



# **Easy Manage ® Admin Program Guide**

**Version 4.4**

**The System Management and  
Configuration Tool  
for your Complete ICT infrastructure.**

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## About This Guide

The purpose of this guide is to assist the Administrator by managing all components in the ICT infrastructure. This guide will explain the working of the Easy Manage Admin Program. The easy Manage Helpdesk and Self Supported Helpdesk programs are explained in the Easy Manage Helpdesk Program Guide.

Other Easy Manage Manuals are:

- Easy Manage Configuration Guide
- Easy Manage Helpdesk Program Guide
- Easy Manage Reference Guide



## Table of Contents

<b>TABLE OF CONTENTS</b> .....	<b>5</b>
<b>EASY MANAGE ADMIN PROGRAM</b> .....	<b>7</b>
GENERAL .....	7
<i>Conventions</i> .....	7
<i>Substitutions</i> .....	7
<i>Plug-ins</i> .....	7
LOGIN .....	8
<b>CONFIGURATIONS MENU</b> .....	<b>9</b>
<i>Workstations</i> .....	10
Add/Modify Workstation .....	11
Show/Modify Invoice .....	14
Options .....	15
Show/Modify Installed Initial Software .....	16
Show/Modify Installed Device .....	20
Show/Modify Installed Adapter .....	24
Show/Modify Installed Application .....	25
Create/Modify Workstation Profile .....	26
<i>Servers</i> .....	27
Add/Modify Server .....	27
User Plug-ins .....	28
<i>Printers</i> .....	29
Add/Modify Printer .....	29
<i>Other CI's</i> .....	30
Add/Modify CI .....	30
<b>NETWORK MENU</b> .....	<b>31</b>
<i>Connections</i> .....	32
Show/Modify Connection .....	33
<i>Network Components</i> .....	34
Add/Modify Network component .....	34
<b>TELECOM MENU</b> .....	<b>35</b>
<i>Telecom Devices</i> .....	36
Add/Modify Telecom Device .....	36
<i>Phone Numbers</i> .....	37
Add/Modify Phone Number .....	37
<i>Pilot Numbers</i> .....	38
Add/Modify Pilot Number .....	38
<i>Control Plans</i> .....	39
Add/Modify Control Plan .....	39
<i>Speed Dial Numbers</i> .....	40
Add/Modify Speed Dial Number .....	40
User .....	41
Company .....	42
<i>Telecom Groups</i> .....	43
Add/Modify Telecom Group .....	43
<b>ORGANIZATION MENU</b> .....	<b>45</b>
<i>Users</i> .....	46
Add/Modify User .....	46
Easy Manage .....	48
Create/Modify User Profile .....	49
<i>Departments</i> .....	50
Add/Modify Department .....	50
<i>Companies</i> .....	51
Add/Modify Company .....	51
<i>Locations</i> .....	53
Add/Modify Location .....	53

<b>SOFTWARE MENU .....</b>	<b>55</b>
<i>Operating Systems .....</i>	<i>56</i>
Add/Modify Operating System .....	56
Show/Modify Template .....	58
<i>Initial Software .....</i>	<i>59</i>
Add/Modify Initial Software .....	59
Script .....	61
Invoice .....	62
Drivers .....	63
License .....	64
TCP/IP .....	65
IPX .....	66
Network/OS .....	67
<i>Application Workspaces .....</i>	<i>68</i>
Add/Modify Application Workspace .....	68
License .....	70
Script .....	71
Show/Modify Easy Manage Information File .....	72
<i>Platforms .....</i>	<i>73</i>
Add/Modify Platform .....	74
<i>Groups .....</i>	<i>75</i>
Add/Modify Group .....	75
Applications .....	77
Schedule .....	78
<i>Substitutions .....</i>	<i>79</i>
Add/Modify Substitution .....	79
<b>HARDWARE MENU .....</b>	<b>81</b>
<i>Machine types .....</i>	<i>82</i>
Add/Modify Machine Type .....	83
<i>Hardware Types .....</i>	<i>85</i>
Add/Modify Hardware Type .....	85
Drivers .....	87
Partition Scheme .....	88
Add/Modify Partition Scheme .....	89
<i>Memory Types .....</i>	<i>90</i>
Add/Modify Memory Type .....	90
<i>Processor Types .....</i>	<i>91</i>
Add/Modify Processor Type .....	91
<b>SETUP MENU .....</b>	<b>93</b>
<i>Classes .....</i>	<i>94</i>
Add/Modify Class .....	95
<i>Port Types .....</i>	<i>97</i>
Add/Modify Port Type .....	97
<i>Bus Types .....</i>	<i>98</i>
Add/Modify Bus Type .....	98
<i>Manufacturers .....</i>	<i>99</i>
Add/Modify Manufacturer .....	99
<i>Maintain System Parameters .....</i>	<i>100</i>
Configuration defaults .....	101
Configuration Fields .....	103
User Fields .....	104
<i>EZM Roles .....</i>	<i>105</i>
Add/Modify Role .....	105
Menu .....	106
<i>CI types .....</i>	<i>107</i>
Add/Modify CI types .....	107
<b>CONTROL MENU .....</b>	<b>109</b>
<i>Collect Data .....</i>	<i>109</i>
<i>Create Bootdisk .....</i>	<i>109</i>
<i>Export .....</i>	<i>110</i>
<i>Loggings .....</i>	<i>111</i>

## Easy Manage Admin Program

### General

All components used in your organization have to be defined to make them available for using them as part of a configuration. All information on the components is accessible from the Main Menu, click the appropriate button to enter the list screen of the selected component.

Defining and maintaining the various components allows you to set default values for standard and additional fields. These defaults may be overwritten while tuning the component after it's assigned to a configuration. The final values (default or tuned) that have been set in the configuration will be used to build Answer Files when preparing the configuration.

A configuration is always a combination of defined components; this includes hardware, software, drivers, applications etc.

### Conventions

All list screens have default New, Open, Delete, Search and Sort functions. The New and Open functions will supply the detail screen. Double click on a row in a list screen activates the same function as Open. The button New will create a new object and Delete will delete an object of the database. On Tab's you could see the buttons Add and Remove. An Add will create a relation and a remove will remove a relation to another object in the database.

You can only delete a component, if it does not have a relation with another component.

In the Easy Manage screen shots, you will find gray, white, blue and yellow fields to store information. The gray field contains read-only information, the white fields contain optional information, the blue fields contain important information and the yellow fields require input when adding or modifying a component.

Generally there are four types of information:

Required	(type R)	Yellow
Recommended	(type C)	Blue
Optional	(type O)	White
Read-only		Gray

Fields with a **red label** has a special meaning. If you enter a value in this field, which was not yet defined, you will get the choice to create and use this value.

The button [...] on each screen will give you a detailed information of the object.

Use the % in front of a search string when you want to search for an occurrence of the string, when you are using the **like** option in the search function.

### Substitutions

The Easy Manage Admin Program will create answer files with substitutions from the Configuration Database. These substitutions will be used in scripts for installation of an application, Initial Software or Easy Manage profiles.

The substitution name is shown in the documentation in the tab fields between '{' and '}'. See the Easy Manage reference guide for a further explanation of these substitutions.

A substitution name has the following conventions:

- The name consists of alphanumeric characters (A-Z, a-z and 0-9).
- A name ended with a dollar sign '\$' means it is a string value.
- A name ended with a question mark '?' means it is a Boolean value.
- Max. 15 Characters including the post-fix.
- The Name will have a prefix of the Class name, when it is written in the Answer file of the configuration where this component is used (e.g. Ethercrd\_Wire\$ where Wire\$ is the name).

### Plug-ins

Plug-ins are user-defined commands that will be executed with the parameters from the Configuration Database. You may use %AdminDir% or %ProgramDir% as relative path for the command. Common, User, Group and Application Substitutions could be used as parameter. The parameter to substitute, should be embedded between '{' and '}'. E.g. {UserName\$}. If a variable not could be evaluated, the program will ask for it.

## Login

Start the application with your browser by typing `http://<Easy Manage web server>[: connection port]/ezmanage` in the address field. The application will first look if the Java Runtime Environment was installed and if not it will download and install it. Then the .jar file is downloaded from the Easy Manage web server and asks you to certify the application. Click always, if you don't want this question each time you start the application.



Enter your username and password and click the **Login** button.

If you login for the first time, enter **ezm** as username and **ezm** as password.

If there are news items, then you can click on the Official News item to open the news items screen.

## Configurations Menu

With the Configurations Menu, you can maintain and control all the workstations, servers and printers in your infrastructure.

The screenshot displays the Easy Manage Admin Program interface within a Microsoft Internet Explorer browser window. The browser title bar reads "Easy Manage - Microsoft Internet Explorer" and the address bar shows "www.ezmanage.nl". The EZM logo is prominently displayed in the top left, and "Version V4.3" is shown in the top right. A vertical navigation menu on the left lists various system components: Configurations, Workstations, Servers, Printers, Groups, Substitutions, Objects, Network, Telecom, Organization, Software, Hardware, Helpdesk, Helpdesk Setup, Control, Setup, Help, and Logout. The main content area is titled "Configurations" and provides detailed descriptions for each sub-menu item:

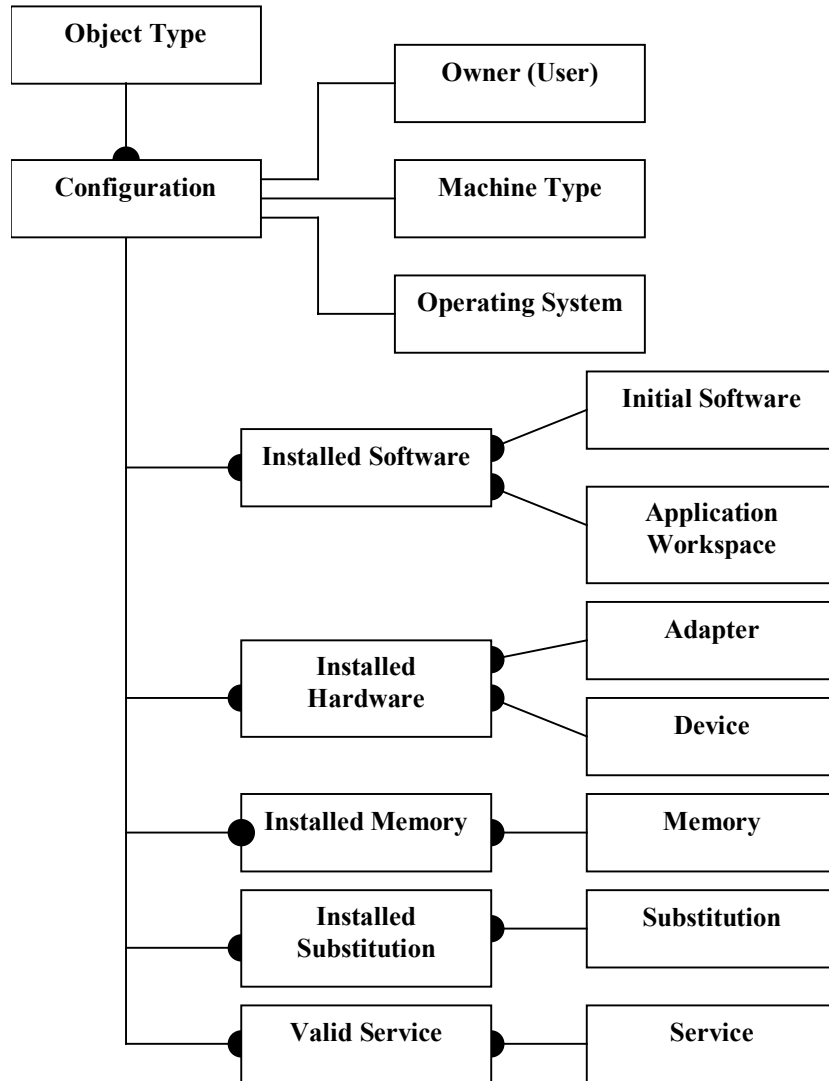
- Workstations:** With the Workstation submenu you can list all workstations, add a new, modify, copy or remove one. You can manage your workstations for installation, distribution of software, remotely take over and creating connections into the infrastructure.
- Servers:** With the Servers submenu you can list all defined servers, add a new, modify or remove one. So you can have a complete overview of all servers in your organization. When defining a server the Inventory Number will always be the key. It is therefore advisable to stick a label with the Inventory Number on the machine, so that it always can be identified on the outside. You can control the server with the defined AddOn's. You can create AddOn's when a user is added to or removed from a server. This means, that you can use this function to control users on all servers in your infrastructure.
- Printers:** With this Printers submenu you can list all network printers, add a new, modify or remove one. You can control the printer with the defined AddOn's. When defining a printer the Inventory Number will always be the key. It is therefore advisable to stick a label with the Inventory Number on the machine so that it always can be identified on the outside. A network printer could be connected on a Workstation or Server.
- Groups:** With the Groups submenu you can list all defined configuration groups, add a new, modify, show or remove one. A configuration group could be used to put Applications and Configurations in. An Application in a configuration group will be installed by all configurations belonging to that group. You can schedule an install or delete action for a group of applications on a group of configurations.
- Substitutions:** With the Substitutions submenu you can list the defined substitutions for all configurations, add a new or modify one. If you want to use extra variables in a template related to a configuration, you can use this function to add your own variables. You can create a substitution value to create a directive to the Knowledge Base in a multiple site environment. A new substitution will only effectuated on new installed workstations and workstations where changes are made in the Initial Workspace.
- Objects:** With the Objects submenu you can define all objects other than servers, printers, network components and workstations, used in an organization. You can perform add, modify and delete functions with this submenu.

