suspended. Policy deliveries will resume when the administrator clicks on "Agent Deactivated" to reactivate it.

You can use the following menus to carry out your desired functions.

- Computer category level
- Platform level
- Individual computer level

4.4.1 Computer Category Level

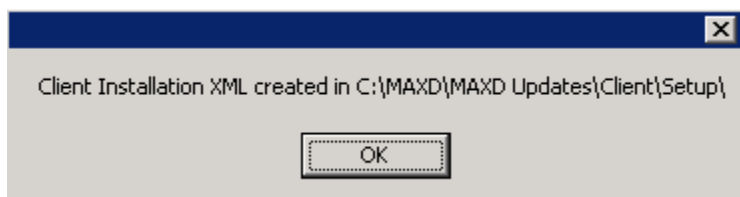


Generate Client Installation MSI – Fill in the information in the form that appears and click "OK" to carry out this function. The Generate Client Installation MSI dialog box allows you to create a MSI package configured to the specified central server.

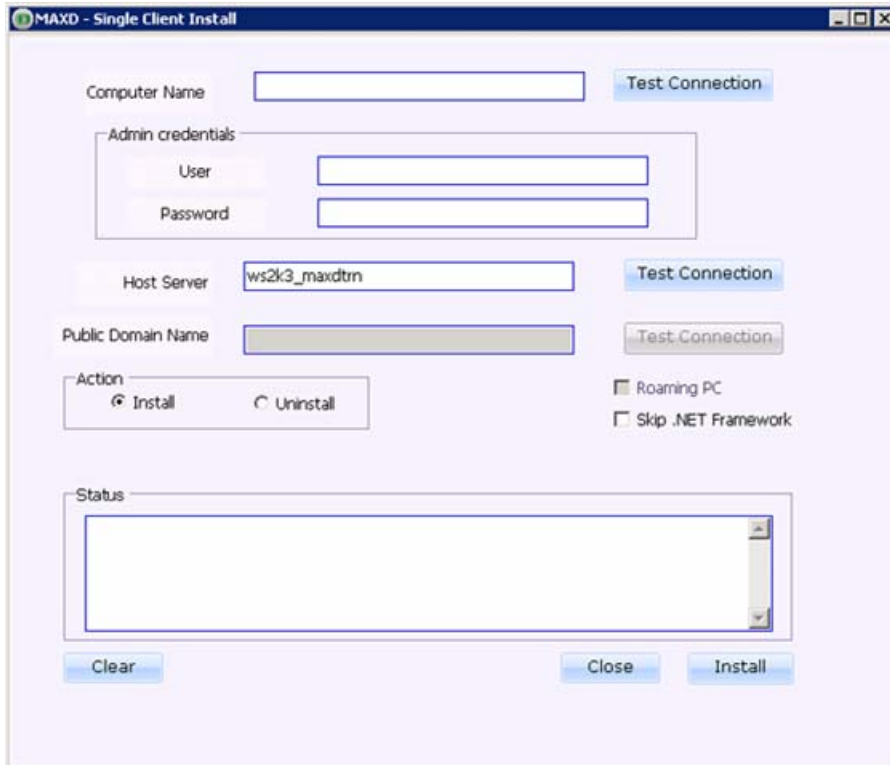
You can then copy the MSI package to a CD, USB storage device, or to a shared network, and manually install the MAXD agent on a client PC. If there is a check mark next to any of the computers in a platform, the command menu adds more options.



The dialog box is titled "MAXD - Generate Client Installation MSI". It contains a "Computers" section with two radio buttons: "Desktop" (selected) and "Roaming PC". Below this, a text box labeled "Central Server or Site Server" contains the text "ws2k3_maxdtn", with a "Test Connection" button to its right. A note states: "Desktop computers on a LAN environment, provide its local server, DO NOT use IP address." Below this, another text box labeled "Public Domain Name" is empty, with a "Test Connection" button to its right. A note states: "Roaming computers, provide Central server qualify name, DO NOT use IP address. Fully distinguished name (i.e. centralServer.maxd.com) must be published internally and externally for roaming PCs." At the bottom, there are checkboxes for "SSL On" and "Dial-Up", and "Cancel" and "OK" buttons.



Single Client Installation – Fill in the information in the form that appears and click "Install" to perform a single client installation. The Single Client Installation dialog box allows you to remotely deploy the MAXD agent to a single PC using the credentials provided. The credentials specified must have administrator rights on the target PC for the installation to be successful.



MAXD - Single Client Install

Computer Name: Test Connection

Admin credentials:

User:

Password:

Host Server: Test Connection

Public Domain Name: Test Connection

Action:

☒ Install ☐ Uninstall

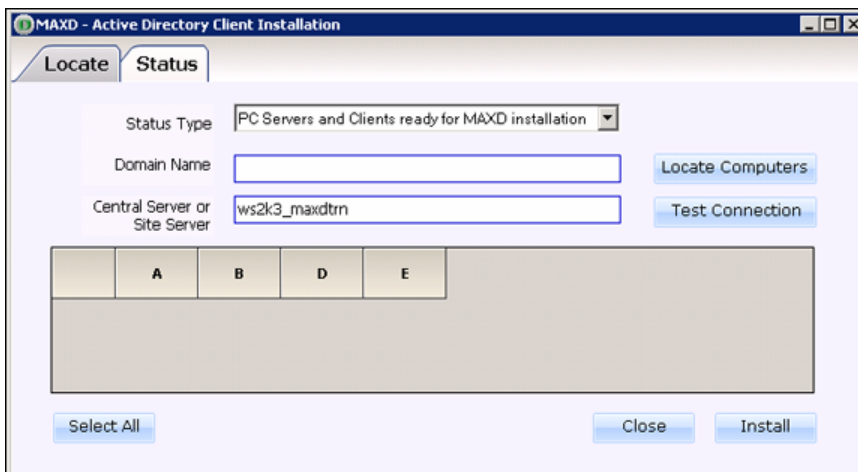
☐ Roaming PC

☐ Skip .NET Framework

Status:

Clear Close Install

Active Directory Client Installation – Fill in the information in the form that appears and click "Install" to perform this task. The Active Directory Client Installation dialog box can be used to install the MAXD agent on many PCs in your Active Directory domain at the same time. This feature is only supported if your environment uses Active Directory.



MAXD - Active Directory Client Installation

Locate Status

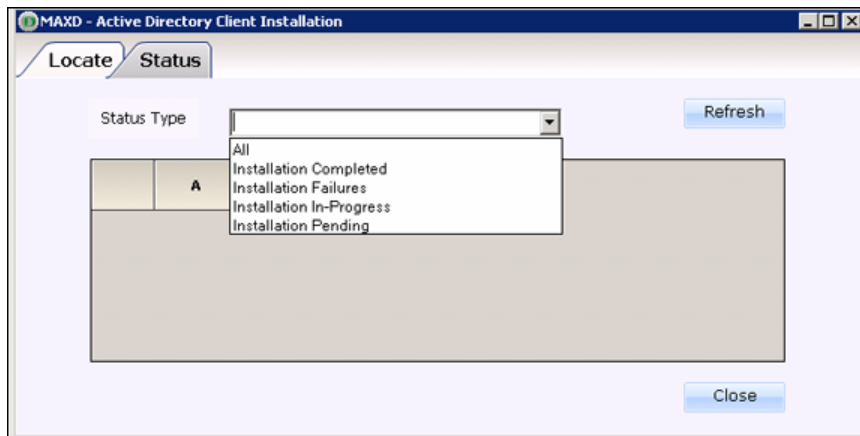
Status Type:

Domain Name: Locate Computers

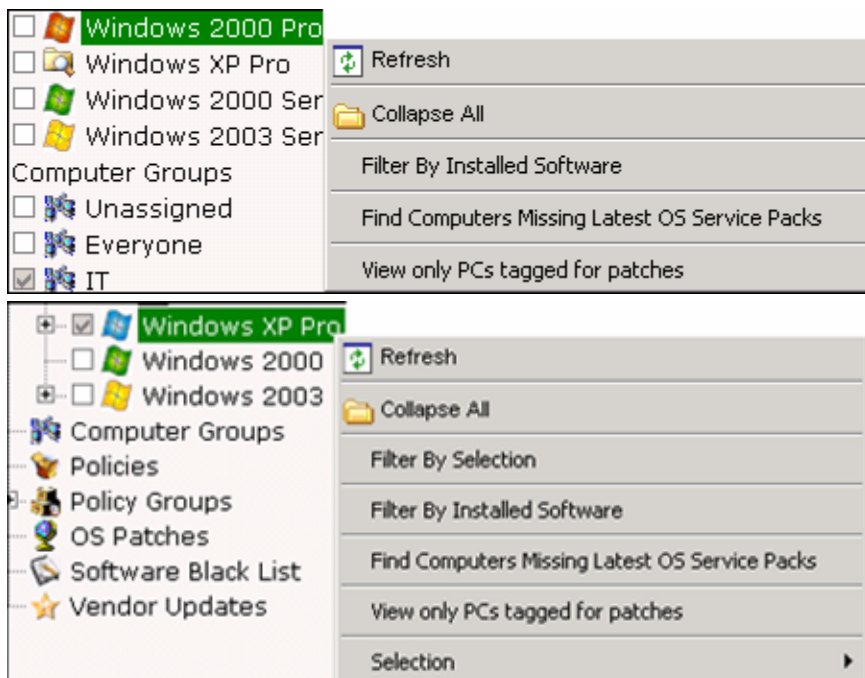
Central Server or Site Server: Test Connection

| | A | B | D | E |
|--|---|---|---|---|
| | | | | |

Select All Close Install

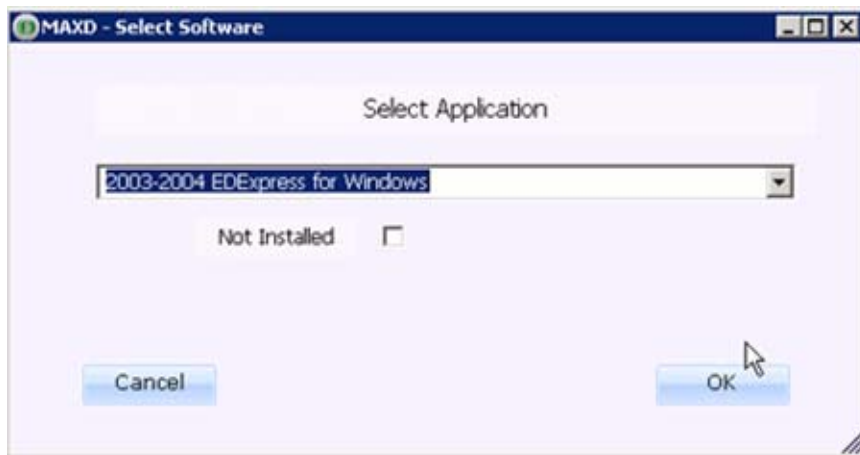


4.4.2 Platform Level



Filter By Selection – This menu option appears when there are many computers to choose from. By using this option, you can select your desired computers. All other computers are removed from the tree so that only the selected computers are in view. Right-click and choose the "Remove" filter option to remove the filter.

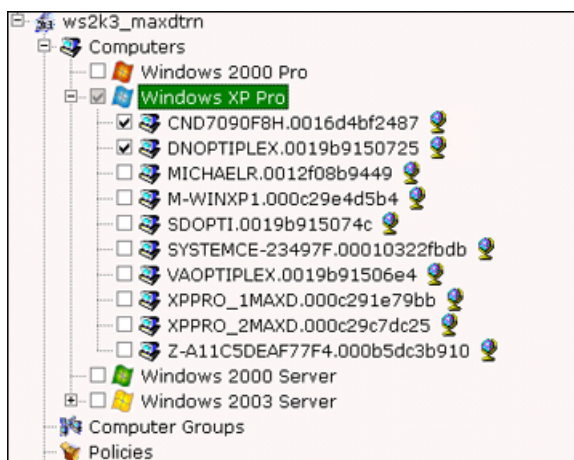
Filter By Installed Software – Select your application and click "OK." Only the computers with this application installed will still be in the tree view. Right-click and choose the "Remove" filter option to remove the filter.



This allows you to tag all of the computers currently selected on this platform to receive OS updates on a specific date and time.

Find Computers Missing Latest OS Service Packs – This will locate the computers with missing latest OS Service Packs.

View Only PCs tagged for patches – This will let you view the PCs that are tagged to receive automatic patch updates.



Selection --> OS Updates

This allows you to tag all of the computers currently selected on this platform to receive OS updates on a specific date and time.

Selection --> Application Updates (Vendor Updates)

This allows you to tag all of the computers currently selected on this platform to receive OS application updates on a specific date and time.

Selection -->MAXD Agent

This option allows you to enable or disable the MAXD Agent on all computers currently

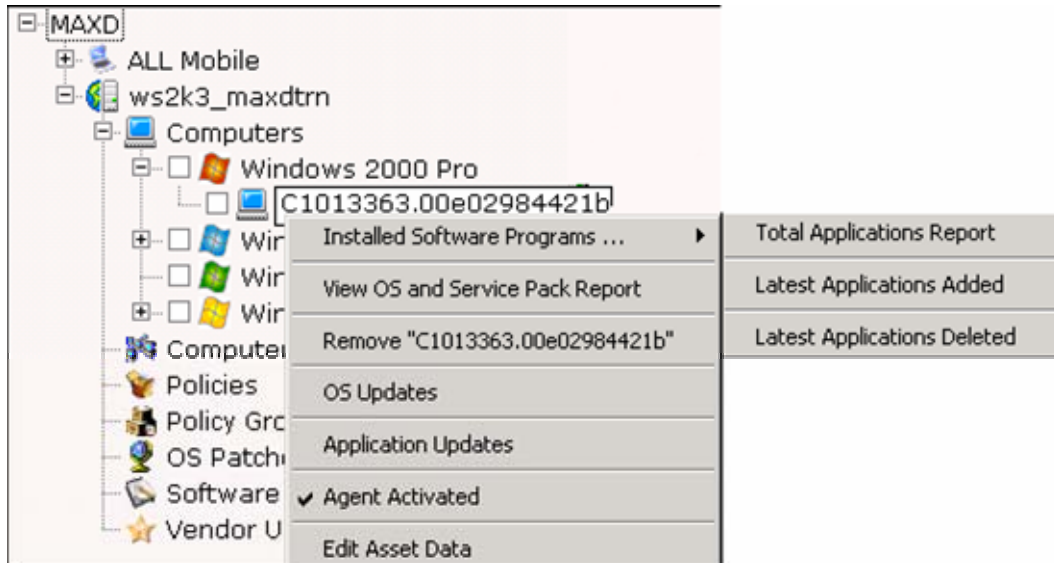
selected.

Selection -->Remove

This option allows you to remove all computers currently selected from the console.

Note: This does not disable or delete the agent from the client computers.

4.4.3 Individual Computer Level



View OS and Service Pack Report – Displays patch name, description, and the installation date.

Remove Computer Name – Removes the selected computer.

OS Updates – Lets you receive OS updates on specific date and time.

Application Updates – Lets you receive application updates on specific date and time.

Edit Asset Data – Allows you to edit a particular asset data by changing the information in the following form. Once finished, click "OK."

A screenshot of a Windows dialog box titled "MAXD - Asset Data C1013363.00e02984421b". The dialog contains several input fields and two buttons at the bottom.

| | |
|------------------|------------|
| Serial # | 11111111 |
| Purchase Date | 10/21/2005 |
| Lease Expiration | 10/21/2008 |
| Purchase Price | \$500.00 |
| Lease Terms | 36 |
| Other | John Smith |
| Cost Center | Sales |

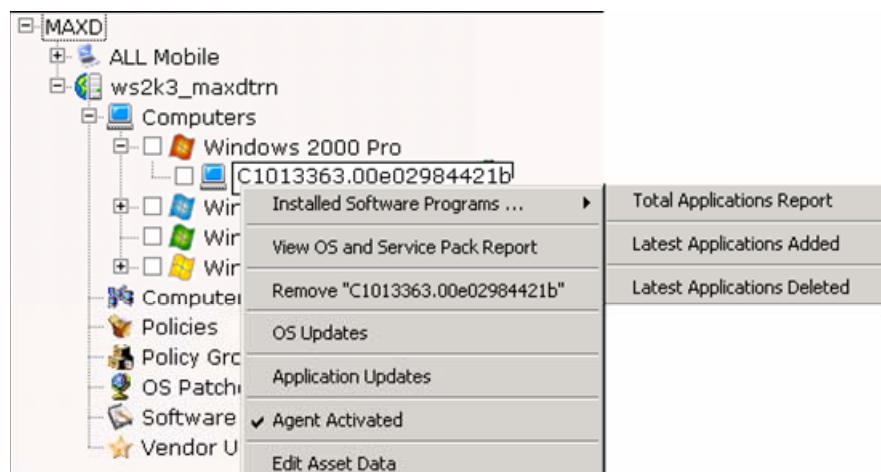
Buttons: Save, Cancel

4.5 Viewing Software Assets

The MAXD central/site server stores software asset data for each PC registered to it.

To report on the software assets in your environment:

1. On the left pane, expand the "Computers" category to display the platforms, and then expand the platform to display individual computers, as shown below.



2. Right-click on the computer name to bring up the submenus.
3. Click on "Installed Software Programs" and select your desired reports.

Installed Software Programs

- Total Applications Report – Displays the total number of software programs currently installed.
- Latest Applications Added – Lists the latest applications added since the last time the Discovery or Software Audit Policy was deployed.
- Latest Applications Deleted – Lists the latest deleted applications since the last time the Discovery or Software Audit Policy was deployed.

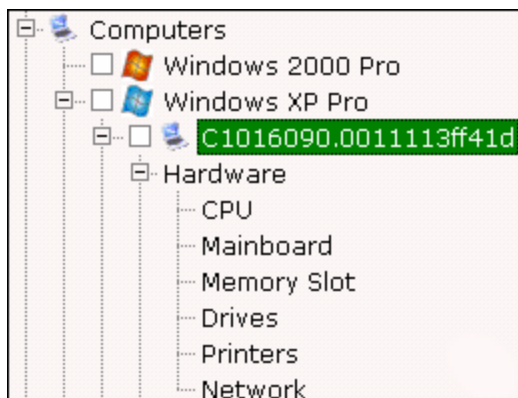
4.6 Viewing Hardware Assets

To view hardware assets:

From the left pane, click on a computer name. The right pane is populated with the hardware information for that particular computer.

| ALL Mobile - Computers - Windows XP Pro C1016090 Summary | |
|--|--|
| Computer Name | C1016090.0011113ff41d |
| Domain | souhs.edu |
| MAXD Server | ALL Mobile |
| Last User | |
| Last IP Address | 101.1.5.98^101.1.5.98^192.168.27.1^192.168.121.1 |
| Computer System | Dell Computer Corporation |
| Operating System | Microsoft Windows XP Professional |
| Service Pack | Service Pack 2 |
| Processor | Celeron™ |
| Memory | 1 (GB) |
| | 1 (GB) |
| BIOS | Dell Computer Corporation |
| Motherboard | Motherboard |
| Disk Drives | IC35L090AVV207-0 Size (Megabytes) 79 |
| Logical Disks | A: Drive Type Removable Disk |
| | C: Drive Type Local Disk |
| | D: Drive Type Compact Disc |
| Monitor | Plug and Play Monitor Screen Width 1600 Screen Height 1200 |
| Video Controller | Intel(R) 82865G Graphics Controller |
| Network Adapter | Intel(R) PRO/100 VE Network Connection |
| | Intel(R) PRO/100 VE Network Connection |
| | VMware Virtual Ethernet Adapter for VMnet1 |
| | VMware Virtual Ethernet Adapter for VMnet8 |
| Printer | Send To Microsoft OneNote Driver Local Printer |
| | Microsoft XPS Document Writer Local Printer |
| | Kyocera MiTa KM-3035 KX Local Printer |
| | Kyocera FS-2000D KX Local Printer |

If you expand the left pane tree (see page 17), you will see tabs on various components of the hardware of the selected computer. Click to view the information on the right pane.



| ALL Mobile - Computers - Windows XP Pro C1016090 - CPU | |
|--|-----------------------------------|
| Processor | #1 |
| Cores | 1 |
| Processor Name | Intel Pentium 4 |
| Codename | Prescott |
| Process | 90 nm |
| Specification | Intel(R) Pentium(R) 4 CPU 2.80GHz |
| Package | Socket 479 mPGA |
| Revision | D0 |
| Instructions | MMX , SSE, SSE2, SSE3 |
| Temperature | N/A |
| Threads | 1 |
| Clocks | |
| Core Speed | 2793 MHz |
| Clock Multiplier | x 21 |
| Bus Speed | 133 MHz |
| Rated Bus Speed | 532 MHz |
| Caches | |
| L1 Data | 16 KBytes |
| L1 Instructions | |
| Level 2 | 1024 KBytes |
| Level 3 | |

| ALL Mobile - Computers - Windows XP Pro C1016090 - Mainboard | |
|--|---------------------------|
| Motherboard | |
| Chipset | Intel i865P/PE/G/i848P |
| Revision | A2 |
| LPC Bridge | Intel 82801EB (ICH5) |
| Revision | 02 |
| BIOS | |
| Brand | Dell Computer Corporation |
| Version | A05 |
| Date | 08/26/2004 |
| Memory | |
| Type | DDR |
| Size | 2048 MBytes |
| Channels # | 2 |
| Frequency | 166.3 MHz |
| CAS# Latency | 2.5 clocks |
| RAS# to CAS# Delay | 3 clocks |
| RAS# Precharge | 3 clocks |
| tRAS | 7 clocks |
| tRC | |
| Command Rate | |

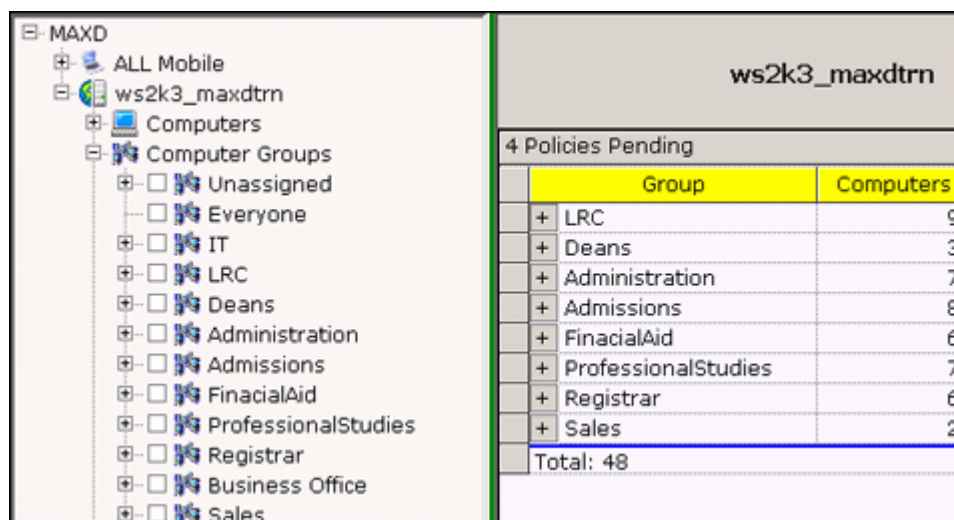
5 Computer Groups

Computer groups are created to logically organize computers within an environment for easier policy delivery.

5.1 Viewing Computer Groups

To view various computer groups:

1. On the left pane of the MAXD Console, click on the desired server, then choose "Computer Groups." You will see several groups of computers categorized by platform. You can create as many groups as you need.
2. You can either click on your desired platform there, or choose from the right pane (shown below).



The screenshot shows the MAXD Console interface. The left pane displays a tree view under 'MAXD' with the following structure:

- MAXD
 - ALL Mobile
 - ws2k3_maxdtrn
 - Computers
 - Computer Groups
 - Unassigned
 - Everyone
 - IT
 - LRC
 - Deans
 - Administration
 - Admissions
 - FinacialAid
 - ProfessionalStudies
 - Registrar
 - Business Office
 - Sales

The right pane, titled 'ws2k3_maxdtrn', shows a summary table with the following data:

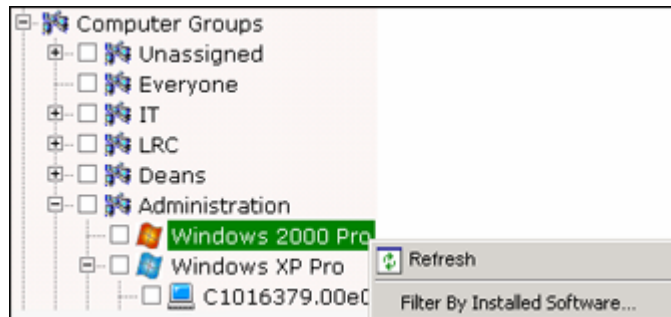
| 4 Policies Pending | |
|-----------------------|-----------|
| Group | Computers |
| + LRC | 9 |
| + Deans | 3 |
| + Administration | 7 |
| + Admissions | 8 |
| + FinacialAid | 6 |
| + ProfessionalStudies | 7 |
| + Registrar | 6 |
| + Sales | 2 |
| Total: 48 | |

| 4 Policies Pending | |
|-----------------------|-----------|
| Group | Computers |
| + LRC | 9 |
| + Deans | 3 |
| + Administration | 7 |
| ▶ - Admissions | 8 |
| - Child: 8 Items | |
| Computer | |
| C1016169.001320140bf2 | |
| C1016371.001372da1f86 | |
| C1016123.001143c2191f | |
| C1016367.001372c42abd | |
| C1016088.00123fc054e0 | |
| C1013579.000cf1738b4a | |
| C1013477.0003472f1501 | |
| C1013346.00e029848238 | |
| + FinacialAid | 6 |
| + ProfessionalStudies | 7 |
| + Registrar | 6 |
| + Sales | 2 |
| Total: 48 | |

You can also filter the list of computers to view by choosing the "Filter By Installed Software" to avoid going down a long list.

To do that:

1. Expand the "Computer Group" category
2. Right-click on "Filter By Installed Software." See below.



Everyone vs Unassigned

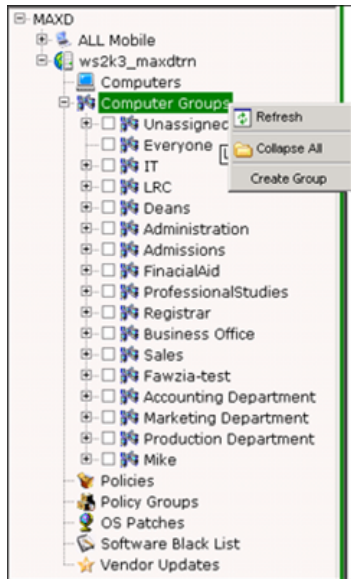
Everyone — This group lists all computers in MAXD console. It delivers a policy to everyone at once. Since policies are assigned to a specific OS, only the computers with the same OS as the policy will receive the policy.

Unassigned — This is a list of all computers in MAXD console that have not been assigned to another computer group.

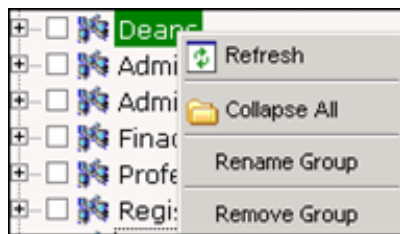
5.2 Using the Computer Groups Command Menu

You can use the following menus to get to various computer group related functions.

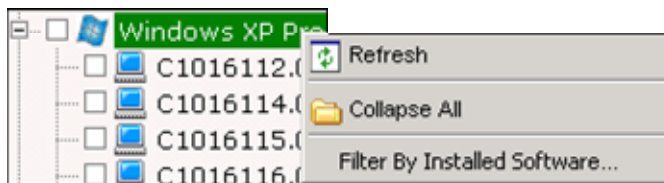
Computer Group Level



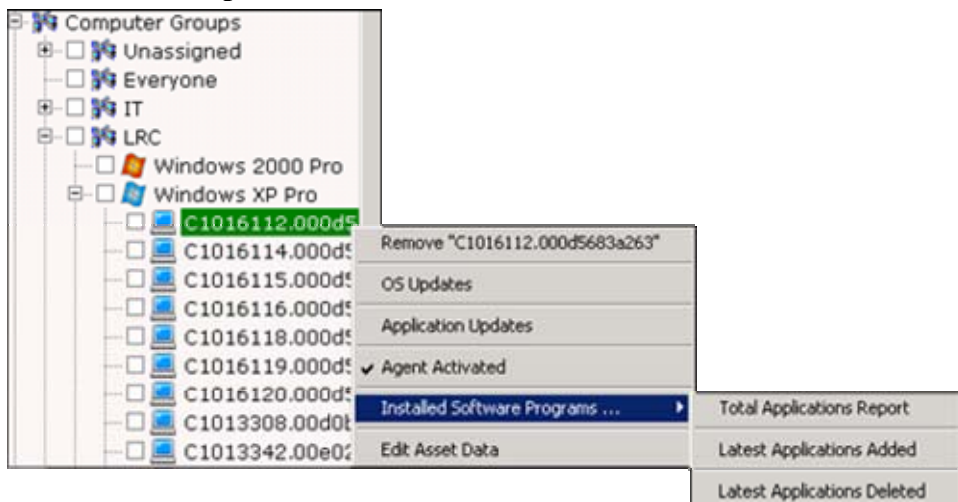
Individual Computer Group Level



Platform Level



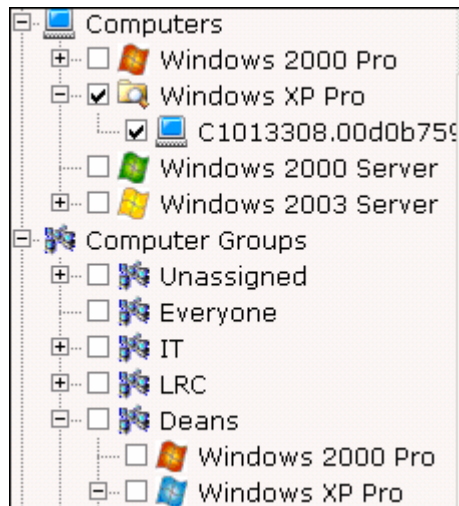
Individual Computer Level



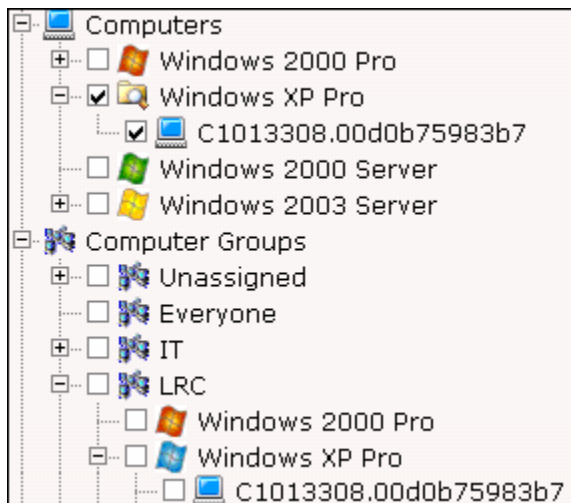
5.3 Assigning Computers to Groups

To assign a computer to a group:

1. Expand both "Computers" and "Computer Groups" in the left pane on MAXD console.
2. Select a computer from the "Computers" option, listed under the desired server, and simply drag and drop it to a chosen group name in "Computer Groups."



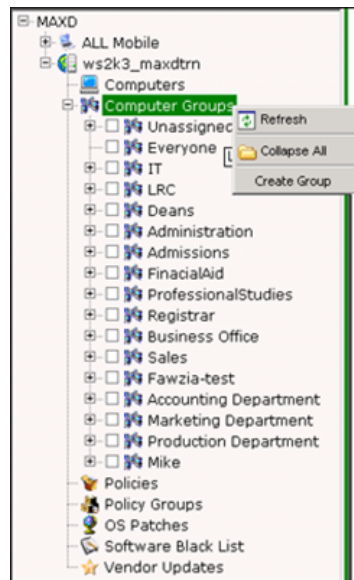
The image below shows the assigned computer at the bottom of the screen. Notice that the computer is added under the exact platform type (Windows XP Pro) as it was listed in "Computers."



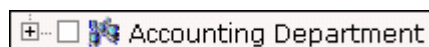
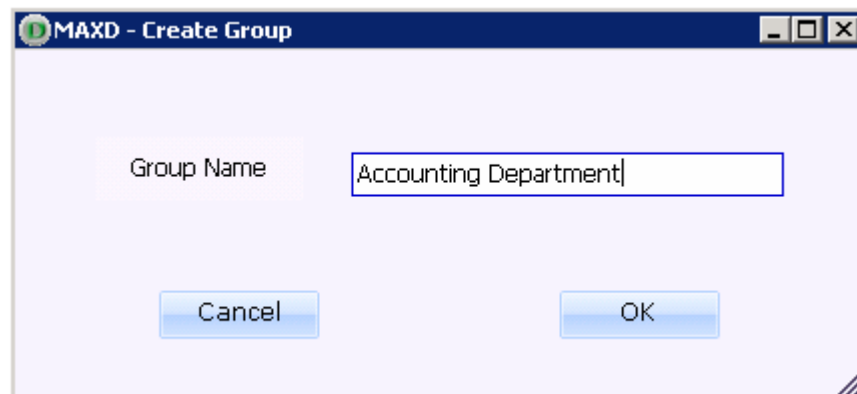
5.4 Creating Computer Groups

To create a computer group:

1. Right-click on "Computer Groups", and click "Create Group."



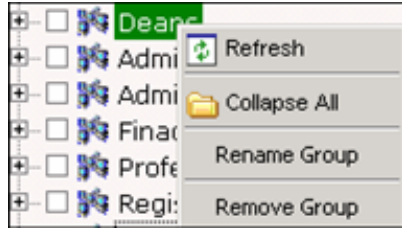
2. Enter a group name and click "OK." "Operation Complete" box appears to confirm the creation. The group list will now show the newly created group called, Accounting Department.



5.5 Renaming Groups

To rename a computer group:

1. Right-click on a group, and click "Rename Group."

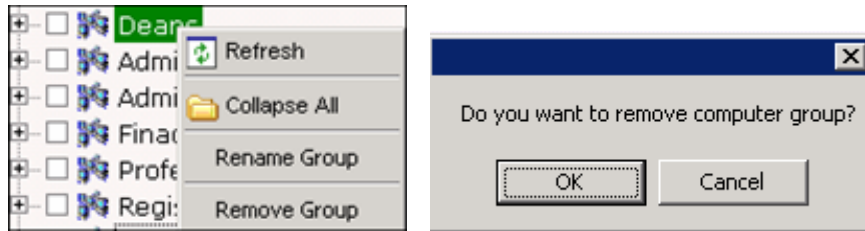


2. Type in a new name to rename the existing group.

5.6 Removing Groups

To remove a group:

1. Right-click on the group, and click "Remove Group." A pop-up box appears asking your approval.



2. Click "OK" to remove the group.

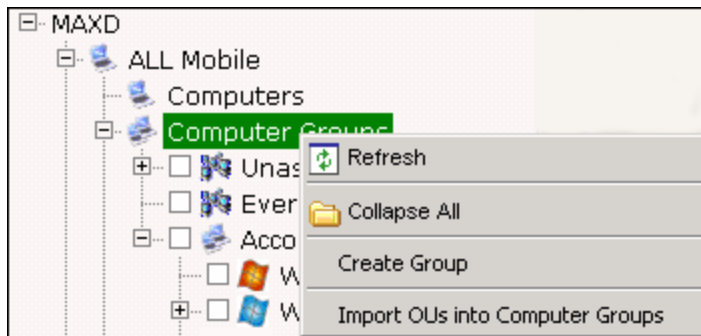
5.7 Importing Active Directory OUs

This feature creates MAXD computer groups, and assigns computers to computer groups automatically for client's organizational units (OUs).