At the bottom of the interface, status information is provided: "Build Number : 04122207", "Registered Calls : 2 Calls", and "User Name : Ezm". A "Local intranet" icon is visible in the bottom right corner. A small inset image of a computer monitor and keyboard is also present on the right side of the main content area.

## Workstations

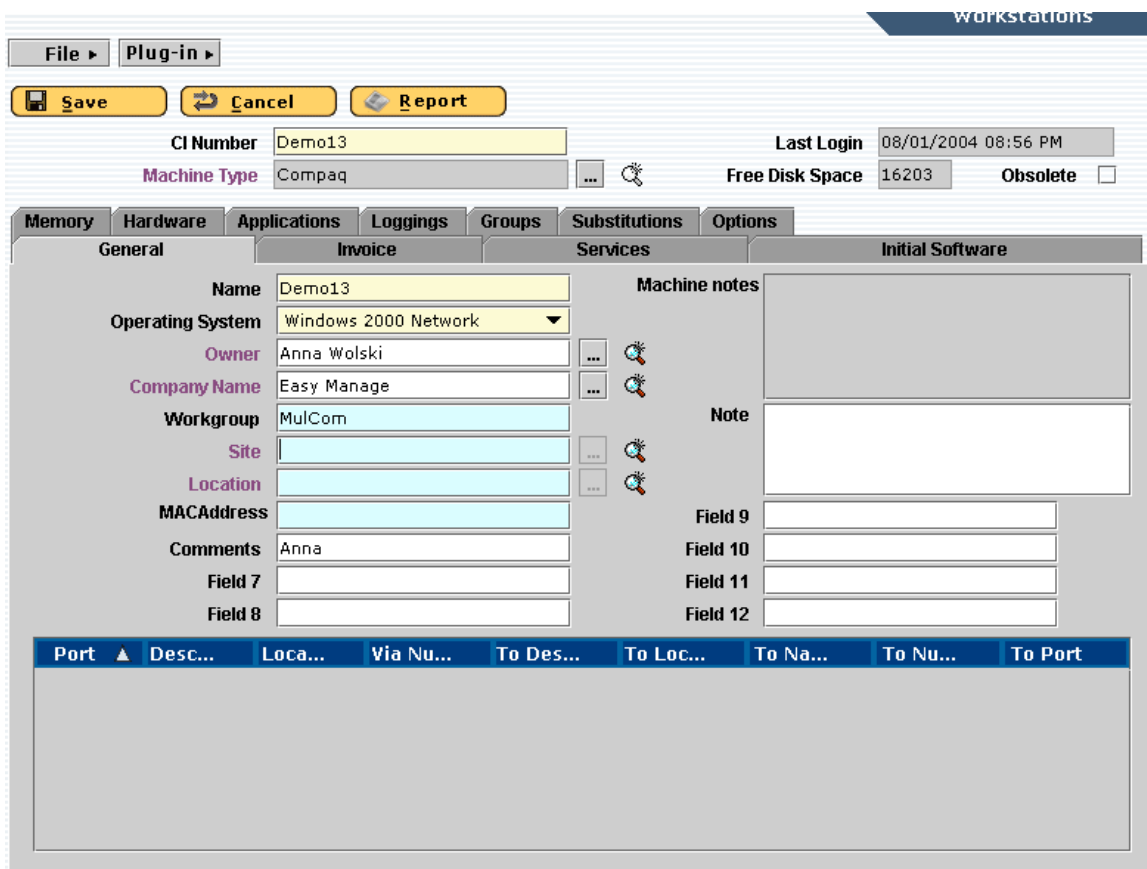
With this function you can list all workstations, add a new, modify, copy or remove one. A workstation is a configuration with installed hardware and software. You can manage your workstations for (re-) installations, distribution of software, remotely take over and creating connections into the infrastructure.

The relations:



### Add/Modify Workstation

This function allows you to add a new one, to show or to modify the selected workstation. When defining a workstation the CI Number will always be the key. It is therefore advisable to stick a label with the CI Number on the machine so that it always can be identified on the outside.



Field	Description
<b>CI Number</b> {InventoryNumber\$}	Enter the unique CI Number for the workstation. When the Add function was started, then the CI Number will be enumerated with the prefix defined in the System Parameters.
<b>Machine Type</b> {Machine_Type\$}	Select the defined or enter a new unique type of machine for this workstation. When all required fields are filled in, then all components of the machine type will automatically be installed.
Last login	Shows the timestamp of the last time that was logged in on the workstation.
Free Disk Space	Shows the space in Mb free on the C: drive of this workstation.
<b>Obsolete</b>	Enable this field, if the workstation no longer will be used. It will decrease the number of used licenses.
<b>Name</b> {MachineName\$}	Enter the unique name of the machine.
<b>Operating System</b>	Select the defined Operating System for this workstation. If you change the Operating System, then all available Initial Software and Application Workspaces will be changed according to the Operating System.
<b>Owner</b> {FullName\$}, {UserName\$}	Select the full user name of the defined users as the owner of this workstation.
<b>Company Name</b> {CompanyName\$}	Select the defined or enter a new unique name of the company who owns this workstation.
<b>Work Group</b>	Enter the workgroup to which this workstation belongs.

<i>{WorkGroup\$}</i>	
<b>Site</b> <i>{Site\$}</i>	Select the defined or enter a new unique name of the site of this workstation.
<b>Location</b>	Select the defined or enter a new location of this workstation.
<b>MAC Address</b>	Enter the Mac Address of the installed machine (xx-xx-xx-xx-xx-xx). If this field is filled and matches with the Mac Address of the NIC in the machine, then the BOOT DISK will not ask for the CI Number, but will start to install this machine. When this MacAddress was found more then once in the Database, then the BOOT DISK will ask for the CI Number.
<b>Comments</b> <i>{Comments\$}</i>	Enter the comments for this workstation. Windows will use this field.
<b>Note</b>	Enter additional information of this workstation.
Machine Notes	Shows the notes of the selected machine type.
<b>Field7 .. 12</b>	These fields are user definable fields and could be defined in the system parameters setup and will be shown if the label is not empty.

<i>Tab/Button</i>	<i>Description</i>
<b>Initial Software</b>	This tab lists the defined and installed Initial Software for this configuration and you can add a new, modify or remove one in this configuration. This is the Initial Workspace of a configuration and the changes will only be effectuated, when the configuration is (re) installed. See the <b>Show/Modify Installed Initial Software</b> function.
<b>Invoice</b>	This tab lists the invoice data. See the <b>Show/Modify Invoice</b> function.
<b>Memory</b>	This tab lists all defined and installed memory cards on this configuration. On this tab you can add a new or remove one.
<b>Hardware</b>	This tab lists the defined and installed adapters and devices in the configuration. You can add, show, modify or remove an adapter and a device. See the <b>Show/Modify Installed Adapter</b> function and the <b>Show/Modify Installed Device</b> function. The adapters and devices are a part of the Initial Workspace and will only be effectuated when the configuration is (re) installed. Not each adapter or device is important for the configuration process, but could be important for asset management. At least a network adapter should be configured. A printer device has a special function. The adapters and devices are a part of the Initial Workspace and changes will only be effectuated when the configuration is (re) installed.
<b>Applications</b>	This tab lists all the defined and installed Application Workspaces on this configuration. On this tab you can add a new, modify, show or remove a Application workspace. To configure the Application Workspaces for this workstation, follow the instructions in the chapter <b>Show/Modify Installed Application</b> .
<b>Groups</b>	This tab lists all defined configuration groups and the groups where this workstation belongs to and you can add or remove the workstation to or from a configuration group. You can show and/or reinstall the applications in a selected group (Installed on the workstation).
<b>Substitutions</b>	This tab lists the defined substitutions for this configuration. You can modify them so the new value will be used, when the configuration or an application is (re) installed. The substitution value is added with the function Maintain Substitutions for all configurations.
<b>Services</b>	This tab lists all the defined services of contracts and selected services for this workstation. You can add or remove a service to or from this workstation.
<b>Calls</b>	Lists all related calls for this workstation and you can show the calls in detail.
<b>Loggings</b>	This tab shows all actions related to this workstation.

<i>FileMenu</i>	<i>Description</i>
-----------------	--------------------

---

<b>Program Audit File</b>	Starts Notepad to show the contents of the AUDIT file.
<b>Log File</b>	Starts Notepad to show the contents of the Log file.
<b>Test Preparation</b>	Starts the test preparation procedure. You can use this procedure to simulate an installation of a workstation.
<b>ICF File</b>	Starts Notepad to show the contents of the ICF file.
<b>Answer File</b>	Starts Notepad to show the contents of the Answer file.
<b>Setup File</b>	Starts Notepad to show the contents of the Setup file after a test preparation.
<b>Install File</b>	Starts Notepad to show the contents of the Install file after a test preparation.
<b>Rebuild</b>	Creates a new ICF and Answer file.
<b>Profile</b>	Starts Notepad to show, add or modify the Machine profile. See the <b><u>Create/Modify Workstation Profile</u></b> function.
<b>Plug-in</b>	De contents of this menu depends on the defined Plug-ins. See the Setup -> Plug-ins submenu.

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## Show/Modify Invoice

With this tab you can show and change the invoice data for this workstation.