Note: If the computers are already in a computer group, they will be skipped. This feature is available if Central Server Configuration menu has Domain Name (DNS). Without a domain name, the MAXD OUs related menus will not be displayed.

Importing Active Directory OUs as computer groups

Right-click "Computer Groups" and select "Import OUs into Computer Groups." All Active Directory OUs will be created as MAXD computer groups.



Importing Active Directory OUs Computers to Computer Groups

1. Right-click the desired platform (XP/2000, etc.).
2. Choose Selection --> Assign OUs Computers into Computer Groups. All the OUs computers will be assigned to the computer groups.

6 MAXD Policy

6.1 Policy Overview

Policies are the packaged applications and rules MAXD uses to determine how to apply MAXD packages to Clients running the MAXD Agent. Policies are simple to configure, but essential to the proper enforcement of corporate standards. They are also powerful, as a single policy can govern the installation, updating, removal, and repair of software. Once created and delivered to specific computers, policies are executed when any of the following occurs:

- The MAXD Scheduler executes at 2:00 a.m., or
- The scheduled delivery time arrives for a policy, with no user intervention.
- The scheduled delivery time arrives for a policy, with user intervention using a pop-up MAXD system tray.
- User double-clicks MAXD icon desktop.

As with packages, you will need to create a separate policy for each operating system platform to which your package will be distributed. A simple rule is to create one policy for each package you create, since multiple packages are required for multiple OS platforms. Each policy should then be tested on a single system before being deployed across the environment.

Plan Policy Sequences

As you create policies to manage the distribution of multiple MAXD packages, it is important to think about any interdependencies that exist between various installations. Sequencing provides a way to manage the priority and order in which policies are applied. The higher the sequence number of a policy, the lower the priority of that policy. It is useful to keep a list of policies, and their relative sequence numbers, to ensure that the right prioritization is being applied.

6.2 Viewing Policies

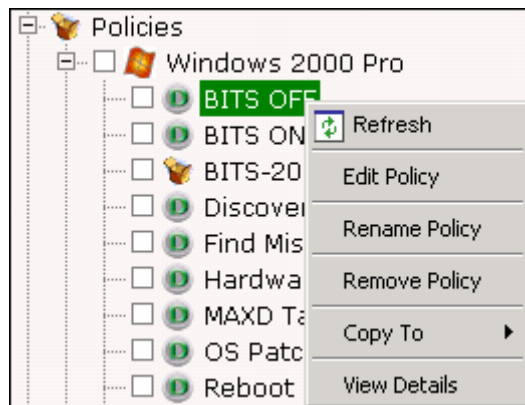
To view MAXD policies:

1. From the left pane on the MAXD Console, click on "Policy." The following screens appear on the left and right panes respectively.

| <div>Computer Groups</div> <div>Policies</div> <div>Windows 2000 Pro</div> <div>Windows XP Pro</div> <div>Windows 2000 Server</div> <div>Windows 2003 Server</div> | Platform | Count | Pending |
|--|----------------------------------|-------|---------|
| | Windows 2000 Pro | 15 | 0 |
| | Windows XP Pro | 24 | 4 |
| | Windows 2000 Server | 15 | 0 |
| | Windows 2003 Server | 18 | 0 |
| | Total Count: 72 Total Pending: 4 | | |

The "Count" column shows how many policies are under each platform, and the "Pending" column shows how many policies are in the process of being delivered.

- Right-click on the platform, and click on "View Details" to view the policy details that will appear on the right pane.

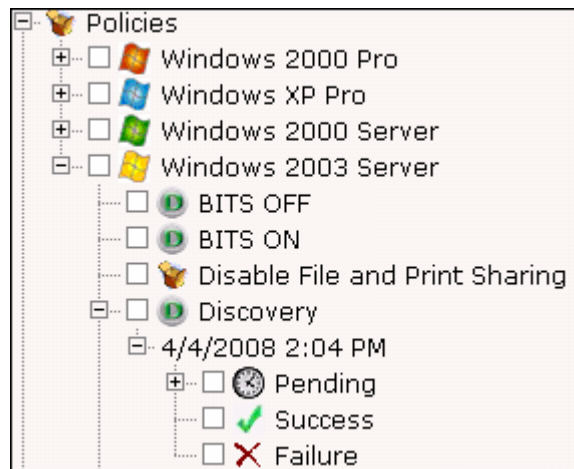


The image below displays the details of a policy, called "BITS OFF" on the right pane.

| | |
|-----------------------|--|
| Policy Name | BITS OFF |
| Title | Background Intelligent Transfer Service in OFF. Allows MAXD agent to transfer data from the server to the client using |
| Version | 1.0 |
| Sequence | 1 |
| Description | |
| Policy Enabled | True |
| Technology | FTP |
| Install Policy Rule | @MAXDSETREGISTRY HLM Software\MAXD REG_SZ Speed eFs\ix+/08o8= |
| Update Policy Rule | (none) |
| Uninstall Policy Rule | (none) |
| Repair Policy Rule | (none) |

The following example uses a policy called Discovery to display various right pane views.

- Expand the Policies tree to platform and right-click on Windows 2003 Server.
- Click on "Discovery." The right pane displays deployment summary of this policy.



| Discovery - Summary Deployments | | | | | |
|---------------------------------|---------|------------|-----------|-------------|--|
| Deployment Name | Type | # Failures | # Pending | # Completed | |
| 4/4/2008 2:04 PM | Install | 0 | 1 | 0 | |

- Expand the "Discovery" node and click on "Pending", "Success", and "Failure" respectively to view the right pane information. See below.

| Computer | Type | Deployed |
|----------------------|---------|------------------|
| MAXD2020.000c2909d93 | Install | 4/4/2008 2:04 PM |

| Computer | Type | Succeeded |
|----------|------|-----------|
| | | |

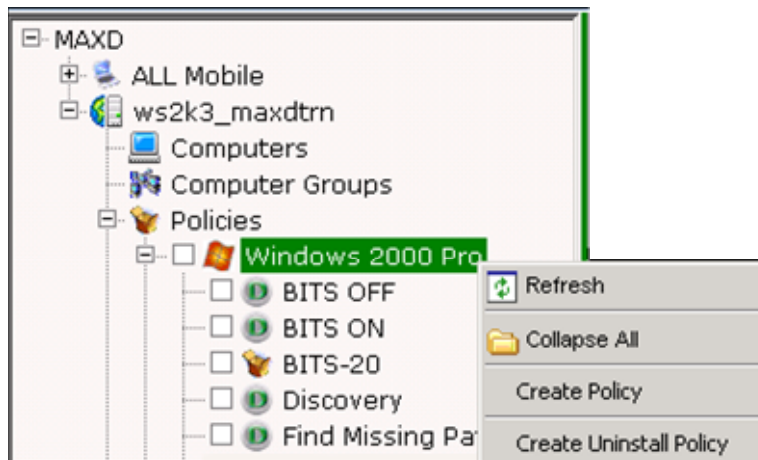
| Computer | Type | Error | Failed |
|----------|------|-------|--------|
| | | | |

Note: If the policy has not been deployed, the system will display "This policy has not been deployed" message.

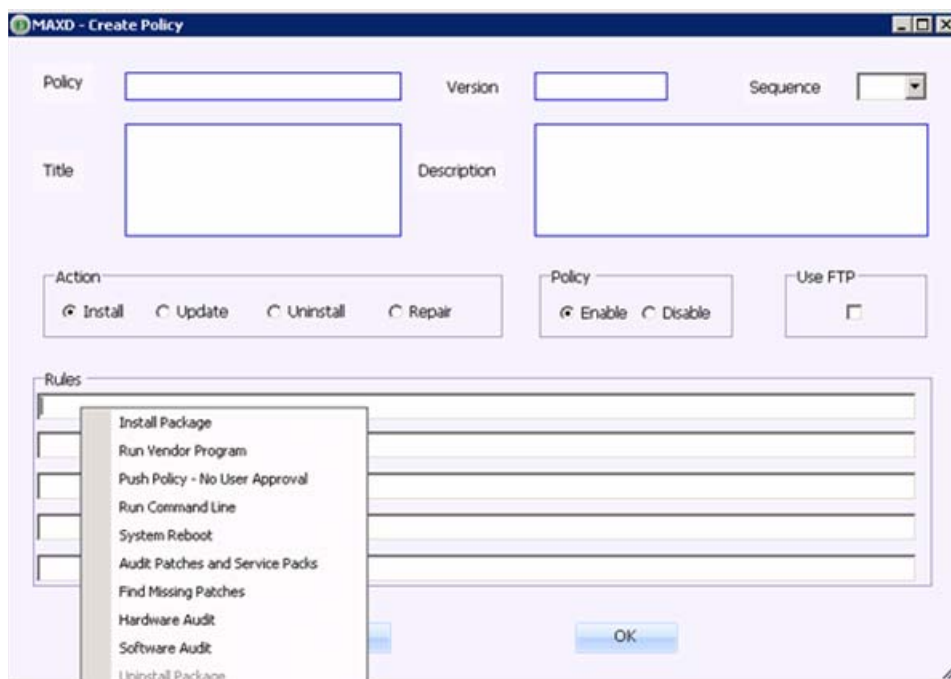
6.3 Creating a Policy

To create a policy:

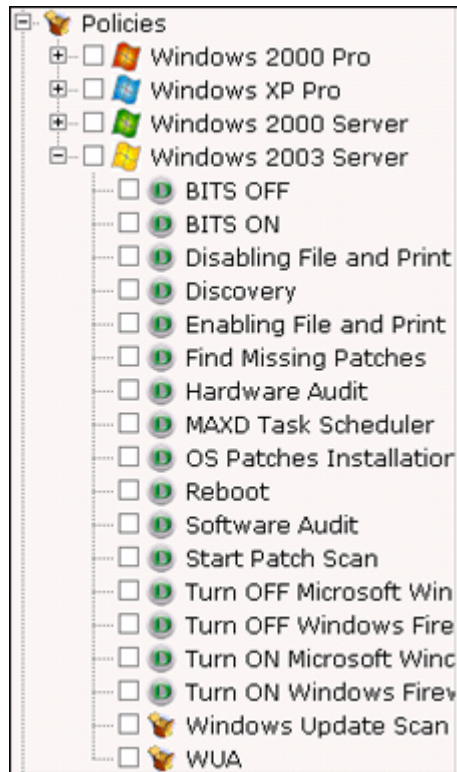
1. From the MAXD left pane, expand the "Policies" tree under the desired site or central server.
2. Right-click on a platform, and click "Create Policy."



4. Fill in the required fields, including policy name, Version Number and Sequence Number. To add the rules, right-click on one of the rules (see below) text fields, and pick a rule from the list.



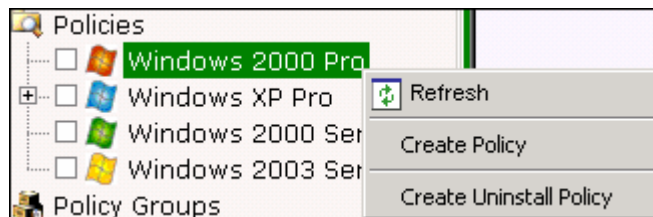
5. Fill in all the required information, and click "OK." Your policy is now listed under the platform for which it was created.



6.4 Creating Policy Rules

The rules associated with each policy are important to understand in detail. Open the Policies screen as follows, to display a list of options:

1. Expand the Policies tree under the desired site or central server.
2. Right-click on a platform under Policies, and select Create Policy.



3. Now right-click on one of the Rules text fields, and a pick list of rule types is listed.

Note: Some may be grayed out based on the Action type radio button that is selected (Install, Update, Uninstall, or Repair).

The syntax for any rule can be generated automatically by MAXD by stepping through the process built into MAXD. There are times, however, when you may want to type the instructions manually, either because you know the precise syntax already, because of network connectivity or other resource availability issues prohibit you from completing the built-in processes. Manual instruction entry is fully supported by MAXD. For more details, please refer to the *MAXD Technical Manual*.

Install MAXD Package

This rule type is intended to deploy an existing *.CAB file created using MAXD Packager. For this example, assume you are deploying the commercial software SpySubtract, and that you have already packaged and saved it to the FTP Directory root (C:\Inetpub\ftproot) as

C:\Inetpub\ftproot\Packages\WinXPPro\SpySubtract\SPYSUBTRACT.CAB.

1. Click on INSTALL MAXD PACKAGER, and MAXD opens a window allowing you to locate the appropriate *.CAB on the host specified in the LOCATION field.
2. Click the icons to drill down to the root FTP Site Directory configured on Pre-Installation Settings, then select the folder package name and the *.cab file for your target package.

Note: If the specified host is not found, MAXD defaults to the local system's Desktop.

Run Vendor Program

The Run Vendor Program rule brings up a browser for you to select an executable, or *.MSI program. You just need to append the correct vendor switches. This rule gives you the opportunity to use vendor switches for application updates, rather than packaging the application yourself.

Push Policy- No user approval

Choosing this rule instructs the policy to perform without user approval.

Uninstall MAXD Package

The Uninstall Package rule is used to remove a package from the designated Client(s). The Uninstall radio button must be active in order to select this rule type.

Repair MAXD Package

The Repair Packager rule is used to repair a package on the designated Client(s). The Repair radio button must be active in order to select this rule type.

Run Command Line

The Run Command Line rule is designed to execute an internal or external command, operable program or batch file. The specified command line will be executed on the client computer.

End Task

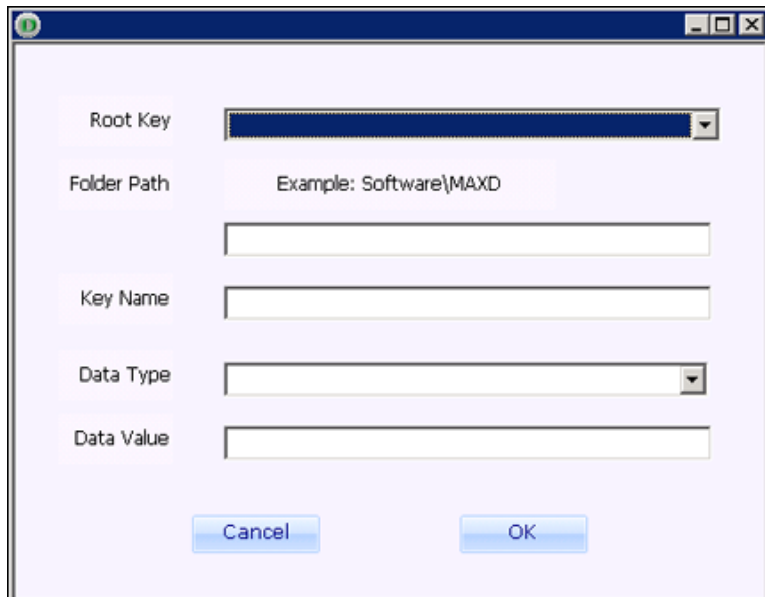
The End Task rule is used to terminate a running application on the Client. This rule is especially useful in conjunction with rules that upgrade existing software. You may need to end the existing process of an application before the upgrade can be performed.

Software Audit

The Audit Software rule creates a @MAXDAUDITSOFTWARE instruction, telling the MAXD Agent to audit application software on the Client.

Add Registry Settings

The Add Registry Settings rule enables the addition or changing of registry values on the Client system. When you select the Add Registry Settings option, MAXD displays a form to specify applicable registry information.



1. On the root Key drop-down menu, select either HKEY_LOCAL_MACHINE, HKEY_CURRENT_USER, or HKEY_CLASSES_ROOT.
2. Now type the folder path in the Folder Path text field. For example, the path may be Software\MAXD.
3. In the Key Name text field, type a name for the value you are setting. You can use any name in this field.
4. Choose the Data Type from the drop-down menu, either REG_SZ (string), REG_WORD (DWORD), or REG_BINARY (binary).
5. Enter a value for the Data Value text field.
6. Click "OK" to parse the correct syntax for setting the registry value, which then appears as a @MAXDSETREGISTRY instruction in the applicable Rules text field.

Remove Registry Settings

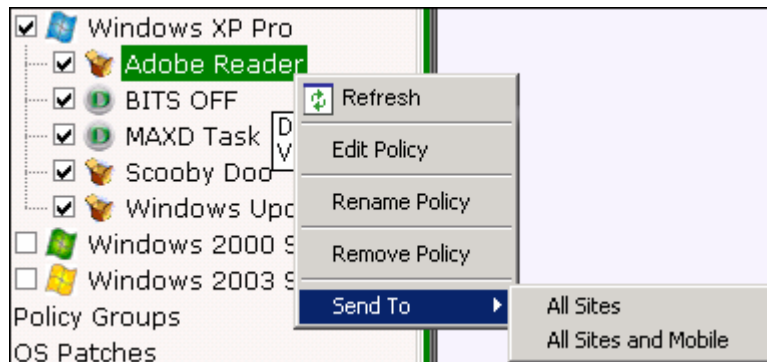
Use Remove Registry Settings to delete a registry entry. The Uninstall radio button should be active in order to select this rule type, and doing so will open a MAXD window to complete the wizard. The form uses the same (but fewer) fields as the Add Registry Settings wizard.