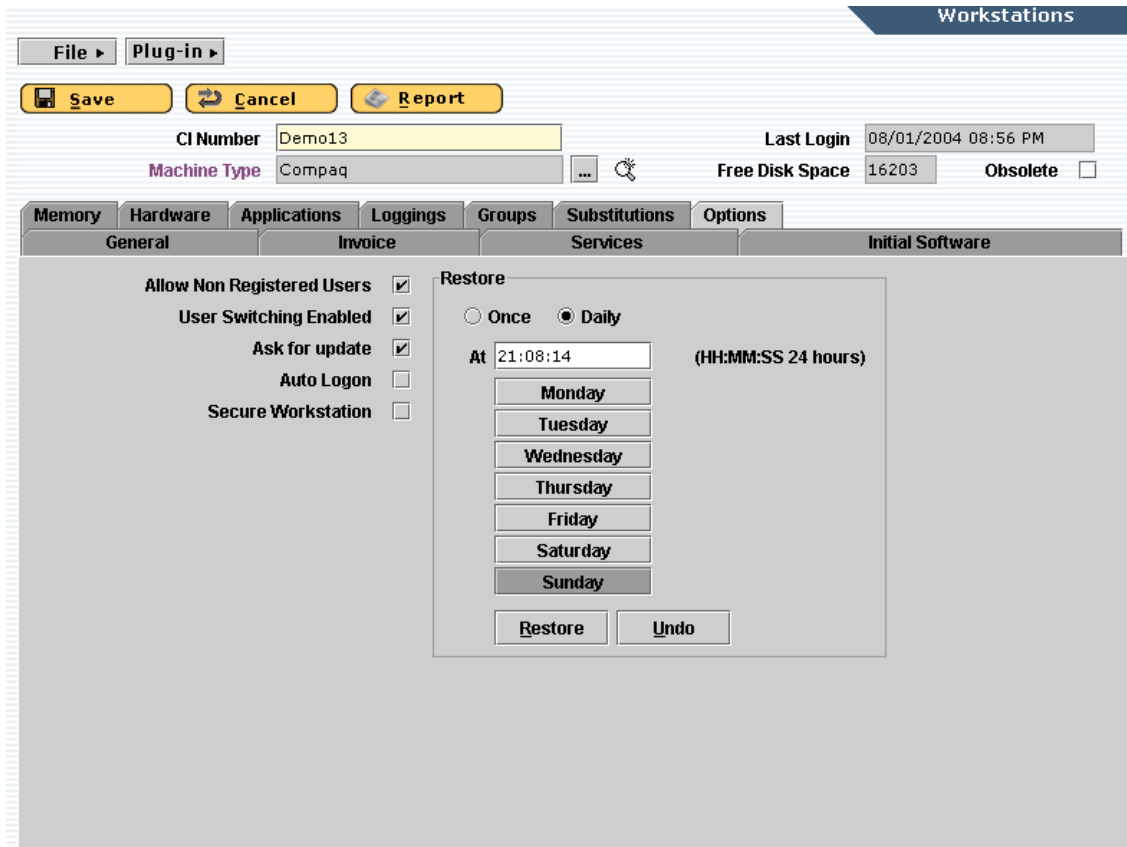
The screenshot shows the 'Workstations' application window. At the top right, the title bar says 'Workstations'. Below it are 'File' and 'Plug-in' menus. There are 'Save' and 'Cancel' buttons. The main area is divided into several tabs: 'Memory', 'Devices', 'Adapters', 'Applications', 'Loggings', 'Groups', 'Substitutions', and 'Options'. Under 'Applications', there are sub-tabs: 'General', 'Invoice', 'Mappings', 'Shares', 'Services', 'BIOS info', and 'Initial Software'. The 'Invoice' tab is selected. It contains the following fields:

- Inventory number: Demo10
- Machine Type: Compaq
- Last Login: 22/05/2003 10:13 PM
- Free Disk Space: 522
- Obsolete:
- Supplier: MulCom B.V.
- Serial number: [empty]
- Invoice date: 20/11/2001
- Order number: [empty]
- Invoice number: [empty]
- Field 1: [empty]
- Field 2: [empty]
- Field 3: [empty]
- Field 4: [empty]
- Field 5: [empty]
- Field 6: [empty]
- Obsolete date: [empty]
- Created By: [empty]
- Modified By: ezm
- Date of creation: [empty]
- Date of modification: 19/04/2004 10:29 PM

<b>Field/Button</b>	<b>Description</b>
<b>Supplier</b>	Select the defined company as supplier of this workstation.
<b>Serial Number</b>	Enter the serial number of this workstation.
<b>Invoice Date</b>	Enter the invoice date of this workstation.
<b>Order Number</b>	Enter the order number of the order of this workstation.
<b>Invoice Number</b>	Enter the invoice number of this workstation.
<b>Field1 .. 6</b>	These user definable fields are defined in the system parameters setup and will be shown if the label is not empty.
<b>Creation Date</b>	Shows the date of creation of the configuration.
<b>Obsolete date</b>	Shows the date, when the configuration made obsolete.

## Options

With this tab you can show and modify the options for this workstation. You can restore the workstation once or daily on a scheduled time. The default values of the options are set with the Setup System Parameters function Configuration Defaults.



<b>Field/Button</b>	<b>Description</b>
<b>Allow Non-Registered Users</b>	Enable this option, if non-defined Easy Manage users are allowed to log on to this workstation. If you disable this field, then the workstation will reboot when a user logs on without being registered within Easy Manage.
<b>User Switching Enabled</b>	Enable this option, if each user should get its own desktop on this workstation. (Only Windows 9x).
<b>Ask for update</b>	Enable this option, if the update dialog box has to appear when Application Workspaces are installed, updated or removed on the workstation. It is advisable to disable this option for dedicated workstations.
<b>Auto logon</b>	Enable this option, if you never want to login with a different user then the user entered for Unattended User in the System Parameters.
<b>Secure Workstation</b>	Enable this option, when the workstation has to be created as a secure workstation. This means that only administrators will have administrator rights.
<b>Once / Daily</b>	Select if the restore has been scheduled for once or daily. If the restore has to be done daily, then the days have to be defined otherwise the date of restore has to be filled.
<b>Date</b>	Enter the data of the action. The restore will be scheduled once for that date. The restore will be done immediately, when the time defined with <b>At</b> is expired.
<b>At</b>	Enter the time of the action.
<b>Undo button</b>	This will undo the action before the workstation is busy to restore.
<b>Monday ... Sunday</b>	Select the days to restore the workstation.
<b>Restore button</b>	This button saves the restore information.

### Show/Modify Installed Initial Software

With this tab you can modify or show the selected Initial Software. The form that will be shown will be different for each kind of class type of the application. The values defined in the Initial Software Type will be used as default values. The drivers and setup scripts defined in the Initial Software Type will be installed in the Initial Workspace.

Installed Initial Software

Save
 Cancel

**Name**

**Class**

**Note**

**Version**

License

Network/OS

TCP/IP

**License number**

**Authentication key**

**Created By**

**Modified By**

**Date of creation**

**Date of modification**

<i>Field</i>	<i>Description</i>
Name	The name of the Initial software.
Version	The Version of the Initial software.
Class	The class of the Initial software.
{Class}	
Model	The model of the Initial software.
{Model}	
Note	The notes of the Initial software will be shown.

Tab **License**: In this tab you can define the License parameters for this workstation. The values defined in the Initial Software type will be used as default values.

<i>Field</i>	<i>Description</i>
<b>Serial Number</b> {<C>_SerialNumber}\$	Enter the serial number of the application.
<b>Authentication Key</b> {<C>_AuthKey\$}	Enter the Authentication key of the application.

<i>Tab</i>	<i>Description</i>
<b>Substitutions</b>	This tab shows the substitutions which were defined for this Initial Software with their default values. You can modify them so the new value will be used, when the configuration is (re) installed. These fields will be exported to the Configuration Answer File with <Class>_ as prefix. E.g. Windows_Templatepath\$.

## Network/OS

With this tab can show and change the Network or Operating System parameters for this workstation.

<i>Field</i>	<i>Description</i>
<b>Validate Logon</b> {<C>_ValidateLogin?}	Activate this field, when an NT or LM Domain controller should validate Logons by default.
<b>Logon Domain</b> {<C>_LogonDomain\$}	Enter the Domain Name of the NT or LM Domain controller on which the user should log on.
<b>Default Protocol</b> {<C>_DefaultProtocol\$}	Select the default protocol to use.
<b>Target Path</b> {<C>_TargetPath\$}	Enter the target path, where windows should be installed.

## TCP/IP

With this tab you can show and change the TCP/IP parameters for this workstation.

Installed Initial Software

Save
Cancel

<b>Name</b>	TCP/IP ...	<b>Version</b>	1
<b>Class</b>	MSTCP		
<b>Note</b>			

<b>License</b>	<b>Network/OS</b>	<b>TCP/IP</b>
<b>Enable DHCP</b> <input checked="" type="checkbox"/>		<b>Enable DNS</b> <input checked="" type="checkbox"/>
<b>IP Address</b> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>		<b>IP hostname</b> <input style="width: 100%;" type="text"/>
<b>Subnet mask</b> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>		<b>Domain name</b> <input style="width: 100%;" type="text"/>
		<b>DNS servers</b> <input style="width: 100%;" type="text"/>
		<b>Domain order</b> <input style="width: 100%;" type="text"/>
<b>Enable WINS</b> <input type="text" value="0"/>		<b>Gateways</b> <input style="width: 100%;" type="text"/>
<b>Primary WINS</b> <input style="width: 100%;" type="text"/>		<b>LMHost path</b> <input style="width: 100%;" type="text"/>
<b>Secondary WINS</b> <input style="width: 100%;" type="text"/>		<b>Scope ID</b> <input style="width: 100%;" type="text"/>

<i>Field</i>	<i>Description</i>
<b>Enable DHCP</b> {<C>_EnableDHCP?}	Enable this field, if DHCP should be enabled.
<b>IP Address</b> {<C>_IPAddress\$}	Enter the IP Address for this configuration.
<b>Subnet Mask</b> {<C>_IPMask\$}	Enter the Subnet Mask to use.
<b>Enable WINS</b> {<C>_EnableWins?}	Select the way that WINS should be used.
<b>Primary WINS</b> {<C>_PrimaryWins\$}	Enter the Name or IP Address of the primary Windows Name Server to use.
<b>Secondary WINS</b> {<C>_SecondaryWins\$}	Enter the Name or IP Address of the secondary Windows Name Server to use.
<b>Enable DNS</b> {<C>_EnableDNS?}	Activate this field, if DNS should be enabled.
<b>IP Hostname</b> {<C>_IPHostName\$}	Enter the IP Hostname of this configuration.
<b>Domain Name</b> {<C>_DomainName\$}	Enter the Name of the IP Domain to use.
<b>DNS Servers</b> {<C>_DNSServers\$}	Enter the Name or IP Number of the IP Domain Name Server.
<b>Domain Order</b> {<C>_DomainOrder\$}	Enter the sequence of the IP Domains to search for.
<b>Gateways</b> {<C>_GateWays\$}	Select this field to enter the IP Numbers of the gateways to use. This will start the Gateways function.
<b>LMHostPath</b> {<C>_LMHostPath\$}	Enter the LMHostPath of the hosts table to use.
<b>Scope ID</b> {<C>_ScopeID\$}	Enter the Scope ID.

## IPX

With this tab you can show and change the IPX parameters for this workstation

Installed Initial Software

Save
 Cancel

Name  ...

Class

Note

Version

License
Network/OS
IPX

Net BIOS

Frame type

First net drive

Preferred server

Tree

Context

Process logon script

Search mode

Browse Master

SAP Browsing

Field	Description
<b>Tree</b> {C_Tree\$}	Enter the tree of the Netware server.
<b>Context</b> {C_Context\$}	Enter the context of the Netware server.
<b>Net BIOS</b> {<C>_NetBios?}	Enable this field, if NetBios should be enabled.
<b>Frame Type</b> {<C>_FrameType\$}	Select the type of frame to use.
<b>First Net Drive</b> {<C>_FirstNetDrive\$}	Enter the Drive letter of the first net drive to use.
<b>Preferred Server</b> {<C>_PreferredServer\$}	Enter the name of the NetWare preferred server to use.
<b>Process Logon Script</b> {<C>_ProcessScript\$}	Activate this field, if Logon scripts should be processed.
<b>Search Mode</b> {<C>_SearchMode\$}	Enter the NetWare search mode. The value corresponds to the value specified in the NET.CFG for Novell NetWare (0-7).
<b>Browse Master</b> {<C>_BrowseMaster\$}	Enter the Name of the Browse Master to use.
<b>SAP Browsing</b> {<C>_SAPBrowsing?}	Enable this field, if SAP browsing should be enabled.

## Show/Modify Installed Device

With this tab you can show and modify the selected installed device in the configuration. The drivers and install scripts defined for this device will be used in the initial Workspace. You can maintain the services of contracts to a device.

Installed Device

Save
Cancel

<b>Description</b>	<input type="text" value="hp"/>	...	
<b>Class</b>	<input type="text" value="Printer Device"/>	<b>Model</b>	<input type="text" value="h2"/>
<b>Notes</b>			

General

<b>Remote Queue Name</b>	<input type="text" value="HP4"/>	
<b>Port Name</b>	<input type="text"/>	
<b>Remote</b>	<input type="checkbox"/>	
<b>Serial number</b>	<input type="text"/>	
<b>Hardware Version</b>	<input type="text"/>	
<b>Invoice date</b>	<input type="text"/>	
<b>Order number</b>	<input type="text"/>	
<b>Price</b>	<input type="text"/>	
<b>Created By</b>	<input type="text"/>	<b>Date of creation</b> <input type="text"/>
<b>Modified By</b>	<input type="text"/>	<b>Date of modification</b> <input type="text"/>

<i>Field</i>	<i>Description</i>
Description	Shows the description of the device.
Class <i>{Class}</i>	Shows the class of the device.
Model <i>{Model}</i> and <i>{&lt;C&gt;_Model\$}</i>	Shows the model of the device.
Note	Shows the additional note of the device.
<b>Remote</b> This field will only be shown for a Printer device.	Enable this field, if the printer is not connected physically to this configuration. So it is a remote printer queue. If you enable this field, then you have to select for a remote printer on a server or a network printer.
<b>Local Queue Name</b> This field will only be shown for a Printer device.	Enter the queue name of this printer.
<b>Port Name</b>	This field will only be shown for a Printer device. Enter the port name for this printer.
<b>Serial Number</b> <i>{&lt;C&gt;_SerialNumber\$}</i> This field will not be shown for a remote printer.	Enter the Serial number of the device or the MAC address in case of a Parallel network adapter.
<b>Invoice Date</b> This field will not be shown for a remote printer.	Enter the invoice date of the device.
<b>Order Number</b>	Enter the order number of the device.

This field will not be shown for a remote printer.

**Price** Enter the price of the device.

This field will not be shown for a remote printer.

**Remote Queue name** Select the queue name of a printer of another server or network printer.

**On Server** Shows the server or network printer name of the selected queue name.

<i>Tab</i>	<i>Description</i>
<b>Substitutions</b>	This Tab is only visible, when substitutions are defined for the installed device. It shows the fields, which are defined for this device with their default values. You can modify them so the new value will be used, when the configuration is (re) installed. These fields will be exported to the Configuration Answer File with <Class>_ as prefix. E.g. CDRom_Drive\$.

## Partition Scheme

With this function you can show and modify the actual partition scheme for an installed disk and it will enable the auto partition function, if you have created one or more partitions. The partition scheme will be copied from the scheme of the selected Hard Disk device type. You can change the scheme for this particular workstation. A Rescue partition should be defined, when you want to use the Error! Reference source not found. function.

Installed Device

Save
Cancel

**Description**  ...

**Class**  **Model**

**Notes**

General
Partition Scheme

**Partitions** Size

Number	Description	Name	Size	Pres...	RelS...	Acti...	Res...
1	OS/2 HPFS/WinNT NTFS HPFS/N...		0	No	100	Yes	No

New
Open
Delete

### Add/Modify Partition

With this function, you can add or modify a partition on an installed disk. Easy Manage will automatically create the partitions on the hard disk of the workstation, when a hard disk with a partition template was configured for that workstation.

Partition

Save
 Cancel

Description

Size

Platform

General

Number

Type

Size

Relative

Percentage

Preserve

Active

Rescue

Created By

Date of creation

Modified By

Date of modification

Field	Description
Description	Shows the description of the installed disk.
Size	Shows the size of the installed disk in Mbytes
Platform	Shows the platform of the workstation.
<b>Number</b>	Enter the number of the partition. It is advisable to use the following partition numbers: 1 for the Installed OS partition. 2 for the Rescue partition or for the Data partition if you don't want a Rescue partition 3 for the Data partition 4 Could not be used
<b>Type</b>	Select the partition type.
<b>Size</b>	Enter the size of the partition in Mbytes. This is only advisable for the rescue partition.
<b>Relative</b>	Enable this field, if you want to enter a relative size and disable the Size.
<b>Percentage</b>	Enter the relative size of the partition. This is not possible for the rescue partition.
<b>Active</b>	Enable this field, when this partition should be active.
<b>Rescue</b>	Select this field if you want to use a rescue partition.
<b>Active</b>	Enable this field, when this partition should be active.

## Show/Modify Installed Adapter

With this tab you can show and modify the specific data of the installed adapter for this configuration. The drivers and install scripts defined for this adapter will be used in the initial Workspace.

Network Type

Save
Cancel

**Description**  ...

**Class**  **Model**

**Notes**

**Serial number**

General
Substitutions
Connections

**Version**

**Invoice date**

**Order number**

**Price**

**Created By**

**Modified By**

**Date of creation**

**Date of modification**

<i>Field</i>	<i>Description</i>
<b>Description</b>	Shows the description of the adapter.
<b>Class</b> {Class}	Shows the class of the adapter.
<b>Model</b> {Model} and {<C>_Model\$}	Shows the model of the adapter.
<b>Note</b>	Shows the additional note of the adapter.
<b>Serial Number</b> {<C>_SerialNumber\$}	Enter the serial number or the MAC address in case of a Network adapter.
<b>Hardware Version</b>	Enter the hardware version number of the adapter.
<b>Invoice Date</b>	Enter the invoice date of the adapter.
<b>Order Number</b>	Enter the order number of the adapter.
<b>Price</b>	Enter the price of the adapter.

<i>Field</i>	<i>Description</i>
<b>Hardware Version</b>	Enter the hardware version number of the adapter.
<b>Invoice Date</b>	Enter the invoice date of the adapter.
<b>Order Number</b>	Enter the order number of the adapter.
<b>Price</b>	Enter the price of the adapter.

<i>Tab</i>	<i>Description</i>
<b>Connections</b>	With this tab you can show, delete or modify a connection from this component to another network port of an installed component.
<b>Substitutions</b>	This Tab is only visible, when substitutions are defined for the installed device. It shows the substitutions which were defined for this adapter with their default values. You can modify them so the new value will be used, when the configuration is (re) installed. These fields will be exported to the Configuration Answer File with <Class>_ as prefix. E.g. Ethercrd_Wire\$.

### Show/Modify Installed Application

With this tab you can show the Application Workspace in detail, reinstall the Application Workspace on the workstation and modify the substitutions of the application for this configuration. An Application Workspace can be installed explicit on a configuration for test purposes, if you don't put this application in groups. Adding or removing an Application Workspace to or from the configuration means that the Application Workspace will be installed or removed automatically when the user logs on.

Installed Application

Save
 Cancel
 ReInstall

**Name**  ...

**Class**

**Note**

Known error

**Version**

General
License
Substitutions

**Created By**

**Modified By**

**Date of creation**

**Date of modification**

<i>Field/Button</i>	<i>Description</i>
Name	Shows the name of the Application Workspace.
Version	Shows the version of the Application Workspace.
<i>Class</i> {Class}	Shows the class of the Application Workspace.
Install Script	Shows the install script of the Application Workspace.
Notes	Shows the notes of the Application Workspace.

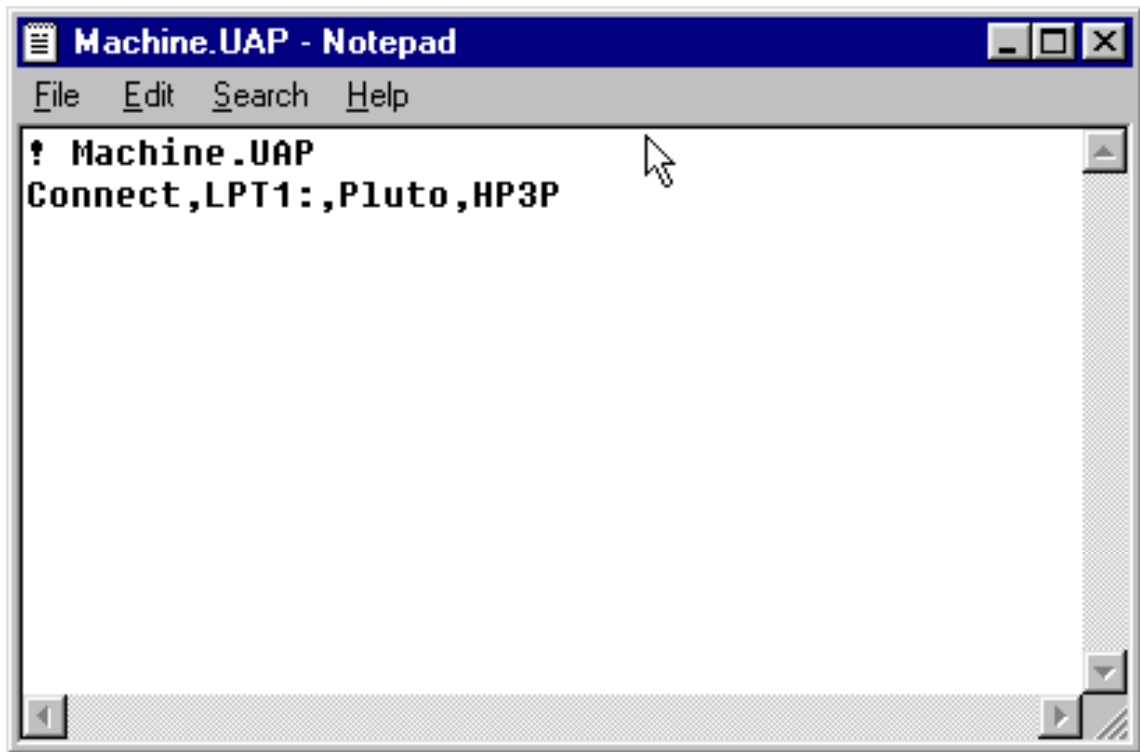
#### Tab License

<i>Field/Button</i>	<i>Description</i>
<b>Serial Number</b> {<C>_SerialNumber\$}	Enter the serial number of the Application workspace
<b>Authentication Key</b> {<C>_AuthKey\$}	Enter the authentication key for this Application workspace.