Click "OK" to parse the correct syntax for deleting the registry entry, which then creates a @MAXDDELREGISTRY instruction in the applicable Rules text field.

6.5 Editing a Policy

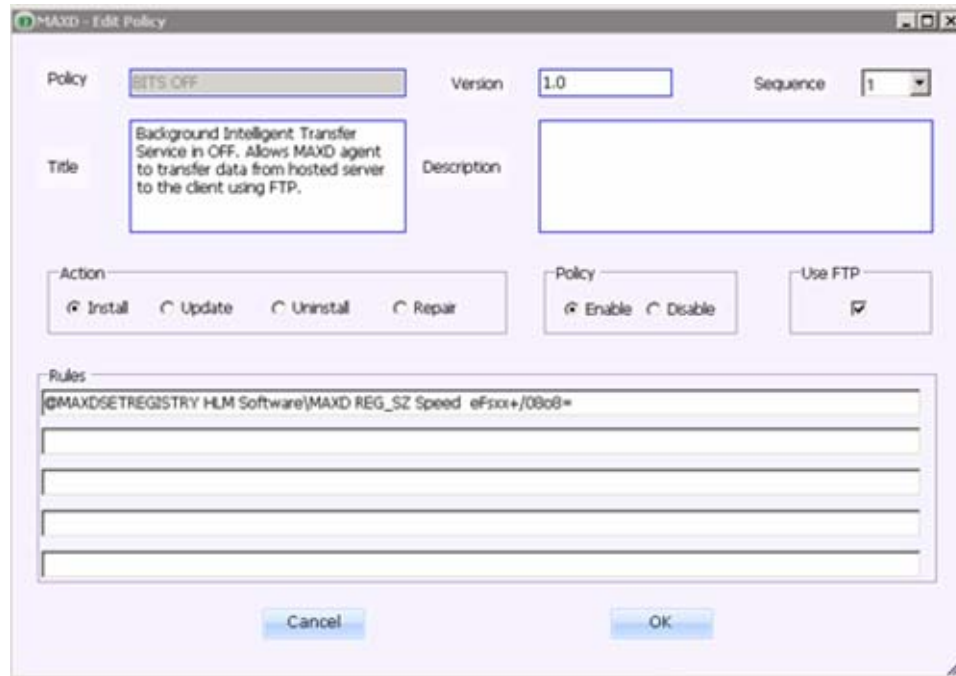
To edit a policy:

1. Right-click on the policy name, and click "Edit Policy." "MAXD Edit Policy" form appears.



Note: The main difference between this form (shown below) and the "Create Policy" form is that this form has radio buttons to enable and disable the policy. Use the "disable" option if you would like to keep the policy in the tree list, but do not want it to deploy.

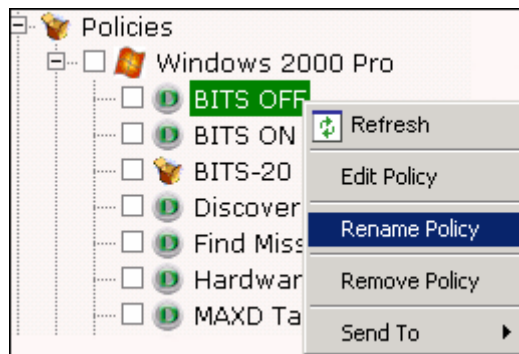
2. In the policy form, make your changes and click "OK."



6.6 Renaming a Policy

To rename a policy:

1. Right-click on the policy name, and click "Rename Policy."

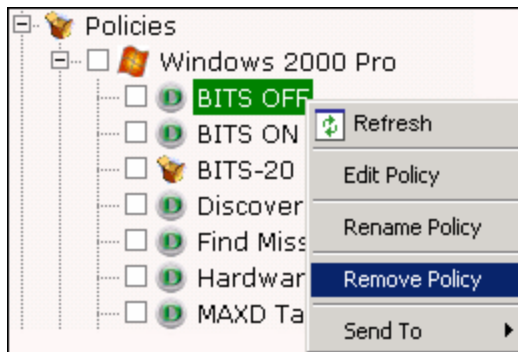


2. Change to a new name.

6.7 Removing a Policy

To remove a policy:

Right-click on the policy name, and click "Remove Policy." The policy will be removed from the list.

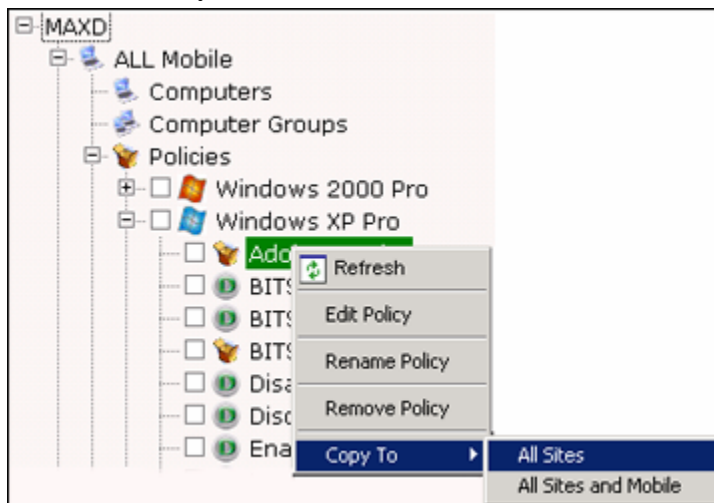


6.8 Copying a Policy

You can copy a policy to other sites.

To copy a policy:

Right-click on the policy name, and expand "Copy To" to choose your desired destination. This copies the policy and all related files to the other servers in your MAXD console. The policy name will appear under each server as the associated files are delivered by BITS to that location.



6.9 Delivering a Policy

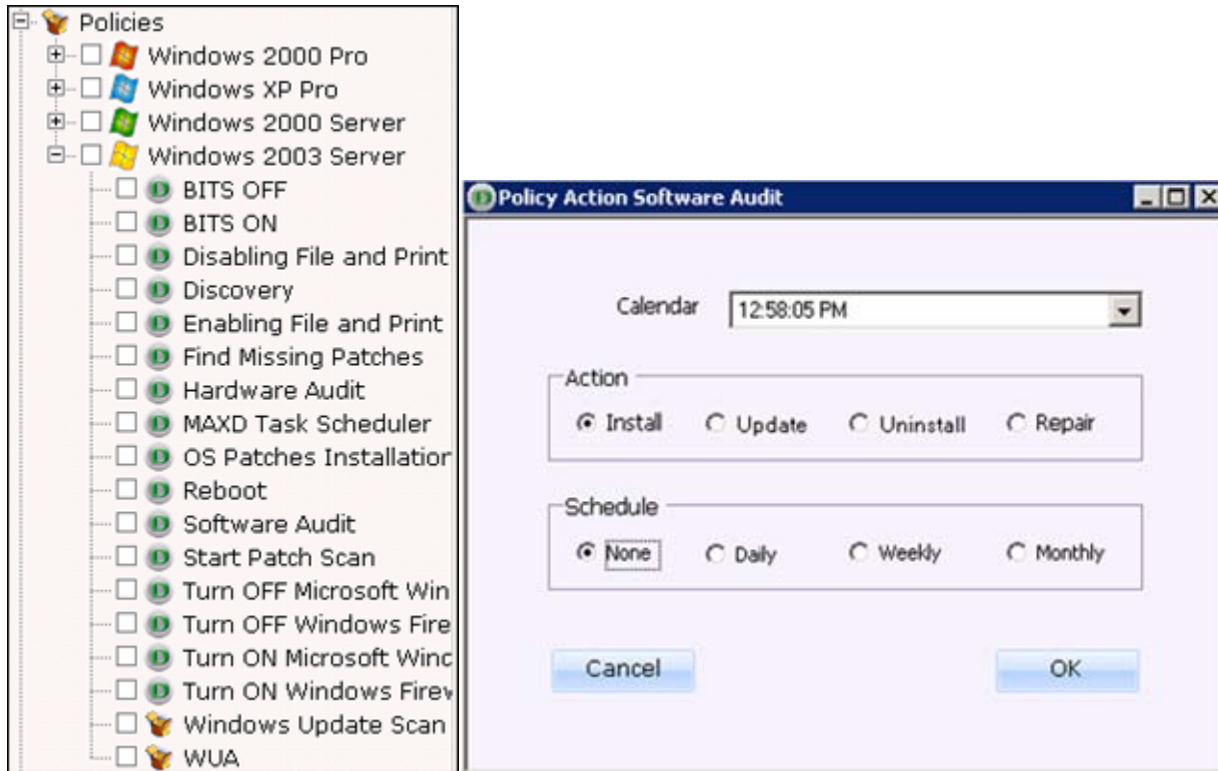
You can deliver a policy to a computer, a custom computer group, and the "Everyone" computer group.

1. Open the policy in the MAXD left pane, and then simply drag and drop the policy on to a computer, or a computer group. A pop-up window called "Policy Action Software Audit" appears (see below).

Alternatively, to deliver a policy to many different computers (not in a Computer Group), you can click next to the computer names under "Computers", and drag them to the policy to schedule the delivery.

2. Fill in the required information to schedule the delivery time and frequency, and click "OK."

Note: The Policy and the computer receiving that policy must be on the same platform. For example, the Adobe Acrobat policy listed under Win XP must be delivered to Computers and Computer Groups listed under Win XP.



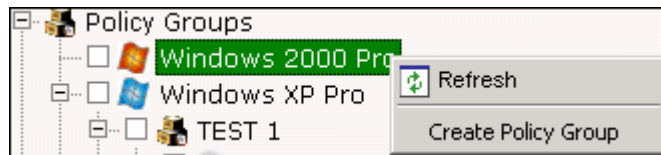
7 MAXD Policy Groups

Policy Groups enable the administrator to establish Policies for specific work groups (such as organizational functions or geographical locations) in the MAXD environment, and group multiple policies together for a single, easy delivery of multiple items, including applications, scripts, and documents. Using Policy Groups also reduces the administrative time necessary to manage software on Clients that are part of a designated group.

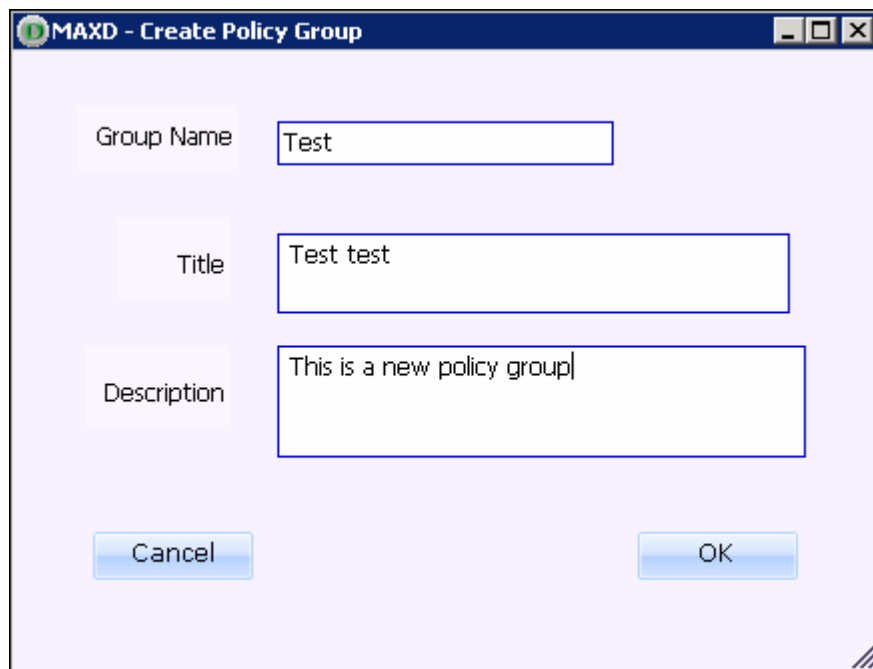
7.1 Creating a Policy Group

To create a policy group:

1. Right-click on the platform under "Policy Groups", and click "Create Policy group." "MAXD Create Policy group" box appears.



2. Fill in the information and click "OK" to create a new policy group. It will appear in the policy group list.

A screenshot of a dialog box titled "MAXD - Create Policy Group". It has three text input fields: "Group Name" with the value "Test", "Title" with the value "Test test", and "Description" with the value "This is a new policy group". At the bottom, there are two buttons: "Cancel" and "OK".

7.2 Delivering a Policy Group

You can deliver a policy group to a computer, a custom computer group, and the "Everyone" computer group.

To deliver a policy group:

Open the policy group in the MAXD left pane, and then simply drag and drop the policy group on to a computer, or a computer group.

Alternatively, to copy a policy group to many different computers (not in a Computer Group) by clicking next to the computer names under "Computers" and dragging them to the policy group to schedule the delivery.

7.3 Copying a Policy Group

You can copy a policy group to other sites.

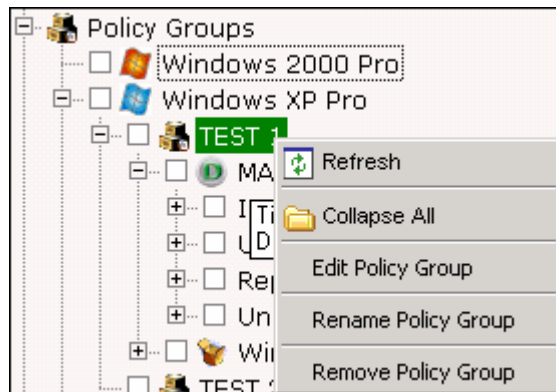
To copy a policy group:

Bring up the command menu for the policy group name, and expand "Send To" to choose your desired destination. This copies the policy group and all related files to the other servers in your MAXD console.

7.4 Editing a Policy Group

To edit a policy group:

1. Right-click on the policy group, and click "Edit Policy group." "MAXD Edit Policy" box appears.

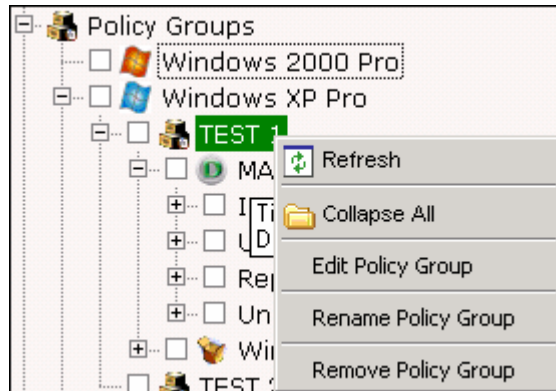


2. Make your changes and click "OK."

7.5 Renaming a Policy Group

To rename a policy group:

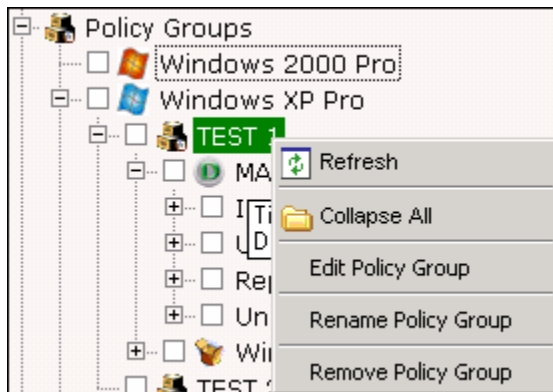
1. Right-click on the policy group, and click "Rename Policy group."
2. Give a new name to the group.



7.6 Removing a Policy Group

To remove a policy group:

Right-click on the policy group, and click "Remove Policy Group." The group is removed from the group list.



7.7 Copying Policies to a Policy Group

To copy a policy to a policy group:

1. Expand "Policies" to select a policy.
2. Drag and drop the policy to a chosen policy group.

7.8 Removing Policies from a Group

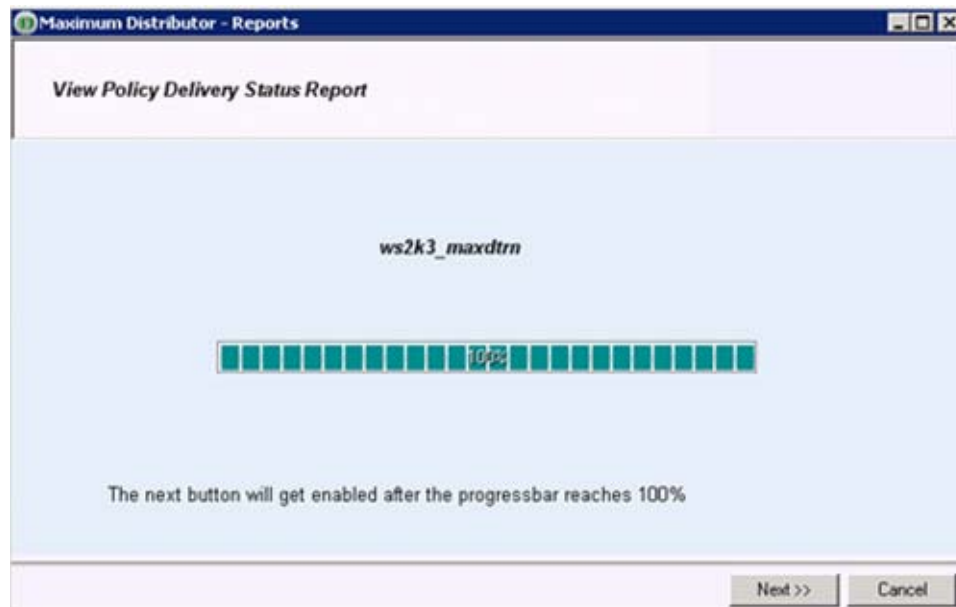
To remove a policy from a policy group:

1. Expand the "Policy Groups" down to a policy.
2. Right-click on the policy, and click "Remove Policies in Policy Group." The action is carried out instantaneously.