<i>Tab/Button</i>	<i>Description</i>
<b>Substitutions</b>	This tab shows the substitutions which were defined for this Application Workspace with their default values. You can modify them so the new value will be used, when the configuration or an application is (re) installed. These fields will be exported to the Configuration Answer File with <Class>_ as prefix. E.g. Windows_Templatepath\$.
<b>Reinstall button</b>	When an application was installed on a workstation and you want to check the consistency of the application, then you can use this function which will reinstall the application

## Create/Modify Workstation Profile

With this function you can create or modify the workstation profile. You can use this profile to connect network printers or drives to this workstation. The standard Windows editor will be started with the MACHINE.UAP as input.



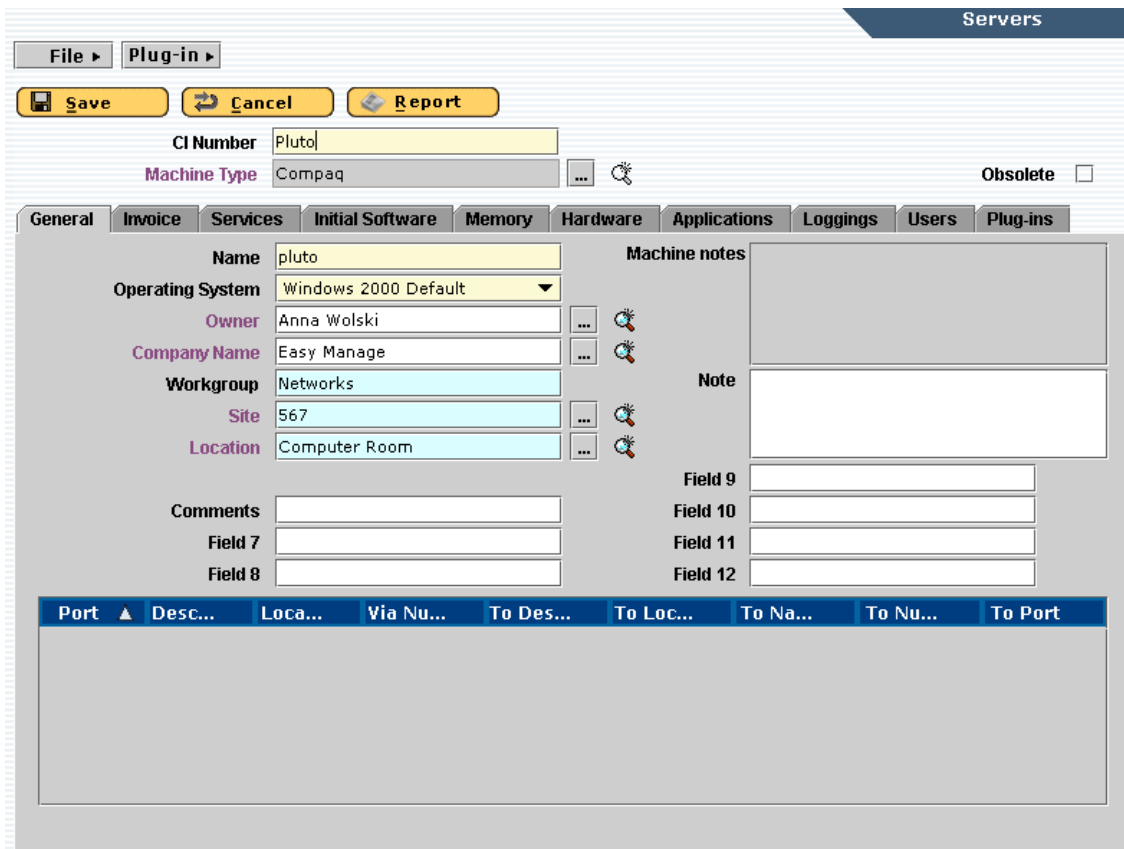
If the profile not yet exists, then the editor will ask you to create it. The changes will be effectuated if the user logs on the workstation. See the Easy Manage Reference Guide for further explanation of the profile.

## Servers

With this function you can list all defined servers, add a new, modify or remove one. So you can have a complete overview of all servers in your organization. When defining a server the CI Number will always be the key. It is therefore advisable to stick a label with the CI Number on the Server, so that it always can be identified on the outside. You can control the server with the defined Plug-ins. You can create Plug-ins when a user is added to or removed from a server. This means, that you can use this function to control users on all servers in your infrastructure.

### Add/Modify Server

With this function you can add a new one, show, control and modify the selected server.

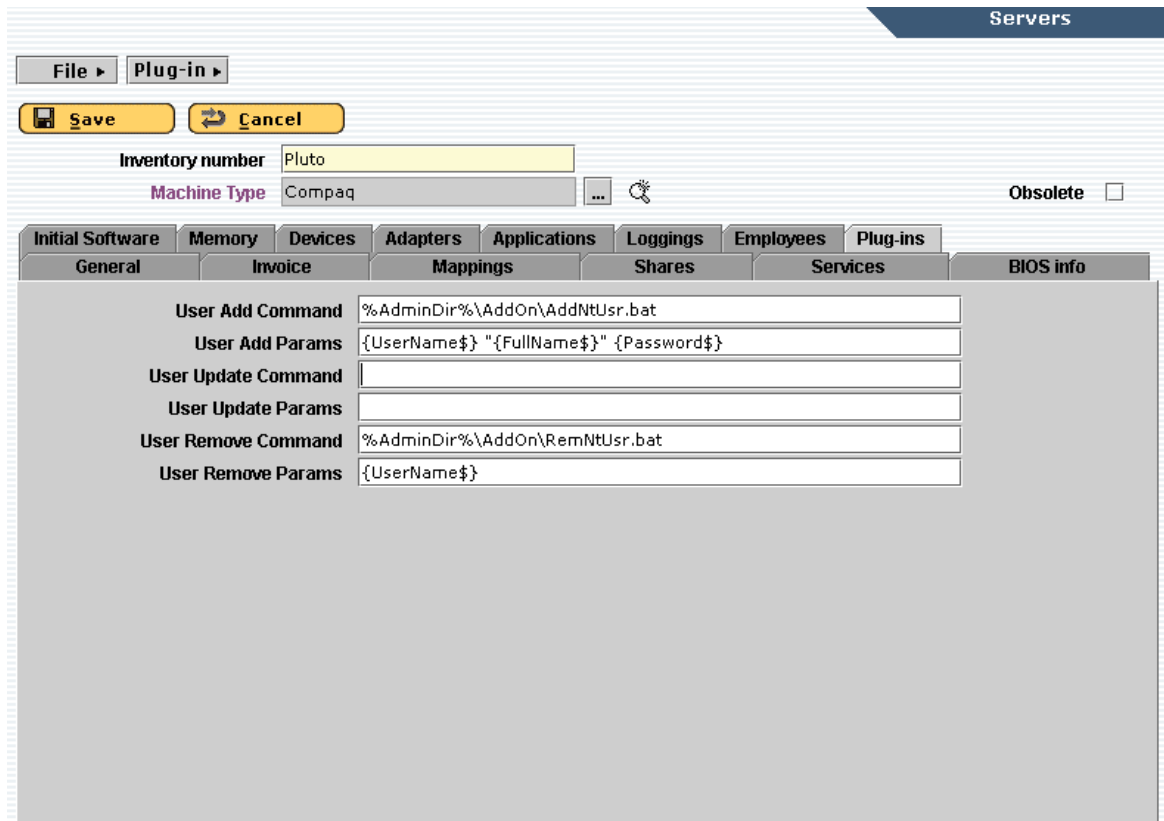


This function is equal to the Add/Modify Workstation with the following differences:

<i>Tab</i>	<i>Description</i>
<i>Users</i>	This tab lists all defined users and the users on this server. With this function you can add or remove a user to or from this server. When the Plug-in commands are filled in for this server, then the action will be really done on this server.
<i>Plug-ins</i>	With this tab you can show and define Plug-in when a user is added, updated or removed on this server. See the <u>User Plug-ins</u> function.

## User Plug-ins

With this function you can show and define Plug-ins when a user is added, updated or removed on this server.



<i>Field</i>	<i>Description</i>
<b>User Add Command</b>	Enter the command to execute, when a user is added to this server.
<b>User Add Parameters</b>	Enter the parameters to be passed as arguments for the Add Command.
<b>User Update Command</b>	Enter the command to execute, when a user is updated.
<b>User Update Parameters</b>	Enter the parameters to be passed as arguments for the Update Command.
<b>User Remove Command</b>	Enter the command to execute, when a user is removed from this server.
<b>User Remove Parameters</b>	Enter the parameters to be passed as arguments for the Remove Command.

## Printers

With this function you can list all network printers, add a new, modify or remove one. You can control the printer with the defined Plug-ins. When defining a printer the CI Number will always be the key. It is therefore advisable to stick a label with the CI Number on the printer, so that it always can be identified on the outside. A network printer could be connected on a Workstation or Server.

### Add/Modify Printer

This function allows you to add a new, show, control or modify the selected printer. A network printer consists of a printer type, a network component type and network software. This function will only describe the network printer.

This function is similar to the Workstations function with the following exceptions:

<i>Tab</i>	<i>Description</i>
<b>Hardware</b>	This tab lists all defined and installed network component types on the printer. With this function you can add a new one, show or remove one. You can assemble the printer with one or more network component types. Adding and changing connections to other components could also be done with this function.
<b>Software</b>	This tab lists the defined and installed Network Software for this network component. With this function you can add a new, modify or remove one in this printer.
<b>Printers</b>	This tab lists the defined and installed Printer Device for this printer. With this function you can add a new, modify or remove one in this printer.

### Other CI's

With this function you can list all other CI's, add a new, modify or remove one. An CI is a Configuration Item other then the pre-defined types Workstations, Servers, Printers, Network or Telecom. You can control the CI's with the defined Plug-ins. When defining an CI the CI Number will always be the key. It is therefore advisable to stick a label with the CI Number on the component so that it always can be identified on the outside. An CI type should be defined before you can create this object.

### Add/Modify CI

This function allows you to add a new, show, control or modify the selected CI. This function will only describe the network component.

This function is similar to Add/Modify Workstation with the following exception:

<i>Tab</i>	<i>Description</i>
<b>Hardware</b>	With this tab you can list, add a new, modify or remove Hardware for this object.
<b>Software</b>	With this tab you can list, add a new, modify or remove Software for this object.

## Network Menu

With the Network Menu, you can maintain all the connections, define and control all the hardware and software network components in your infrastructure.

The screenshot shows the 'Easy Manage - Microsoft Internet Explorer' browser window displaying the 'EZManage' web application. The interface includes a navigation sidebar on the left with categories like Configurations, Network, Telecom, and Hardware. The 'Network' section is active, showing submenus for 'Connections' and 'Components'. The 'Connections' section contains text explaining that connections are one-to-one relations between network component ports. The 'Components' section explains that components are identified by an inventory number and consist of hardware and software. A status bar at the bottom shows 'Build Number : 04082805', 'Registered Calls : 0 Calls', and 'User Name : Ezm'. The browser's status bar at the very bottom indicates 'Applet NewUserGroup started' and 'Local intranet'.

Easy Manage - Microsoft Internet Explorer  
www.ezmanage.nl  
EZManage  
Version V4.2

**Network**

**Connections**  
With the Connection submenu you can list all network connections, modify or remove one. A connection is a one to one relation to another network component port. Only ports with the network attribute enabled will be shown.

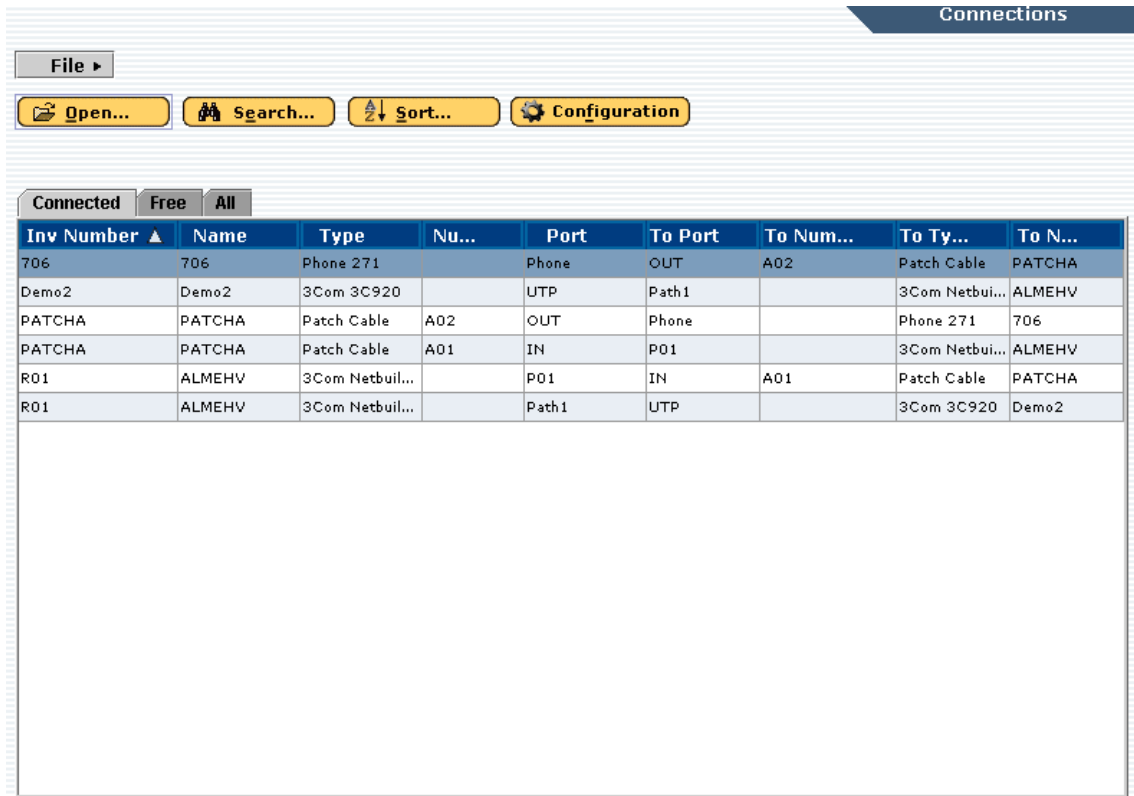
**Components**  
With the Components submenu you can list all network components, add a new, modify or remove one. You can control the network component with the defined AddOn's. When defining a network component the Inventory Number will always be the key.  
It is therefore advisable to stick a label with the Inventory Number on the network component so that it always can be identified on the outside. A network component consists of a network component type and network software.

Build Number : 04082805      Registered Calls : 0 Calls      User Name : Ezm

Applet NewUserGroup started      Local intranet

## Connections

With this function you can list all network connections, modify or remove one. A connection is a one to one relation to another network component port. Only ports with the network attribute enabled will be shown.



<i>Tab</i>	<i>Description</i>
<i>Connected</i>	This tab shows all connected connections.
<i>Free</i>	This tab shows all connection points, which are not connected.
<i>All</i>	This tab shows all connection points.
<i>Configuration button</i>	Select a connection and click this button, to show/modify the configuration.

### Show/Modify Connection

With this function you can show a connection in detail, delete, add or change a connection. Only the ports without a connection and the port that was connected will be shown. To delete a connection, select the connection with the connected status 'Yes' and click the Modify button. To add or change a connection, select a connection with the connected status is 'No' and click the Modify button.

Connections

Save
 Cancel

**CI Number**

**Machine name**

**Owner**

**Type**

**Class**

**Serial number**

**Port Type**

**Name**

**Description**

**Location**  ▼ ...

**CI Number**

CI N...	Name	Type	Serial Number	Port	Connected
226	226	Phone 271		Phone	No
Annick	Annick	Etherlink III		AUI	No
Annick	Annick	Etherlink III		BNC	No
Demo10	Demo10	3Com 3C920		UTP	No
Demo13	Demo13	3Com 3C920		UTP	No
Demo14	Demo14	3Com 3C920		UTP	No
Demo15	Demo15	AMD 79C970		UTP	No
Demo16	Demo16	3Com 3C920		UTP	No

**Created By**

**Modified By**

**Date of creation**

**Date of modification**

Field	Description
CI Number	Shows the CI number of the configuration.
Name	Shows the name of the configuration.
Owner	Shows the owner of the configuration.
Description	Shows the description of the adapter in the configuration.
Class	Shows the class of the adapter in the configuration.
Serial Number	Shows the serial number of the adapter in the configuration.
Port Type	Shows the port type to connect of the adapter in the configuration.
Name	Shows the port name to connect of the adapter in the configuration.
<b>Description</b>	Enter the description of this port.
<b>Location</b>	Select the location in case of a wall outlet.

## Network Components

With this function you can list all network components, add a new, modify or remove one. You can control the network component with the defined Plug-ins. When defining a network component the CI Number will always be the key. It is therefore advisable to stick a label with the CI Number on the network component so that it always can be identified on the outside. A network component consists of a network component type and network software.

### Add/Modify Network component

This function allows you to add a new, show, control or modify the selected network component. This function will only describe the network component.

The screenshot shows the 'Network Components' application window. At the top right, the title bar reads 'Network Components'. Below the title bar are menu items 'File' and 'Plug-in'. A toolbar contains 'Save', 'Cancel', and 'Report' buttons. The 'CI Number' field is set to 'PATCHA' and there is an 'Obsolete' checkbox. Below this is a tabbed interface with tabs for 'General', 'Invoice', 'Hardware', 'Software', 'Memory', 'Services', and 'Loggings'. The 'General' tab is active, showing fields for Name (PATCHA), Description (Patch Panel A), Owner (Anna Wolski), Company Name (Easy Manage), Site (567), Location (Computer Room), HW Version, and Fields 7-9. To the right of these fields is a 'Note' area and Fields 10-12. At the bottom, there is a table with columns: Port, Desc..., Loca..., Via Nu..., To Des..., To Loc..., To Na..., To Nu..., and To Port. The table is currently empty. At the very bottom, there are fields for 'Created By', 'Date of creation', 'Modified By' (ezm), and 'Date of modification' (19/04/2004 09:42 PM).

This function is similar to Add/Modify Workstation with the following exception:

<i>Tab</i>	<i>Description</i>
<b>Hardware</b>	This tab lists all defined and installed network component types on the configuration. With this function you can add a new one, show or remove one. You can assemble the network configuration with one or more network component types. E.g. a patch panel consists of a lot of cables. Adding and changing connections to other components could also be done with this function.
<b>Software</b>	This tab lists the defined and installed Network Software for this network component. With this function you can add a new, modify or remove one in this network component.

## Telecom Menu

With the Telecom Menu, you can maintain your physical telecom devices with its connections and administer all the objects in your central phone box.

The screenshot shows the 'Easy Manage - Microsoft Internet Explorer' browser window displaying the 'EZ Manage' website. The page title is 'www.ezmanage.nl' and the version is 'Version V4.2'. The left sidebar contains a navigation menu with categories: Configurations, Network, Telecom, Organization, Software, Hardware, Help Desk, Control, Setup, Help, and Logout. The 'Telecom' category is expanded, showing submenus: Telecom Devices, Phone Numbers, Pilot Numbers, Speed Dial Numbers, and Telecom Groups. The main content area is titled 'Telecom' and provides detailed descriptions for each submenu. At the bottom, it displays 'Build Number : 04082805', 'Registered Calls : 0 Calls', and 'User Name : Ezm'. The browser's address bar shows 'TelecomDevices' and the status bar shows 'Local intranet'.

Submenu	Description
<b>Telecom Devices</b>	With the Telecom Devices submenu you can list all defined Telecom devices, add a new, modify, show or remove one. A Telecom device is a device, which has assigned a number and a Telecom type.
<b>Phone Numbers</b>	With the Phone Numbers submenu you can list all defined Phone numbers, add a new, modify, show or remove one. The phone numbers are the numbers in your central phone box.
<b>Pilot Numbers</b>	With the Pilot Numbers submenu you can list all defined pilot numbers, add a new, modify, show or remove one. A pilot number is a ticket with the characteristics of a phone line.
<b>Speed Dial Numbers</b>	With the Speed Dial Numbers submenu you can list all defined speed dial numbers, add a new, modify, show or remove one. A speed dial number is a number that could be used to call a long number with a short identification. A speed dial number could be created for users and companies.
<b>Control Plans</b>	With the Control Plans submenu you can list all defined Control Plans, add a new, modify, show or remove one. A control plan is a routing plan, which controls the outgoing and incoming calls. It controls the sequence of phone extensions to call, when a call is not answered (call distribution). It is connected via a pilot number to an incoming line.
<b>Telecom Groups</b>	With the Telecom Groups submenu you can list all defined Telecom groups, add a new, modify, show or remove one. A Telecom group could be used to put phone numbers and other telecom groups in. You can use these groups, when you are creating control plans.

## Telecom Devices

With this function you can list all defined Telecom devices, add a new, modify, show or remove one. A Telecom device is a device, which has assigned a number and a Telecom type.

### Add/Modify Telecom Device

This function allows you to add a new, to show and modify the selected Telecom device. You could assign a phone number, an owner, a contract and a Telecom type to a device. You will see the connections in the infrastructure. When you add a new telecom device, then the number will also be created as phone number.

This function is similar to the Network Component function, with the following exception:

<i>Tab</i>	<i>Description</i>
<b>Hardware</b>	This tab shows the defined telecom types and selected telecom device. Here you can add, remove a telecom device type and change the connection.

## Phone Numbers

With this function you can list all defined Phone numbers, add a new, modify, show or remove one. The phone numbers are the numbers in your central phone box.

### Add/Modify Phone Number

This function allows you to add a new, to show and modify the selected phone number. You will also see where this phone number is used in the routing plans.

Phone Numbers

Save
 Cancel

User Name

Number  ...

General

Groups

Day 1

Day 2

Day 3

Day announcer

Night 1

Night 2

Night 3

Night announcer

User name

Location

Translation

Pilot Number  ▼ ...

Control Plan  ...

Created By

Modified By

Date of creation

Date of modification

<i>Field</i>	<i>Description</i>
<b>User Name</b>	Shows the username if the phone is also configured as a telecom device.
<b>Number</b>	Enter the unique phone number.
<b>Name name</b>	Enter the name of the user who is using the number.
<b>Location</b>	Enter the location connected to the number.
<b>Translation</b>	Enter the identification of the translation script.
<b>Pilot Number</b>	Select a defined pilot number or add a new one.
<b>Control Plan</b>	Shows the control plan related with this phone number.

<i>Tab</i>	<i>Description</i>
<b>Groups</b>	This tab shows the telecom groups related to this phone number.
<b>Control Plans</b>	Lists the control plans related to this phone number.
<b>Day1 until Day announcer</b>	Lists all day routing groups related to this phone number.
<b>Night 1 until Night announcer</b>	Lists all night routing groups related to this phone number.

## Pilot Numbers

With this function you can list all defined pilot numbers, add a new, modify, show or remove one. A pilot number is a ticket with the characteristics of a phone line.

### Add/Modify Pilot Number

This function allows you to add a new, to show and modify the selected pilot number. Which phone numbers are using it and which control plan should be used.