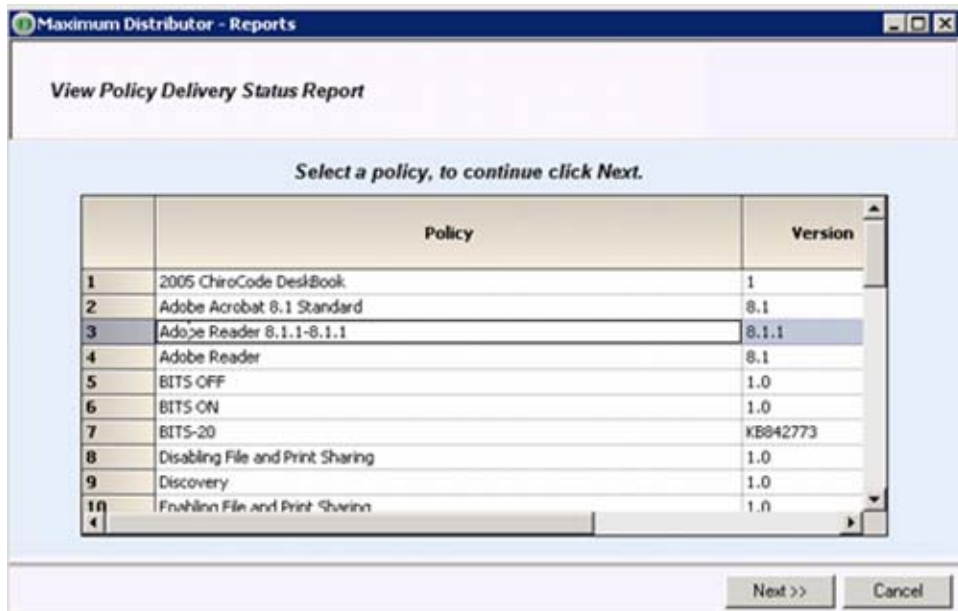
7.9 Viewing Policy Delivery Status Report

To view policy delivery status report:

1. Right-click on MAXD and go to Reports --> Policy Management --> Delivery Status By Policy.



2. Click "Next" to continue. On the next page, select a policy, and click "Next" again.

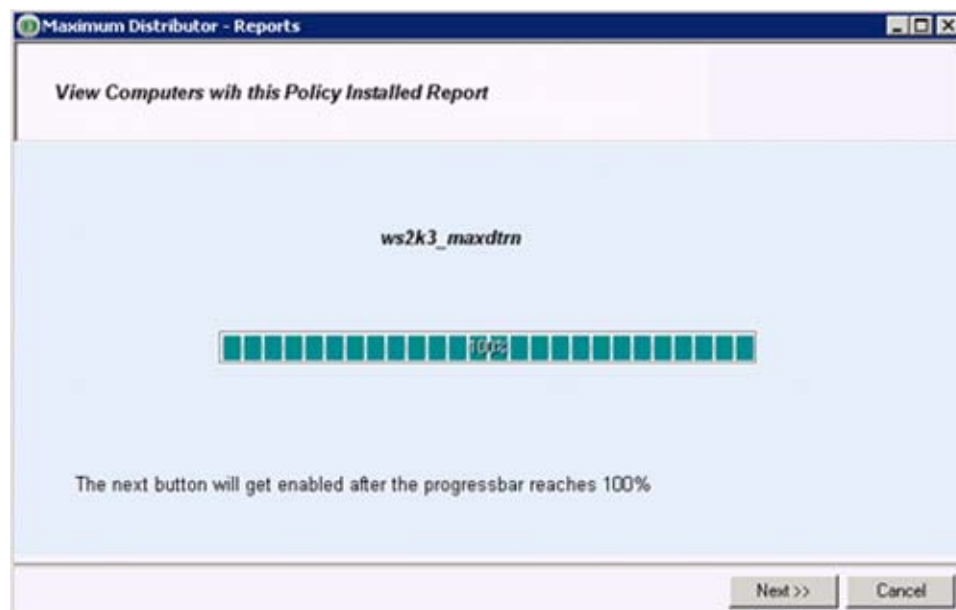


3. Click "Next" until you see the confirmation page. Click "Finish" to view the report in Excel.

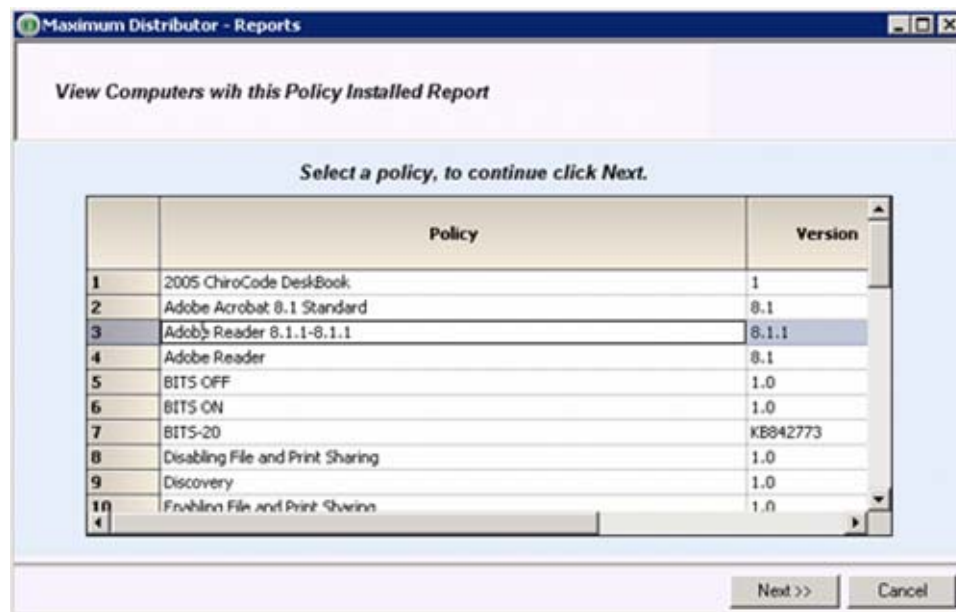
7.10 Viewing Computers with a Policy Installed Report

To view computers with a policy installed report:

1. Right-click on MAXD and go to Reports --> Policy Management --> Policy Installation By PC.



2. Click "Next" to continue. On the next page, select a policy, and click "Next" again.



3. Click "Next" until you see the confirmation page. Click "Finish" to view the report in Excel.

8 OS Patches

8.1 OS Patches

Operating System-specific patches are scheduled to download automatically. Patches should then be reviewed by the MAXD administrator before being deployed. The PCs must be tagged for this deployment to occur. The MAXD agent automatically detects and installs missing patches, and untags PCs for OS updates after a successful update. The latest OS patch policies in the downloaded list are orange color coded.

Note: You can also manually download OS Patches. For more information, see “Manually Downloading OS Patches” section.

Delivering OS Patches to Computers

Computers are tagged to receive OS Patch deliveries (see Tagging PCs for OS Updates). The systems will be scanned and missing patches will be loaded. After the updates are completed, the system will be rebooted.

Note: You can disable reboot by removing policy rule, '@MAXDREBOOT' in OS Patches Installation Reboot policy. Since roaming devices are frequently shut down, roaming PCs may benefit from disabling reboot.

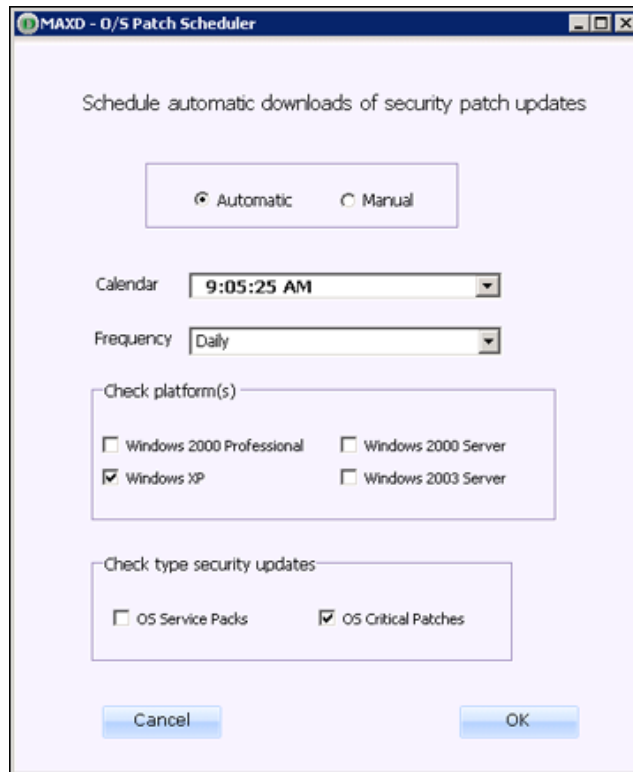
Note: If a client does not want to implement a patch in their environment, they should disable that particular patch instead of deleting it. If the patch is deleted, the next time the patches are automatically downloaded to the console, that patch will be recognized as "missing" and will be reloaded to MAXD.

8.2 Using OS Patch Scheduler

The OS Patch Scheduler is used to schedule automatic downloads of security patch updates.

To set up the OS Patch Scheduler:

1. Go to MAXD —> Setup —> Patch Management —> O/S Patch Scheduler. MAXD O/S Patch Scheduler window appears.



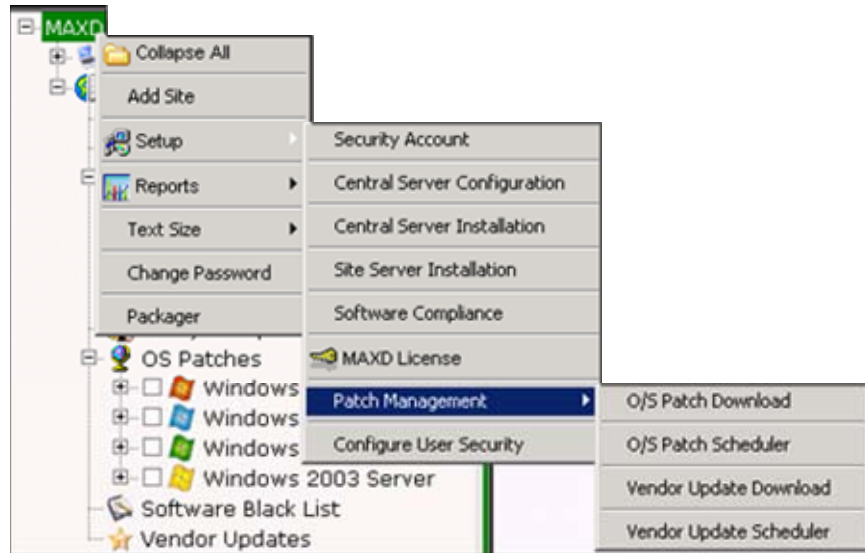
2. Choose a time, frequency, desired platform, and the type of security updates.
3. Click "OK." A confirmation message "Operation Complete" is displayed.
4. Click "OK" to close the message box.

8.3 Manually Downloading O/S Patches

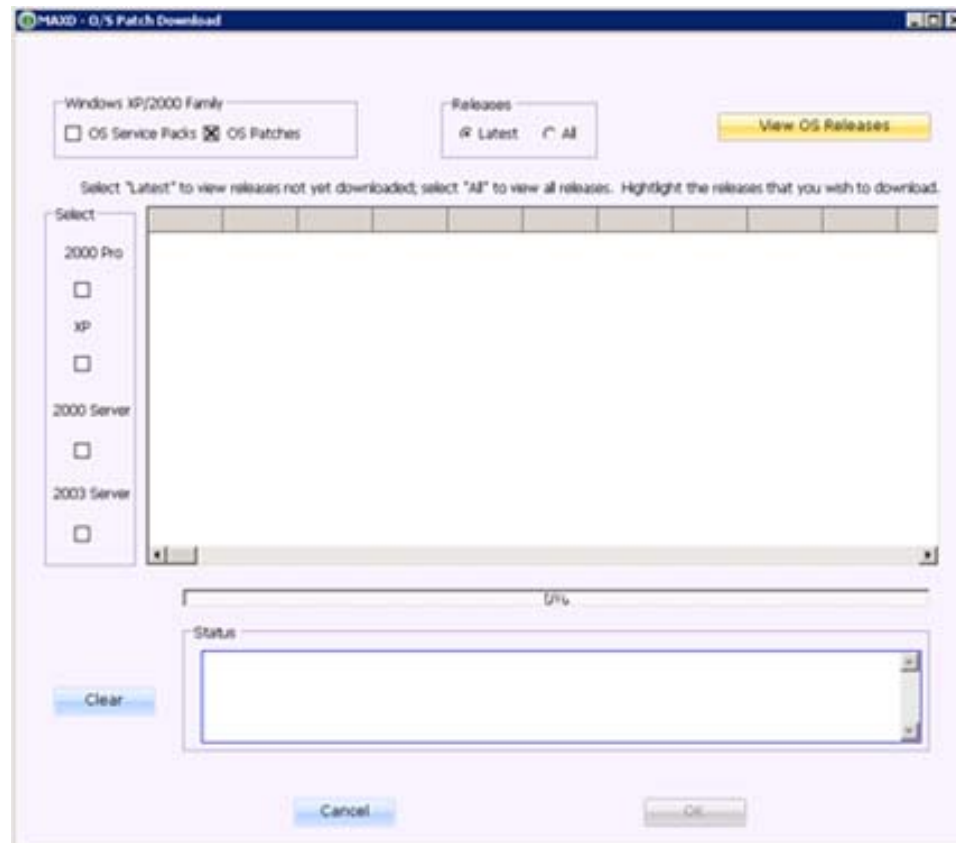
O/S patches are normally configured to download automatically by the scheduler built into the MAXD Console. In some cases it may be necessary to download the patches manually.

To manually download OS patches:

1. Right-click on the MAXD drop-down menu.
2. Go To Setup --> Patch Management --> O/S Patch Download.



3. Select OS Patches and/or OS Service Packs.
4. Select "Latest" to view releases not yet downloaded.
5. Choose "All" to view all releases.
6. Once you have selected either "Latest" or "All", click "View OS Releases." The top blank box will be populated with the releases.



7. Select the platform to highlight the releases you wish to download, and click, "OK." The status box confirms the download completion.

Note: Make sure to select Windows Update Scan mm-dd-yyyy policy. It detects missing patches for the PC.

Note: After the initial OS patch download, configuring the OS patch scheduler is recommended.

8.4 Copying OS Patches from the Central Server to a Site

To copy OS patches from the central server to a site:

1. Select all patches under Windows platform (including latest Windows Update Scan policy), drag one of the selected patches and drop to a site. All patches are copied. This is only necessary the first time.
2. For all subsequent copies, select the orange color-coded patches, and drag and drop to a site.

Note: Make sure to copy the latest Windows Update Scan mm-dd-yy policy. It detects missing patches for the PC.

Note: OS patches policies are shown as soon as its associated files are copied to the site. There may be a time delay in the process.

8.5 Viewing Bulletin for an OS Patch Policy

To view bulletin for a OS patch policy:

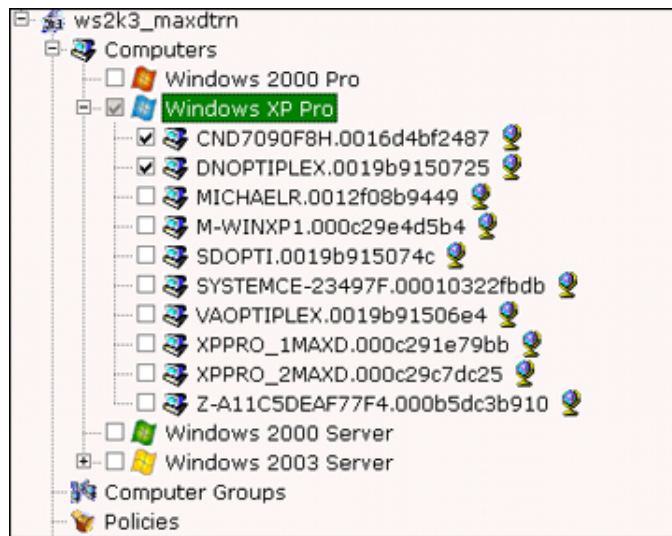
Right-click on a patch policy, and click "View Bulletin." This will take you to Microsoft website for information on various security updates, etc.

8.6 Tagging PCs for OS Updates

You need to tag the computers for automatic OS updates.

To tag a computer:

1. For all computers on a specific server and platform, check the box next to that platform.
2. Right-click and choose "Selection" and then "OS Updates." The computers are now tagged.

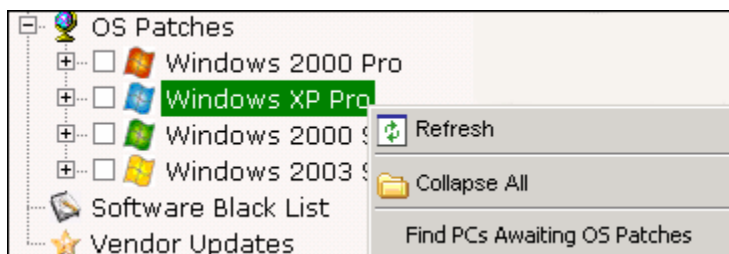


Note: The globe icon next to a computer indicates that the computer has been tagged to receive OS patches.