Pilot Numbers

Save
 Cancel

Number

General
Phone numbers

Name

Control Plan  ▼ ...

Call limit

Call limit mode

Created By

Modified By

Date of creation

Date of modification

<i>Field</i>	<i>Description</i>
<b>Number</b>	Enter the unique number of the pilot number.
<b>Name</b>	Enter the name of the owner of the pilot number.
<b>Control Plan</b>	Select the defined or enter a new control plan for this pilot number.
<b>Call Limit</b>	Enter the limit of a call.
<b>Call limit Mode</b>	Enter the mode for a call limit.

<i>Tab</i>	<i>Description</i>
<b>Phone Numbers</b>	Lists the related phone numbers for this pilot number.

## Control Plans

With this function you can list all defined Control Plans, add a new, modify, show or remove one. A control plan is a routing plan, which controls the outgoing and incoming calls. It controls the sequence of phone extensions to call, when a call is not answered (call distribution). It is connected via a pilot number to an incoming line.

### Add/Modify Control Plan

This function allows you to add a new, to show and modify the selected Control Plan. You can show and change the phone numbers to call in sequence for a day or night.

**Control Plan**

Save
 Cancel

Number

Night 1
Night 2
Night 3
Night Announcer
Call Timers
Pilot numbers

General
Day 1
Day 2
Day 3
Day Announcer

Name

Dial Plan

Line Selection string

Music on Hold

Include on Smdr

Priority

Incoming queue number

Area

Created By

Date of creation

Modified By

Date of modification

Field	Description
<b>Number</b>	Enter the unique number of the control plan.
<b>Name</b>	Enter the name of this control plan.
<b>Dialing Plan</b>	Enter the name of the dialing plan for outgoing calls.
<b>Line Selection String</b>	Enter the string(number) to select an outgoing call.
<b>Music on hold</b>	Enter the defined music tune, when the call is in hold.
<b>Include On Smdr</b>	Enable this field if Smdr should be included.
<b>Priority</b>	Enter the priority for the call distribution.
<b>Incoming queue number</b>	Enter the incoming queue number for the call distribution.
<b>Area</b>	Enter the area number for the call distribution.

Tab	Description
<b>Day1 until Day announcer</b>	With these tabs you can show, add and delete phone numbers or telecom groups which should be called in sequence, if the main incoming line is not picked up by day.
<b>Night1 until Night announcer</b>	With these tabs you can show, add and delete phone numbers or telecom groups which should be called in sequence, if the main incoming line is not picked up by night.
<b>Call Timers</b>	With this tab you can show and change the timers used for this control plan.
<b>Pilot Numbers</b>	This tab shows all Pilot numbers related to this control plan.

## Speed Dial Numbers

With this function you can list all defined speed dial numbers, add a new, modify, show or remove one. A speed dial number is a number that could be used to call a long number with a short identification. A speed dial number could be created for users and companies.

### Add/Modify Speed Dial Number

This function allows you to add a new, to show and modify the selected speed dial number.

Speed Dial Numbers

Save
Cancel

Number

Users
Company

Name  ...

Phone 2

Fax

Mobile

Release

Created By

Modified By

Date of creation

Date of modification

<i>Field</i>	<i>Description</i>
<b>Number</b>	Enter the unique speed dial number.

## User

With this tab you can show and change the speed dial number for a user.

Speed Dial Numbers

Save
Cancel

Number

Users

Name  ...

**Phone 2**

**Fax**

**Mobile**

Release

Created By

Modified By

Date of creation

Date of modification

<i>Field/Button</i>	<i>Description</i>
<b>Name</b>	Select the defined user for this speed dial number.
<b>Phone 2</b>	Select this field, if you want to use the Phone 2 number defined by the user for this speed dial number.
<b>Fax</b>	Select this field, if you want to use the Fax number defined by the user for this speed dial number.
<b>Mobile</b>	Select this field, if you want to use the Mobile number defined by the user for this speed dial number.
<b>Release button</b>	Click this button, if you want to reserve this number for future usage.

## Company

With this tab you can show and change the speed dial number for a company.

Speed Dial Numbers

Save
Cancel

Number

Company

Name  ...

Phone

Fax

Created By

Modified By

Date of creation

Date of modification

<i>Field/Button</i>	<i>Description</i>
<b>Name</b>	Select the defined company for this speed dial number.
<b>Phone</b>	Select this field, if you want to use the Phone number defined by the company for this speed dial number.
<b>Fax</b>	Select this field, if you want to use the Fax number defined by the company for this speed dial number.
<b>Release button</b>	Click this button, if you want to reserve this number for future usage.



## Telecom Groups

With the Telecom Groups function you can list all defined Telecom groups, add a new, modify, show or remove one. A Telecom group could be used to put phone numbers and other telecom groups in. You can use these groups, when you are creating control plans.

### Add/Modify Telecom Group

With this function you can add or modify a telecom group.

Telecom Groups

 Save
 Cancel

Number

General

Telecom

Groups

Type

Name

Created By

Modified By

Date of creation

Date of modification

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique number of the group.
<b>Type</b>	Select the group type. The type could have the following value: Collective, Sequential or Rotary.
<b>Name</b>	Enter the name of the group.

<i>Tab</i>	<i>Description</i>
<b>Telecom</b>	With this tab you can list the phone numbers belonging to the selected telecom group, add a new or remove one.
<b>Groups</b>	With this tab you can list the telecom groups belonging to the selected telecom group, add a new or remove one.



# Organization Menu

With the Organization Menu, you can maintain your organization with companies, departments, users and units.

The screenshot shows the Easy Manage Admin Program interface in Microsoft Internet Explorer. The browser title is "Easy Manage - Microsoft Internet Explorer" and the address bar shows "www.ezmanage.nl". The page header includes the EZM logo and "Version V4.2".

The left sidebar contains a navigation menu with the following items:

- Configurations
- Network
- Telecom
- Organization
  - Employees
  - Departments
  - Companies
  - Groups
  - Substitutions
  - Locations
  - Sites
- Software
- Hardware
- Help Desk
- Help Desk Setup
- Control
- Setup
- Help
- Logout

The main content area is titled "Organization" and lists the following submenus with their descriptions:

- Employees**: With the Employees submenu you can list the defined users, add a new one, modify or remove one. You have to define every person of the organization, which should have access to the Easy Manage Admin Program.
- Departments**: With the Departments submenu you can list all defined departments and its usage, add a new, modify or remove one. A user could belong to a department. So you can create a hierarchical description of your organization.
- Companies**: With the Companies submenu you can list all defined companies and is usage, add a new, modify or remove one. A Company could be a supplier and/or a customer or a relation. The organization, which will do the ICT Management, is a supplier and a customer.
- Locations**: With the Locations you can list all defined locations and its usage, add a new, modify or remove one. A location will be used to give the physical position of a configuration or connection point.
- Groups**: With the Groups submenu you can list all defined user groups, add a new, modify, show or remove one. A user group could be used to put Applications and Users in. An Application in a user group will allow all users to use that application belonging to that group. You can create AddOn's when a user is added or removed from a group. This means, that you can use this function to control groups on all servers in your infrastructure.
- Substitutions**: With the Substitutions submenu you can list the defined substitutions for all users, add a new on or modify one. If you want to use extra variables in a template related to a user, you can use this function to add your own variables. A new substitution will only effectuated on new users, when user data is changed or when changes are made in the Initial Workspace of a workstation for the user who is the owner.
- Sites**: With the Sites submenu you can list all defined sites and is usage, add a new, modify or remove one. A Site is a location for a configuration.

At the bottom of the interface, the status bar shows: Build Number : 04082805, Registered Calls : 0 Calls, and User Name : Ezm. The browser's status bar at the very bottom shows "Employees" and "Local intranet".

## Users

With this function, you can list the defined users, add a new one, modify or remove one. You have to define every person of the organization, which should have access to the Easy Manage Admin Program.

### Add/Modify User

This function allows you to add a new one, to show or modify the selected user. You can set the Security Level to define its authorities within Easy Manage. Maintain the allowed applications for the user adds the user into and removes from a group. You can see which configurations are assigned to the user and which calls are related to the user.

Field	Description
<b>Name</b> {UserName\$}	Enter the unique abbreviated name of the user. This name will be used to logon to the workstation.
<b>Full Name</b> {FullName\$}	Enter the full Name of the user.
<b>Company</b>	Select the company of the user. If the company not is in the list, you may enter the new company to insert in the Configuration Database.
<b>Department</b>	Select the department of the user. If the department not is in the list, you may enter the new department to insert in the Configuration Database.
<b>Site</b>	Select the site where the user belongs.
<b>Location</b>	Select the location, where the user is located. (Room number)
<b>Phone 1</b>	Enter the internal phone number of the user.
<b>Phone 2</b>	Enter the external phone number of the user.
<b>Mobile</b>	Enter the mobile number of the user.

<b>Fax</b>	Enter the fax number of the user.
<b>Email</b> {Email\$}	Enter the email address of the user.
<b>User Id</b> {UID\$}	Enter the user id of this user. You can use this in a Unix environment.
<b>Key Number</b>	Enter the key number.
<b>Position</b>	Enter the position in the organization of the user.
<b>Reports To</b>	Select the user to which this user reports.
<b>Notes</b>	Enter additional information for this user.
<b>Sfield1 and 2</b>	These are user definable text fields. You have to define the label of these fields in the System Parameters.
<b>Bfield1 and 2</b>	These are user definable Boolean fields. You have to define the label of these fields in the System Parameters.

<b>Tab/Button</b>	<b>Description</b>
<b>Groups</b>	With this tab you can add the user to a group or remove the user from the group.
<b>Applications</b>	With this tab you can maintain the allowed applications of an user. You can enable or disable an application to use by the user. You have to allow the applications to create to the user which has the security Installer.
<b>Servers</b>	With this tab, you can add, update or remove the user on a server. If the server is assigned to the user and a User Add On was defined in that server configuration, then the User Add command will be executed.
<b>Substitutions</b>	With this tab you can list the defined substitutions for the user or modify one. The substitutions allows you to add extra information to the user, i.e. the users mail-address. This extra information can be used to make a personal installation of i.e. Lotus Notes without any manual intervention.
<b>Easy Manage</b>	With this tab you can show and change the Easy Manage settings for this user. See the <b>Easy Manage</b> function.
<b>Expertises</b>	With this tab you can show the defined expertise's and assign or de-assign the user to or from an expertise. This tab is only visible, if the user is marked as Is Easy Manage User.
<b>Roles</b>	With this tab you can show and change the roles for this user.
<b>Workstations</b>	Lists all workstations where this user is defined as owner.
<b>Telecom</b>	Lists all telecom devices where this user is defined as owner.
<b>Network</b>	Lists all network components where this user is defined as owner.
<b>Printers</b>	Lists all printers where this user is defined as owner.
<b>Calls</b>	Lists all calls related to this user.
<b>Menu File Profile button</b>	Starts the notepad application to show, create or modify the user profile. See the <b>Create/Modify Workstation Profile</b> function.