8.7 Viewing PCs Awaiting OS Patches

To view computers awaiting OS patches:

Right-click on the platform, and choose "Find PCs Awaiting OS Patches."



If there are PCs awaiting patches (run on the platform level), they will appear. If none found, a popup window saying "None Found" will appear in the right pane.

| KB942763 - Policy Details | |
|---------------------------|---|
| Policy Name | KB942763 |
| Title | Update for Windows XP (KB942763) |
| Version | KB942763 |
| Sequence | 129 |
| Description | Installing this update enables your computer to automatically |
| Policy Enabled | True |
| Technology | BITS |
| Install Policy Rule | @MAXDPATCH \$MAXD\Packages\WinXPPro\WindowsUpdates |
| Update Policy Rule | (none) |
| Uninstall Policy Rule | @MAXDRUN %WinDir%\\$NTUninstallKB942763\$\Spuninst\sp |
| Repair Policy Rule | (none) |
| Pending Deployments | Count |
| Install | 3 |
| Update | 0 |
| Repair | 0 |
| Uninstall | 0 |

The image below displays PCs (listed under "Pending") that are waiting to receive OS Patches.

| IT2-CarlosD820 - OS Patch Summary - Last Updated 1/26/2008 2:25:19 PM | |
|---|---|
| O/S Patches | |
| Title | |
| Update for Windows XP (KB934428) | |
| Windows Malicious Software Removal Tool - January 2 | |
| Update for Windows XP (KB942763) | |
| Total: | 3 |

8.8 Disabling an OS Patch Policy

To disable an OS patch policy:

Right-click on the specific OS Patch policy, and choose "Edit Policy." There is a radio button near the center of the form to Enable or Disable. If you choose to disable, the OS Patch will remain in the list of patches, but it will not be deployed when the computers are tagged for updates.

8.9 Removing an OS Patch Policy

To remove an OS patch policy:

1. Expand "OS Patches" down to a policy.
2. Right-click on the policy, and choose "Remove Policy."

8.10 Installing an OS Patch Service Pack

Service Packs are located under the Policy area of the tree, rather than OS Patches.

To install OS Service Pack policy:

Drag computers and drop them to "Service Pack" policy in the "Policies" tree. If you only need to deliver the Service Pack to one computer or computer group, you can alternatively drag the Service Pack to that specific Computer or Computer Group.

9 Software Black List

9.1 Overview

MAXD allows you to create software black list policies to uninstall specific software from PCs. MAXD agent periodically checks for the software on the black list and uninstalls it from the black listed PCs.

To view the blacklisted software:

1. From the left pane on MAXD console, click on "Software Black List." The right pane is populated with the following window.

| | Platform | Count |
|----------|--------------------------|-------|
| + | Windows 2000 Pro | 0 |
| ▶ - | Windows XP Pro | 5 |
| | - Child: 5 Items | |
| | Software | |
| | 2005 ChiroCode DeskBook | |
| | Adobe Reader 8.1.1-8.1.1 | |
| | iTunes-6.0.5.20 | |
| | iTunes-7.3.2.6 | |
| | iTunes-7.4.3.1 | |
| + | Windows 2000 Server | 0 |
| + | Windows 2003 Server | 0 |
| Total: 5 | | |

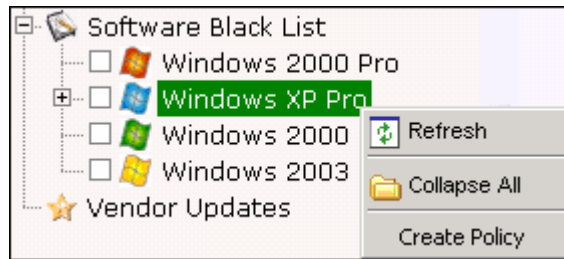
2. Click on a software in the left pane to view the summary of the blacklist policy. The summary contains the list of computers to uninstall unwanted software, last unsinstall date and time, and the number of times the software has been uninstalled.

| | Computer | Last Uninstall | Count |
|--|-----------------------|----------------|-------|
| | C1013308.00d0b75983b7 | | 0 |
| | C1013342.00e029847b6f | | 0 |
| | C1016571.001c239a4ade | | 0 |

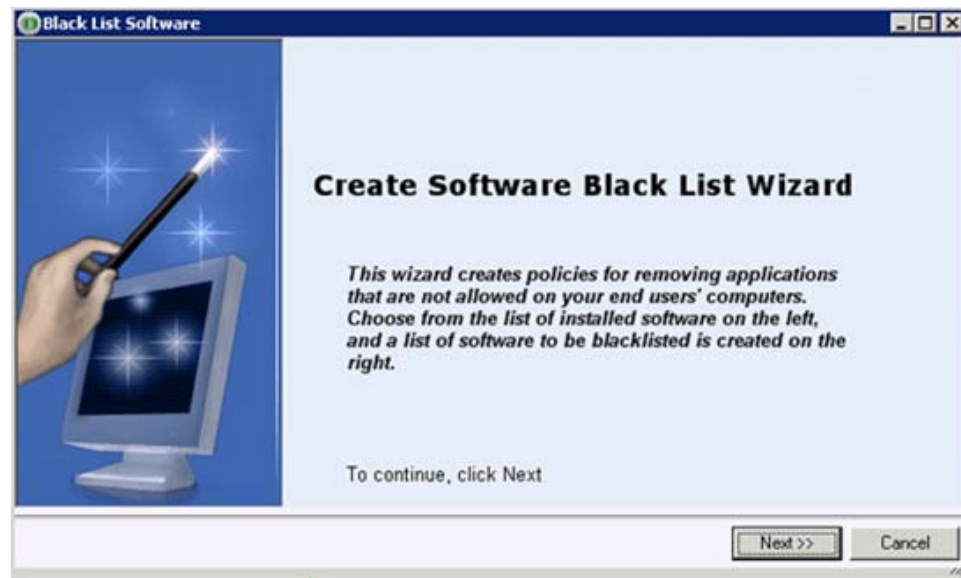
9.2 Creating Software Blacklist Policy

To create a software blacklist policy:

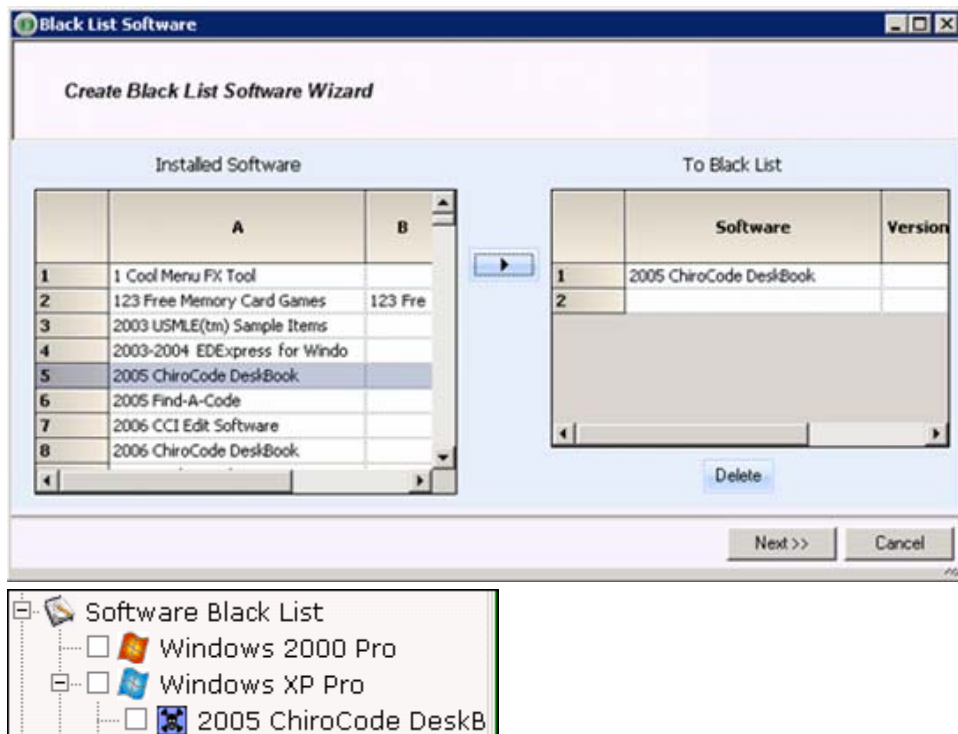
1. Expand "Software Black List" on MAXD console left pane.



2. Right-click on a platform, and click "Create Policy."
3. "Create Software Black List Wizard" appears. Click "Next" to continue.



4. Highlight the installed software that you wish to add to the blacklist items. Then click the right arrow. The software is now blacklisted, and is uninstalled from the target PCs once they have been added.
5. Click "Next." The blacklisted software now appears in the left pane.



Note: A quiet uninstall is strongly recommended. Otherwise, the application will pop up a window for the end user asking if they wish to uninstall the application. This may require you to modify the policy rule to perform a quiet uninstall.

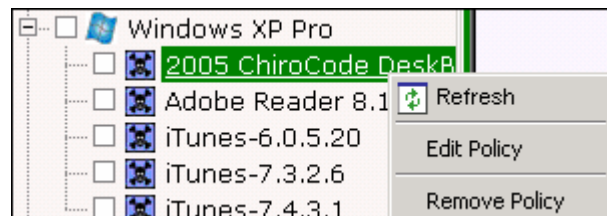
9.3 Adding a Computer to the Black List

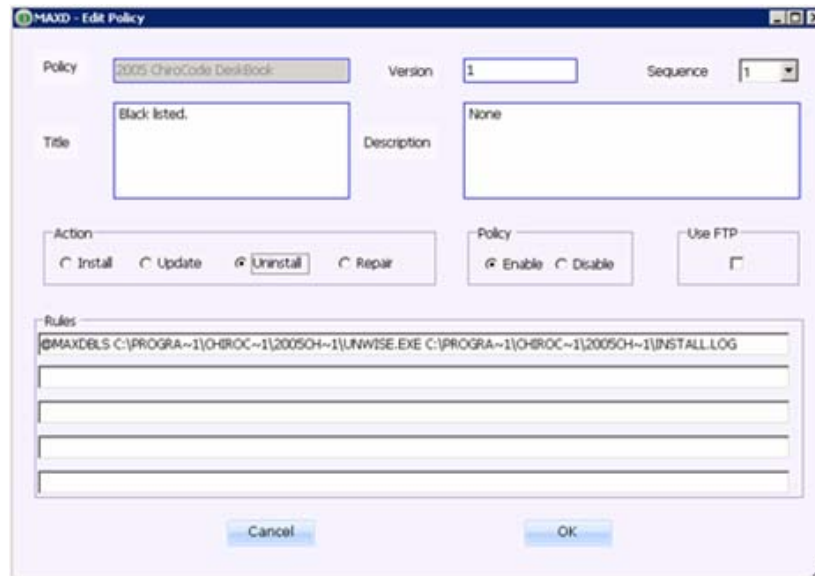
To black list an application for a specific computer:

Choose the computer(s) from the "Computers" or "Computer Groups" section, and drag to the software application listed under Black List Software.

9.4 Editing Blacklist Policy

1. Right-click on the blacklisted software, and either choose "Edit Policy." The "MAXD Edit Policy" window appears.





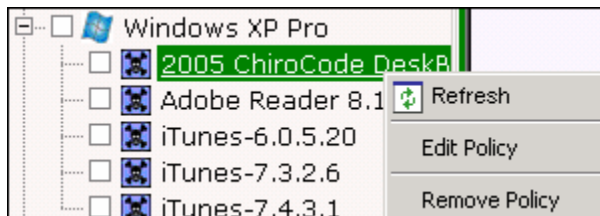
2. Check the "Uninstall" button to view uninstall software vendor command.
3. Click "OK."

Note: Software vendor uninstall silent switches must be available for you to use this policy.

9.5 Removing Blacklist Policy

To remove a blacklist policy:

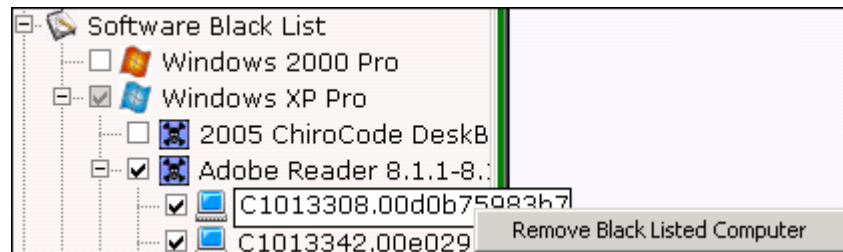
Right-click on the blacklisted software, and choose "Remove Policy."



9.6 Removing Blacklisted Computers

To remove a blacklisted computer:

1. Click on the "+" (plus) sign to expand the policy.

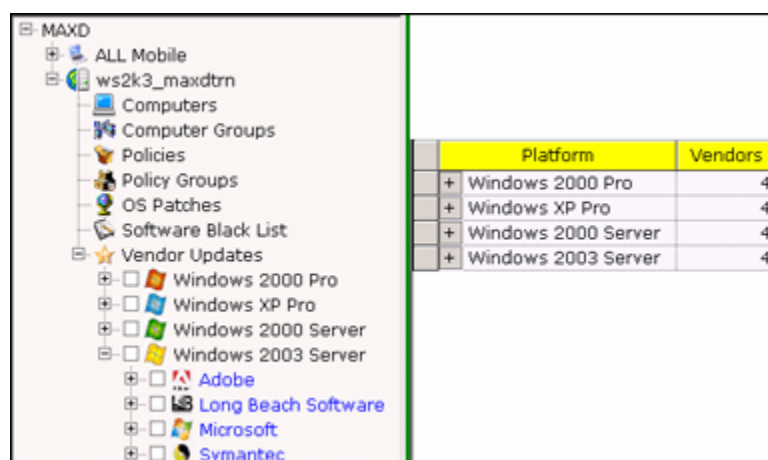


2. Right-click on the computer, and click on "Remove Black Listed Computer."

10 Vendor Updates

10.1 Vendor Updates

MAXD vendor updates provide information on application and policy updates.



Vendor name summary

Vendor name summary shows applications, total updates per application, and the date and time of the last update.

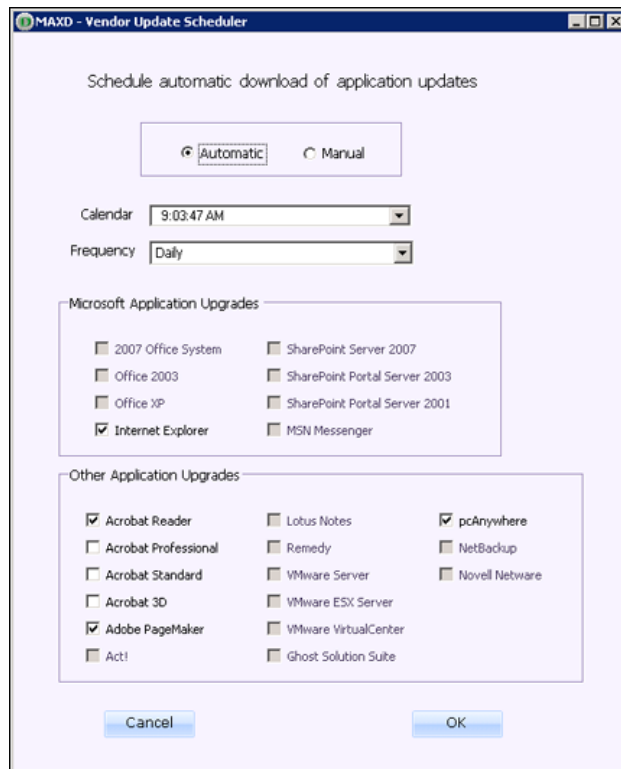
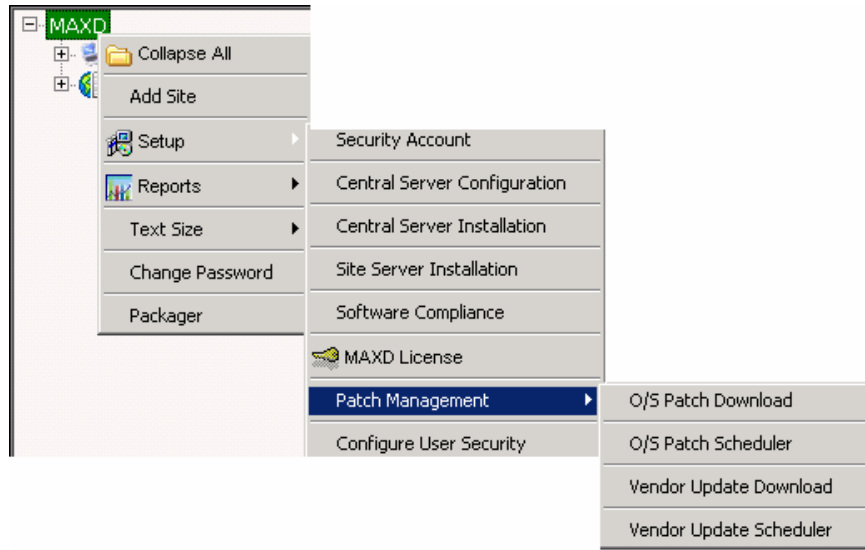
| Application | Updates | Last Update |
|------------------------|---------|----------------------|
| MAXD Agent | 2 | 1/5/2008 12:21:03 AM |
| MAXD Console | 0 | |
| MAXD Server Components | 0 | |

10.2 Using Vendor Update Scheduler

Vendor Update Scheduler allows you to schedule an automatic download of application updates.

To schedule an automatic application download:

1. Right-click MAXD and go to --> Patch Management --> Vendor Update Scheduler. "Vendor Update Scheduler" window appears.



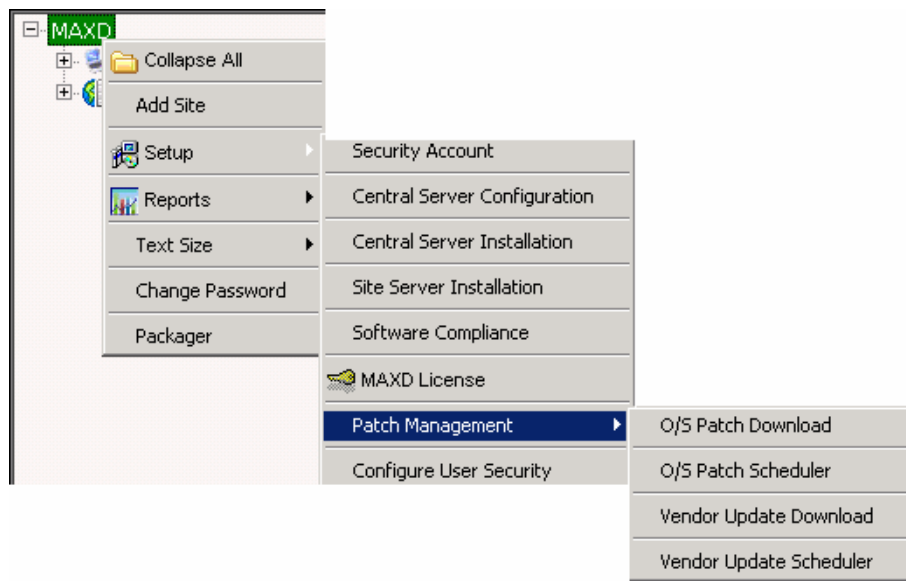
2. Set the time and frequency, and select your applications. Click "OK."

10.3 Using Vendor Update Download

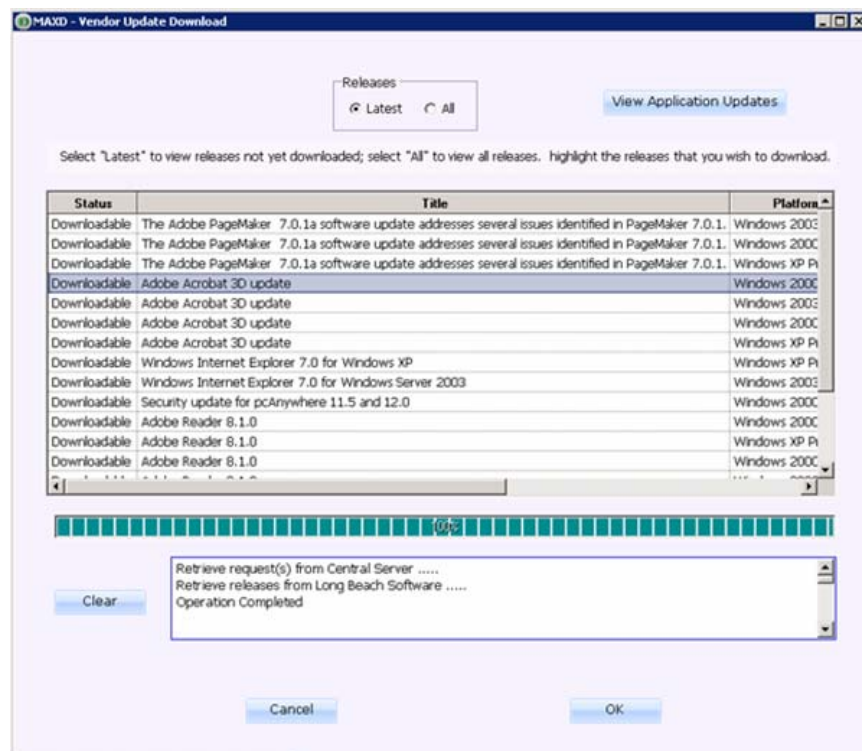
Vendor Update Download allows you to schedule a manual download of application updates.

To schedule a manual application download:

1. Right-click MAXD and go to --> Patch Management --> Vendor Update Download. "Vendor Update Download" window appears.



2. Click on "View Application Updates", and highlight the releases you wish to download.
3. Click "OK." The applications will be downloaded to MAXD console.



10.4 Installing PCs Vendor Update Patches

MAXD allows you to update Microsoft and other applications. No manual drag and drop of computers is required to update Microsoft applications. For Microsoft applications, tag the computers, and MAXD will make the necessary application updates.

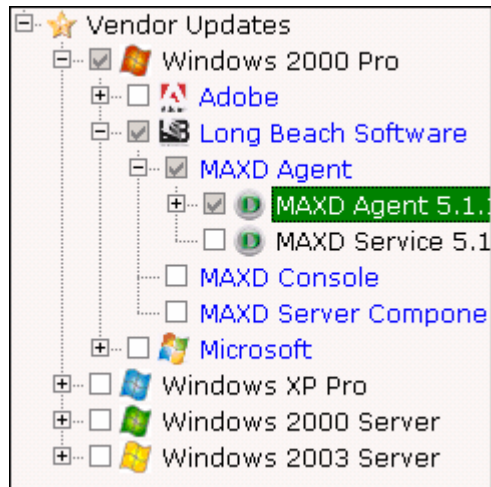
To do that:

1. Go to the desired server and expand to platform level.
2. Use the command menu either at the platform or computer level, and choose "Application Updates." The tagged computers appear with a gold star next to their names.

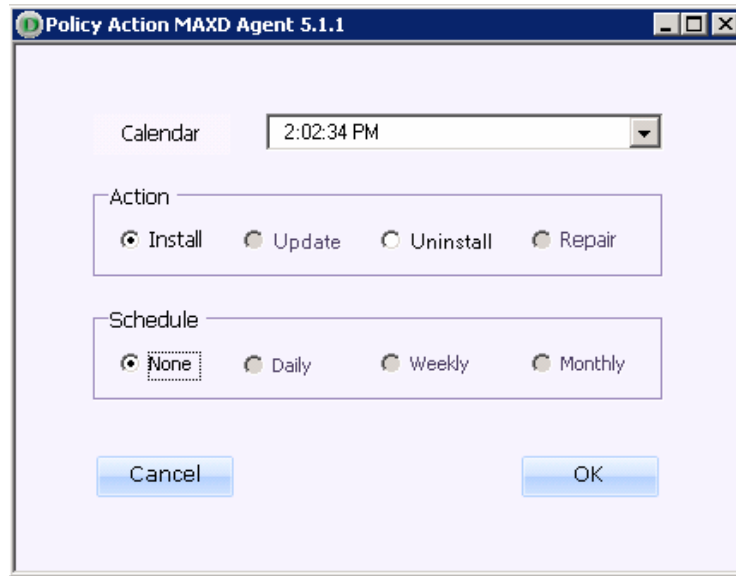
Third party vendor application patches are delivered manually with the drag and drop procedure.

To deliver a third party vendor update policy:

1. Expand "Computers" and "Vendor Update" trees.
2. Drag the desired computer and drop it onto the vendor update policy (MAXD Agent 5.1 is highlighted). A window appears.



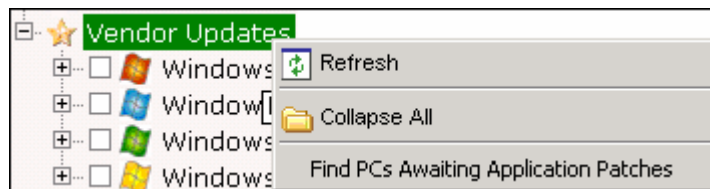
3. Set your calendar, choose your action, and schedule the frequency. Then click "OK."



10.5 Viewing PCs Awaiting Application Patches

To view computers awaiting application patches:

1. Go to "Vendor Updates", and right-click.



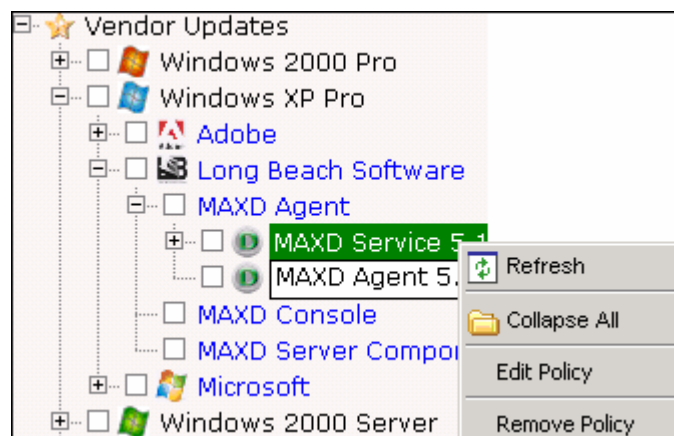
2. Choose "Find PCs Awaiting Application Patches."

If there are PCs awaiting patches (run on the platform level), they will appear in the left pane tree view. If none found, a popup window saying "None Found" will appear in the right pane.

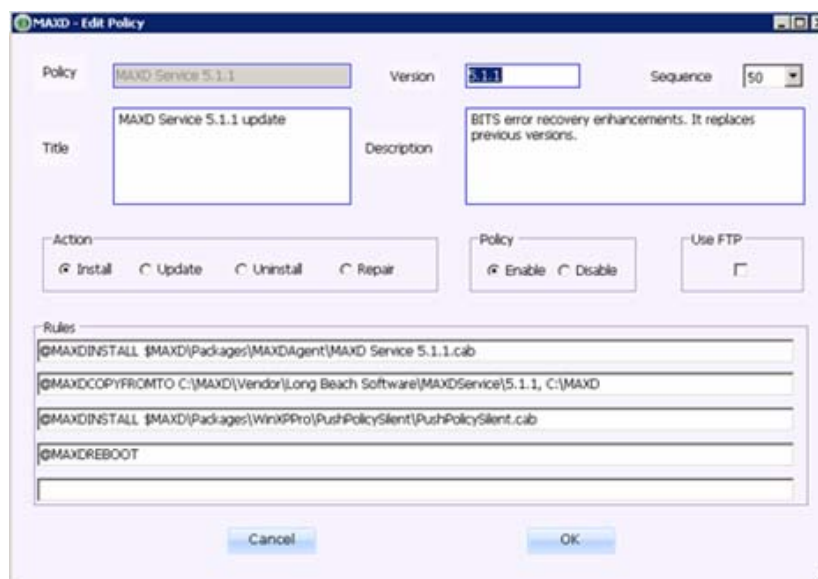
10.6 Editing Vendor Update Policy

To edit a vendor update policy:

1. Expand "Vendor Updates" to a policy (see below).



2. Right-click on the policy, and choose "Edit Policy." "Edit Policy" window appears.

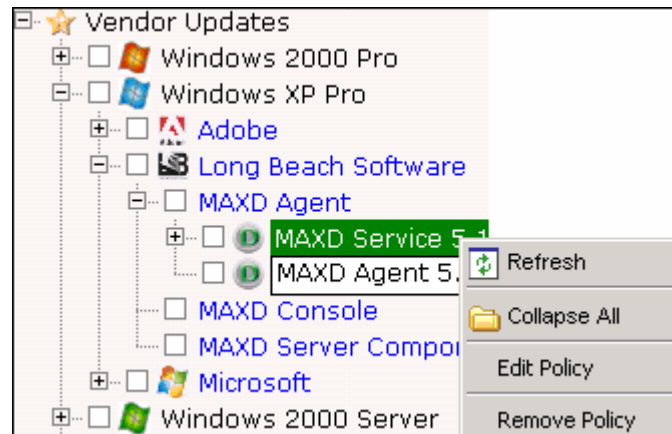


3. Make your changes, and click "OK." The vendor policy is now updated.

10.7 Removing Vendor Update Policy

To remove a vendor update policy:

1. Expand "Vendor Updates" to a policy (see below).



2. Right-click on the policy, and choose "Remove Policy." The policy is now removed from the list.

11 MAXD Packager

11.1 Packager Overview

The MAXD Packager provides the instructions that MAXD Clients use to install and configure software. The MAXD Packager easily enables the following activities:

- Commercial software installation and configuration
- Custom-developed software installation and configuration
- Document management and distribution
- Run time ActiveX installations

With MAXD Packager, you can reliably distribute software, scripts and document collections to a wide corporate audience. Document collections may include text, graphics, spreadsheet, word processing, presentation, or other file formats.

Before proceeding, you must install the MAXD Packager.

Packager Tips

- DO NOT package vendor software if it includes silent switches for installation. Use the "Run Vendor Policy" rule instead.
- DO NOT package Microsoft OS patches.
- Long Beach Software does not recommend packaging server applications.

11.2 Installing MAXD Packager

To install the MAXD Packager by itself on a machine apart from the MAXD Console, use the Packager.msi.

This is generated from the Start menu on your computer by clicking

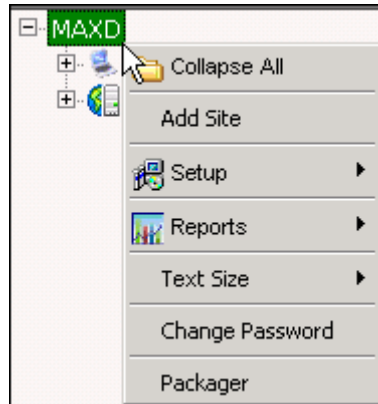
Start —> All Programs —> Maximum Distributor —> MAXD Packager.

Install MAXD Packager (from MAXD Packager.msi) on the target Windows platform. If you are deploying an application program to Windows XP, then you would package the vendor software application on a Windows XP platform. Long Beach Software recommends using a clean installation of Windows when packaging. For more information on packaging software applications, please visit the *MAXD Technical Manual*.

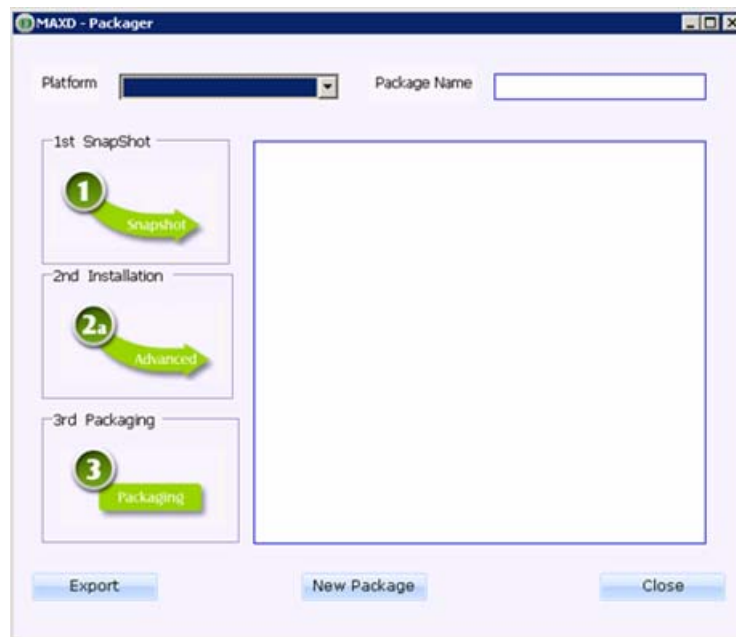
11.3 Using the MAXD Packager within the Console

To use the MAXD Packager within the console:

1. Right-click on the MAXD drop-down menu, and click on "Packager."



2. Select the operating system for the target Client in the Platform drop-down menu (shown below).



3. Add a package name in the Type Package Name text field.
4. Click on the "1 Snapshot" arrow button to take a snapshot of the computer prior to installation.
5. Click on "2a Advanced" to begin capturing the installation process. Once the ADVANCED arrow is pressed, all of your actions will be recorded. The

recording is ended when you click the PACKAGING arrow. This gives you the ability to choose specific options, create folders, and so forth, without the end user's interaction. After the policy is sent to the target computer, the steps recorded will run exactly as performed during the packaging process.

6. Complete the application installation and configuration process.
7. Click on the "3 Packaging" button to complete the package process. The MAXD Packager will compress all the events that occurred during the Installation step into a single *.CAB file. MAXD Packager will create a folder with the same name as the Package Name and place the *.CAB file in the folder. The naming convention is as follows:
C:\MAXD\Packages\<platform>\<package name folder>\<PACKAGE NAME CAB file>
8. Finally, you may use the Export button to copy the package directly to the central or site server.

Note: Alternatively, copy the entire PACKAGE NAME.CAB folder to the FTP site on the Central Server, on the following path:

<FTP site>\Packages\<platform>

By default FTP site = C:\Inetpub\ftproot.

Note: Although you must choose a platform when packaging documents, scripts, etc., these files are not platform dependent, therefore, they do not need to be created for each platform in your environment.

11.4 Packaging Files and Documents

This section gives a demonstration of a real life packaging of files and documents. As an example, we are using the Packager to deliver sales documentation to a distributed sales force, and to each targeted user's desktop.

1. First, gather all documents into a single folder that will serve as the source location for the distribution. Once you have this folder populated and know the source of the directory, proceed with the next steps.
2. Bring up the MAXD Packager by selecting START —> PROGRAMS —> MAXIMUM DISTRIBUTOR —> MAXD Packager.
3. From the Packager dialog box, select the operating system for the target Client in the Platform drop-down menu. In this example, the platform is Windows XP Professional.
4. Enter "Sales" in the Type Package Name text field.
5. Next, click on the "1 Snapshot" arrow button to create a snapshot of the system.
6. Click on the "2a Advanced" arrow to begin creating the package.
7. Using the Windows Explorer, change the directory to C:\Documents and Settings\All Users\Desktop.

8. Create a folder on the desktop called "Sales", and then copy all of the source documents into this folder.
9. Click the "3 Packaging" button, and MAXD Packager will package the installation and create a *.CAB file named and located as follows:
C:\MAXD\Packages\WinXPPro\Sales\SALES.CAB
10. Now, copy the folder "Sales" to the FTP site on the Central Server or Site Server, on the following path:
<FTP site>\Packages\WinXPPro

Note: Alternatively you may use the Export button to copy the package directly to the site or central server.

You are now ready for policy creation and distribution!

11.5 Packaging Scripts

MAXD Packager is an excellent tool for reliably distributing customized scripts. Scripts could be any combination of batch files, executable files, and other file formats.

The example used here assumes that MAXD Packager is being used to update pricing SQL database using DTS (Data Transformation Services), and that the script will be delivered to each targeted PC.

1. First, gather all scripts related files into a single folder that will serve as the source location for the distribution. Once you have this folder populated and know the source of the directory, proceed with the next steps.
2. Bring up the MAXD Packager by selecting Start —> Programs —> Maximum Distributor —> MAXD Packager.
3. From the Packager dialog box, select the operating system for the target Client in the Platform drop-down menu. In this example, the platform is Windows XP Professional.
4. Type "Pricing" in the Type Package Name text field.
5. Next, click on the arrow shaped button labeled "1 Snapshot." Wait for the system snapshot to be completed.
6. Click on the arrow shaped button labeled "2a Advanced."
7. Using Windows Explorer, change the directory to C:\MAXD\Scripts.
8. Create a folder called Pricing, and then copy all of the source scripts related files into this folder.
9. Click the "3 Packaging" button, and MAXD Packager will package the installation and create a cab file called Pricing.cab in the following location:
C:\MAXD\Packages\WinXPPro\Pricing\
10. Now, copy the Pricing folder to packages/Platform in the FTP root on the Central Server or Site Server, for example:
C:\inetpub\ftproot\Packages\WinXPPro

Note: Alternatively you may use the "Export" button to copy the package directly to the Central or Site server.

Note: MAXD executes all scripts under C:\Windows\Temp folder. Instruct your scripts to change directory to your scripting workable area. We strongly recommend that you insert your customized executables or script programs in a batch program file, and its first line should change to its workable script folder area. On this example it would be entered change directory CD C:\MAXD\Scripts\Pricing on the first line of your batch file.

A batch program may look like:

```
CD C:\MAXD\Scripts\Pricing
```

```
DTSRUN /F"PRICING.DTS" /N"Pricing"
```

- PRICING.DTS was copied to C:\MAXD\Scripts\Pricing.
- DTSRUN - Path environment variable determines where DTSRUN is located. It is not necessary to copy DTSRUN under C:\MAXD\Scripts\Pricing. It is assumed that every targeted PC must have its DTSRUN Path environment variable set.

Note: The same concept is applied to any customized scripts or executable programs.

11.6 Packaging Adobe Acrobat Reader

This section provides a step-by-step overview of how the MAXD Packager is used to package the Adobe Acrobat Reader, so you can see how the process is followed with an actual commercial software package. Before beginning this process, please download a copy of the Acrobat Reader installation file from <http://www.adobe.com/products/acrobat/readstep2.html>, (This location is subject to change by Adobe at any time). Desktop of the Packager system is a recommended place to save the downloaded file.

1. First, bring up the MAXD Packager by selecting Start —> Programs —> Maximum Distributor —> MAXD Packager.
2. From the Packager dialog box, select the operating system for the target Client in the Platform drop-down menu. In this example, the platform is Windows XP Professional.
3. Now type "Acrobat Reader" in the Type Package Name text field.
4. Next, click on the Snapshot arrow button.
5. Click on the "2a Advanced" arrow button.
6. Install Adobe Acrobat Reader from the installation file downloaded earlier.
7. When the installation is complete, click the Packaging button to complete the package. The MAXD Packager will package the installation and create a *.cab file in the following location:

C:\MAXD\Packages\WinXPPro\Acrobat Reader\Acrobat Reader.cab

8. Now, copy the Acrobat Reader folder to the FTP site on the Central Server or Site Server, on the following path:

<FTP site>\Packages\WinXPPro

Note: Alternatively you may use the Export button to copy the package directly to the central or site server.

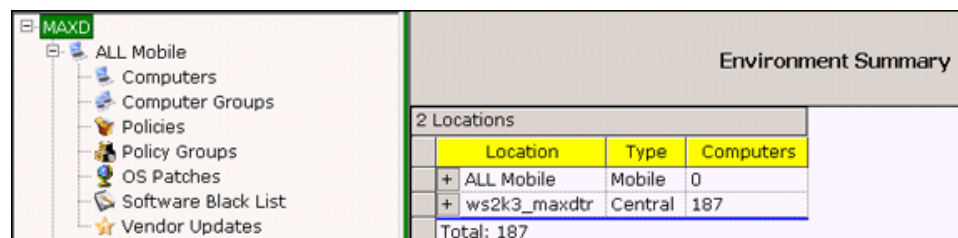
You have now packaged Adobe Acrobat Reader for installation!

12 Managing Mobile Computers

MAXD allows you to view the summary of all mobile computers by platform. Mobile computers are systems that are not attached to the network. They are connected via the Internet.

To view all mobile computers:

1. On the left pane of MAXD Console, under ALL Mobile, click on "Computers." You will see a number of computers categorized by platform.
2. You can either click on your desired platform there, or choose from the right pane (shown below).



| Environment Summary | | | |
|---------------------|--------------|---------|-----------|
| 2 Locations | | | |
| | Location | Type | Computers |
| + | ALL Mobile | Mobile | 0 |
| + | ws2k3_maxdtr | Central | 187 |
| Total: | | | 187 |

Note: For ALL Mobile, follow all the procedures for left pane features, such as "Computers, "Computer Groups", etc., described above.

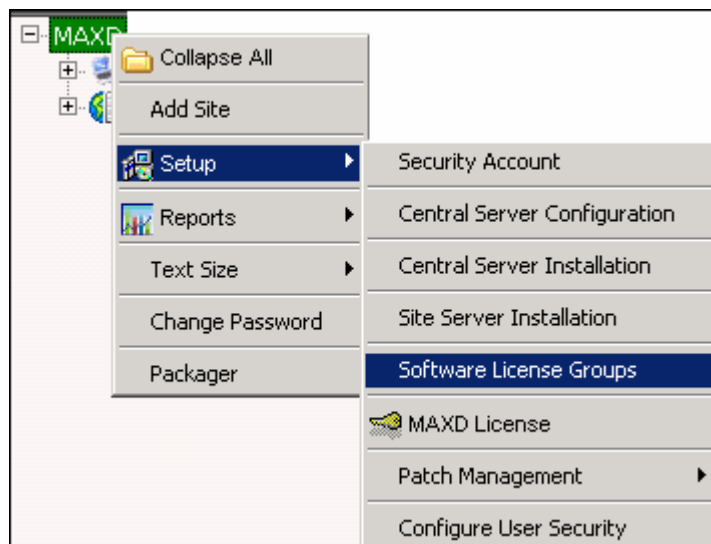
13 Creating a Software License Group

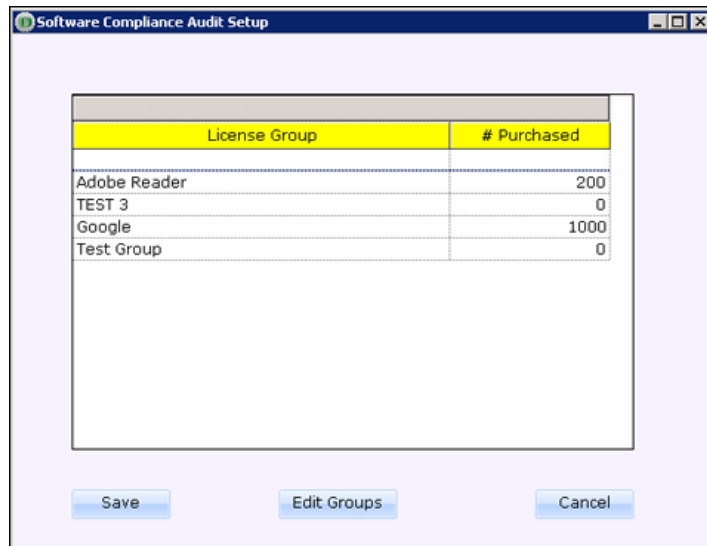
MAXD allows you to create a group name and add the software associated with that group. Your group will include the number of licenses that you have created, and MAXD will keep track of your allowed number of licenses in that group.

For Example, if you create a group called Microsoft Office, you can add MS Office 2003 and MS Office 2007 to the group, and 500 for the number of licenses you have purchased. Then, in a report, MAXD counts that you are using 150 copies of MS Office 2003 and 250 copies of MS Office 2007, giving you a total of 400 licenses in use for the MS Office group. That way you will always know how many licenses are left in your license group to go around.

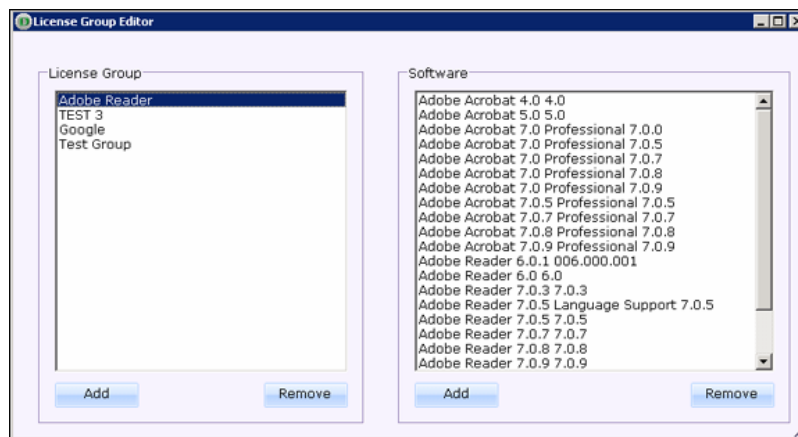
To create a software license group:

1. In the Command Menu for MAXD, go to Setup —> Software License Groups. A screen appears listing the current license groups.

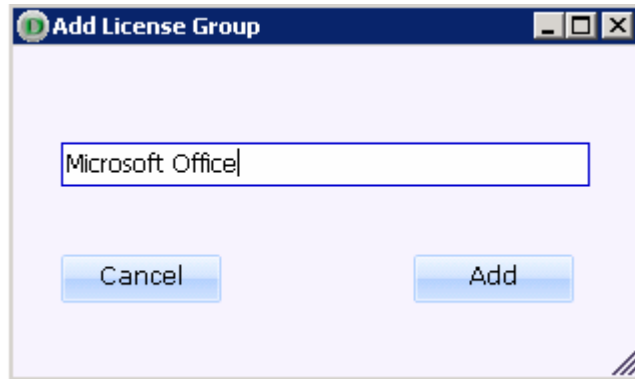




2. Click "Edit Groups" to add a new license group.
3. On the new screen (see below), click "Add" under the License Group field. A pop-up window appears.



4. Enter the name of the group in "Add License Group", and click "Add." A screen appears with a list of all license groups and the applications associated with each group. The newly created license group, Microsoft Office is displayed in the list.

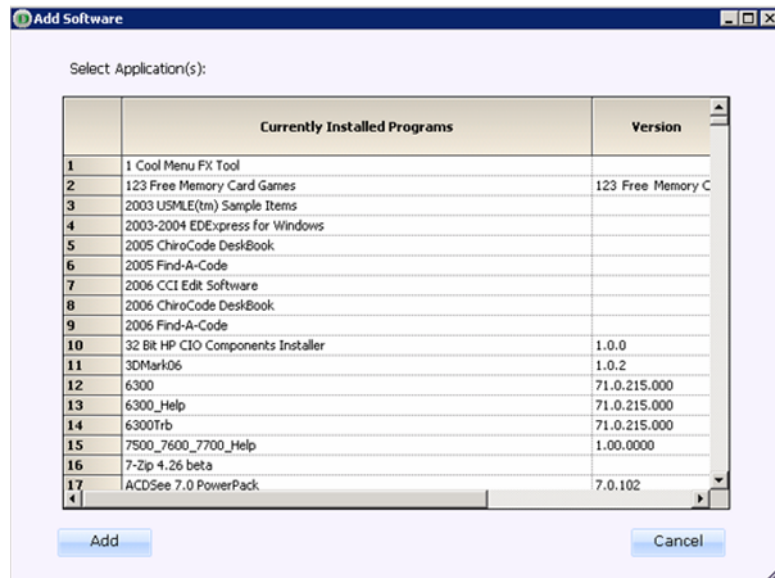


5. To include applications in this group, click the Add button in the Software field.

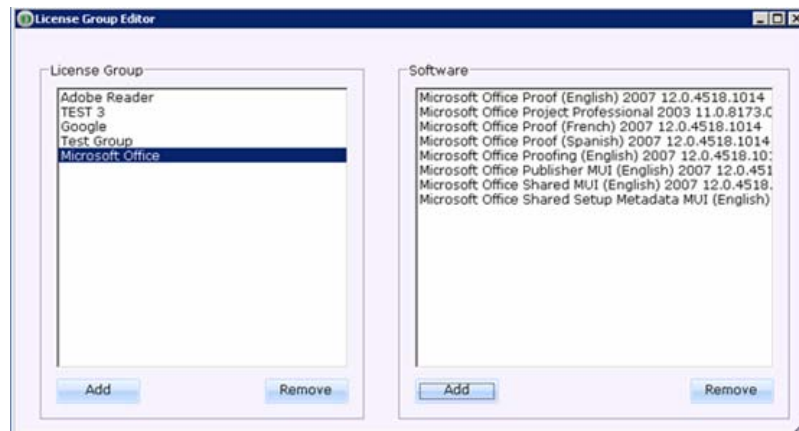


Now you can choose all of the applications that make up the Microsoft Office group. If you know that your organization has 500 copies of Microsoft Office licensed, but both MS Office 2003 and MS Office 2007 are included in those licenses, you would want to include them both in the license group so that MAXD can keep track of these licenses.

6. In the "Add Software" window, highlight the desired software for the group, and click "Add."



A list appears with all of the applications that you have chosen to monitor within the Microsoft Office License Group.



7. Close this screen, and return to the main License Group Screen to manually enter the number of licenses that have been purchased.

The image shows a window titled "Software Compliance Audit Setup". Inside the window is a table with two columns: "License Group" and "# Purchased". The table contains the following data:

| License Group | # Purchased |
|------------------|-------------|
| Adobe Reader | 200 |
| TEST 3 | 0 |
| Google | 1000 |
| Test Group | 0 |
| Microsoft Office | 500 |

Below the table are three buttons: "Save", "Edit Groups", and "Cancel".

8. Click in the "# Purchased" field next to Microsoft Office and type in 500. Click "Save", and you are done.

14 Glossary of Terms

| Term | Definition |
|-----------------------|---|
| ALL Mobile | Represents roaming MAXD Clients, such as laptops and remote users like work-from-home employees. These computers are not attached to the network. They are connected via the Internet. |
| Central Server | The Central Server is the system used to administer MAXD for the entire customer environment. It manages all Site Servers. This system stores all registered client systems and their configurations, as well as created policies. The Central Server may also serve as the FTP Server, depending on the environment. |
| Clients | Clients are all of the systems on which the MAXD client software is installed, enabling them to have their software managed from the Central Server or the Site Server. |
| Command Menu | MAXD command menu is basically the right-click menu option on your mouse. The menu options will vary based on the item or the level you right-click on. In most cases for example, there may be main category level, platform level, and individual item level options. For your convenience, this manual illustrates the various command menu options with screen shots wherever needed. |
| FTP Server | If used, the FTP Server is the Central Sever storage system for packages, operating system service packs and patches. The FTP Server is also the Site Server storage system for packages, operating system service packs and patches. |
| MAXD | Maximum Distributor |
| MAXD Agent | The agent resides on all Clients and is used to check for new packages to install, begin the installation process at the prescribed date and time, and perform other related tasks on the Clients. |
| MAXD Console | The Console is used by the MAXD administrator(s) to perform MAXD tasks. |
| MAXD Packager | The MAXD Packager provides the instructions that MAXD Clients use to install and configure software. With MAXD Packager, you can reliably distribute software, scripts and document collections to a wide corporate audience. Document collections may include text, graphics, spreadsheet, word processing, presentation, or other file formats. |
| OU | Organizational Unit |
| Package | A Package is a collection of files and instructions bundled together by MAXD for the purpose of installing software applications and making other configuration changes as necessary. A Package is stored as a .cab file. |
| Policy | A Policy specifies the rules MAXD will follow when handling a Package. A single Policy may contain multiple Packages, such as one to install an application, a second to configure the installed software, and a third to reboot the Client at the end of the installation and configuration process. The policy ensures that the sequencing of events is correct. |
| Policy Groups | Policy Groups enable the administrator to establish Policies for specific work groups (such as organizational functions or geographical locations) in the MAXD environment, and group multiple policies together for a single, easy delivery of multiple items, including |

| | |
|-----------------------|--|
| | applications, scripts, and documents. Using Policy Groups also reduces the administrative time necessary to manage software on Clients that are part of a designated group. |
| Site Server(s) | Site Server(s) is used to decentralize the work load bandwidth. All Site Servers communicate to the Central Server. It stores all registered client systems and their configurations, as well as created policies. The Site Server may also serve as the FTP server. |