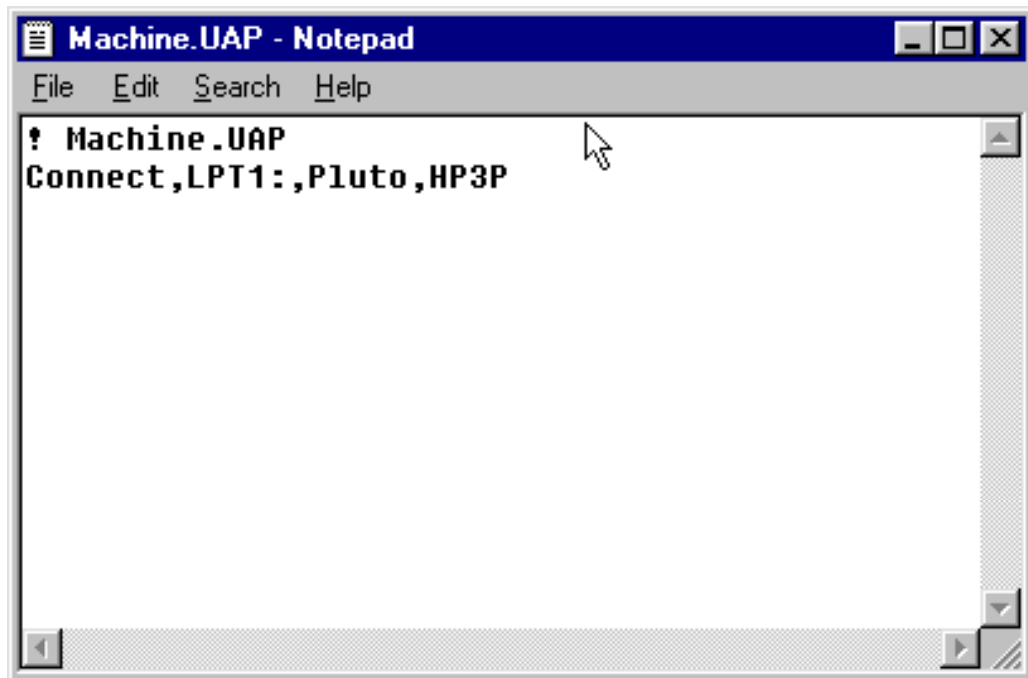
## Easy Manage

With the tab Easy Manage you can show and change the Easy Manage settings for this user.

Field	Description
Type	<p><b>Assignee:</b> The user is allowed to login into the Easy Manage Application or you want to route calls to this user. The tab Expertises will be visible.</p> <p><b>Login Enabled:</b> The user is only allowed to login, but could not use the Helpdesk module. The Tab Easy Manage will not be visible for a user who login into the application which has selected this field.</p> <p><b>No Login:</b> The user could not login into the Easy Manage Admin Program.</p>
Password	Enter the password for this user. This password will be used to login into the Easy Manage Admin Program.
Retype Password	Retype the new password, if you changed the password.
Security	<p>Select the Easy Manage Security level for the Easy Manage Application Workspace Wizard.</p> <p><b>Administrator:</b> gives the user all available authorization.</p> <p><b>Installer:</b> gives the user authorization to Install Application Workspaces. The Application Workspace to install should be allowed to this user. See the <b>Tab Applications</b>.</p> <p><b>User:</b> gives the user no authorization for the Easy Manage Workspace Wizard.</p>
Manage Unit	Select the Unit, which could be managed by this user.
Enable Import/Export	Enable this field, when the user is allowed to import and export objects.

## Create/Modify User Profile

With this function you can create or modify the user profile. You can use this profile to connect network printers or drives to this workstation. The standard Windows editor will be started with the USER.UAP as input.



If the profile not yet exists, then the editor will ask you to create it. The changes will be effectuated if the user logs on the workstation. For further explanation of a profile see the Easy Manage Reference Guide.

## Departments

With this function you can list all defined departments and its usage, add a new, modify or remove one. A user could belong to a department. So you can create a hierarchical description of your organization.

### Add/Modify Department

With this function you can add a new or modify the selected department. You will see the users and their related configurations and telecom devices belonging to this department.

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique name of the department.
<b>Code</b>	Enter the code of the department.
<b>Manager</b>	Select a defined user as manager of this department.
<b>Contact Person</b>	Select a defined user as Contact person of this department.
<b>Note</b>	Enter additional information about the department.

<i>Tab</i>	<i>Description</i>
<b>Users</b>	This tab shows all users belonging to this department.
<b>Workstations</b>	This tab shows all workstations related to its owner who belongs to this department.
<b>Servers</b>	This tab shows all workstations related to its owner who belongs to this department.
<b>Telecom</b>	This tab shows all telecom devices related to its owner who belongs to this department.
<b>Network</b>	This tab shows all network components related to its owner who belongs to this department.
<b>Printers</b>	This tab shows all printers related to its owner who belongs to this department.

## Companies

With this function you can list all defined companies and its usage, add a new, modify or remove one. A Company could be a supplier and/or a customer or a relation. The organization, which will do the ICT Management, is a supplier and a customer.

### Add/Modify Company

With this function you can add a new or modify the selected company and see where it is used.

Field	Description
<b>Name</b>	Enter the unique name of the company.
<b>Address</b>	Enter the address of the company.
<b>ZIP Code</b>	Enter the ZIP code of the company.
<b>City</b>	Enter the city of the company.
<b>Country</b>	Enter the country of the company.
<b>Contact Person</b>	Enter the contact person of the company.
<b>Phone</b>	Enter the phone number of the company.
<b>Fax</b>	Enter the fax number of the company.
<b>EMail</b>	Enter the e-mail address of the company.
<b>Supplier</b>	Enable this field, if the company is a supplier. This field is disabled if the company has contracts.
<b>Customer</b>	Enable this field, if the company is a customer.
<b>Note</b>	Enter additional information about the company.
<b>Speed Dial</b>	Shows the speed dial numbers for the phone and fax of the company.

---

<i><b>Tab</b></i>	<i><b>Description</b></i>
<i><b>Users</b></i>	This tab shows all users, which belong to this company.
<i><b>Contracts</b></i>	This tab shows all contracts, which belong to this company.
<i><b>Workstations</b></i>	This tab shows all workstations, which belong to this company.
<i><b>Servers</b></i>	This tab shows all servers, which belong to this company.
<i><b>Network</b></i>	This tab shows all network components, which belong to this company.
<i><b>Printers</b></i>	This tab shows all printers, which belong to this company.
<i><b>Telecom</b></i>	This tab shows all telecom devices, which belong to this company.

---

## Locations

With this function you can list all defined locations and its usage, add a new, modify or remove one. A location will be used to give the physical position of a user, a configuration or a connection point.

### Add/Modify Location

With this function you can add a new or modify the selected location and you can see where it is used.

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique Name of the location.
<b>Note</b>	Enter additional information about the location.

<i>Tab</i>	<i>Description</i>
<b>Workstations</b>	This tab shows all workstations on this location.
<b>Servers</b>	This tab shows all servers on this location.
<b>Printers</b>	This tab shows all printers on this location.
<b>Network</b>	This tab shows all network components on this location.
<b>Telecom</b>	This tab shows all telecom devices on this location.
<b>Connections</b>	This tab shows all connections on this location.
<b>Users</b>	This tab shows all users on this location.



## Software Menu

With the software menu, you can maintain all possible software of all components in your organization and put the applications and drivers in a Knowledge Database. You can use the software to install a workstation and to distribute applications to the workstations.

The screenshot shows the Easy Manage web application interface in Microsoft Internet Explorer. The browser title is "Easy Manage - Microsoft Internet Explorer" and the address bar shows "www.ezmanage.nl". The application header includes the EZM logo and "Version 4.0".

The main content area is titled "Software" and lists several submenus with their descriptions:

- Operating Systems**: With the Operating Systems submenu you can list all defined operating systems and its usage, add a new, modify or remove one. An operating system will be used by every configuration that you define in the Configuration Database. You have to define a new operating system, if you want to use a new System or Answer Template for a specific platform. An Operating System defines the distribution method and the default Answer file to use.
- Initial Software**: With the Initial Software submenu you can list all defined Initial Software applications and its usage, add a new one, modify or remove one. Initial Software is an application that will be installed in the Initial Workspace of a configuration. This means that changes only effects new installations or re-installations.
- Application Workspace**: With the Application Workspace submenu you can list all defined Application Workspaces and its usage, add a new one, modify or remove one. An Application Workspace is an application, which could be distributed to the workstations. With this function, you can define the characteristics of the applications to distribute. You have to create the application itself by the Easy Manage Application Workspace Wizard or creating your own install script. See the Easy Manage Configuration Guide for a further explanation.
- Network Software**: With the Network Software submenu you can list all defined Network Software and its usage, add a new one, modify or remove one. The network software could be used in Network Components such as switches, routers and printers.
- Platforms**: With the Platforms submenu you can list all defined platforms or modify one. A platform will be used for an Operating System and you can use a combination of one or more platforms for every Initial Application and Application Workspace that you define. You can use a unique binary ID for the platform and the entry in the Knowledge Database.

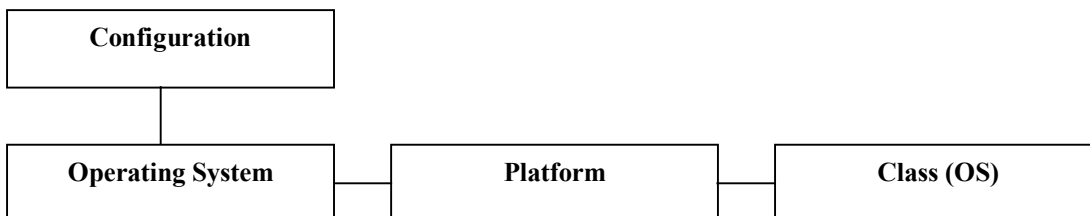
The left sidebar contains a navigation menu with the following items: Configurations, Network, Telecom, Organization, Software (highlighted), Operating Systems, Initial Software, Application Workspace, Network Software, Platforms, Hardware, Help Desk, Control, Setup, Help, and Logout.

At the bottom of the page, the status bar shows "Build Number : 4.0a" and "User Name : Ezm".

## Operating Systems

With this function you can list all defined operating systems and its usage, add a new, modify or remove one. An operating system defines the distribution method and the default Answer file to use. Every workstation and server that you define in the Configuration Database will use an operating system. You have to define a new operating system, if you want to use a new System or Answer Template for a specific platform.

The relations:



## Add/Modify Operating System

This function allows you to add a new or to modify the selected operating system and you will see where it is used. The templates are defined in the “EZM” directory of the Platform directory in the Knowledge Database.

Operating Systems

Save
 Cancel

Name

General
WorkStations
Servers

Platform

Windows 2000

System template

Network.tpl

...

Answer template

Default.INF

...

Setup directory

C:\I386

Note

Created By

Modified By

Date of creation

Date of modification

Field	Description
<b>Name</b>	Enter the unique name of the operating system.
<b>System Type</b>	Select a defined operating system.
<b>System Template</b>	<p>Select the name of the System Template, which will be used to create the Initial Workspace for a configuration. This value will be stored in the Initial Configuration File and will be used by the Easy Manage Preparation Agent to create the Install Procedure of a configuration. If you leave this field blank, then a default template will be used. See Easy Manage Templates in the Easy Manage Reference guide.</p> <p>The following System Templates will be distributed by the Easy Manage setup:</p> <p>Default.TPL This template will copy the Windows distribution to the workstation and start the setup of Windows from that position.</p> <p>Network.TPL This template starts the setup of Windows from the network.</p> <p>Ghost.TPL This template will dump a partition to the workstation.</p>

---

<b>Answer Template</b>	Select the name of the Answer Template, which will be used to create the Initial Workspace for a configuration. This value will be stored in the Initial Configuration File and will be used by the Easy Manage Preparation Agent to create the Install Procedure of a configuration. If you leave this field blank, then a default template will be used. See Easy Manage Templates in the Easy Manage Reference guide. The Default.INF file will be distributed by the Easy manage setup.
<b>Note</b>	Enter additional information about the Operating system.

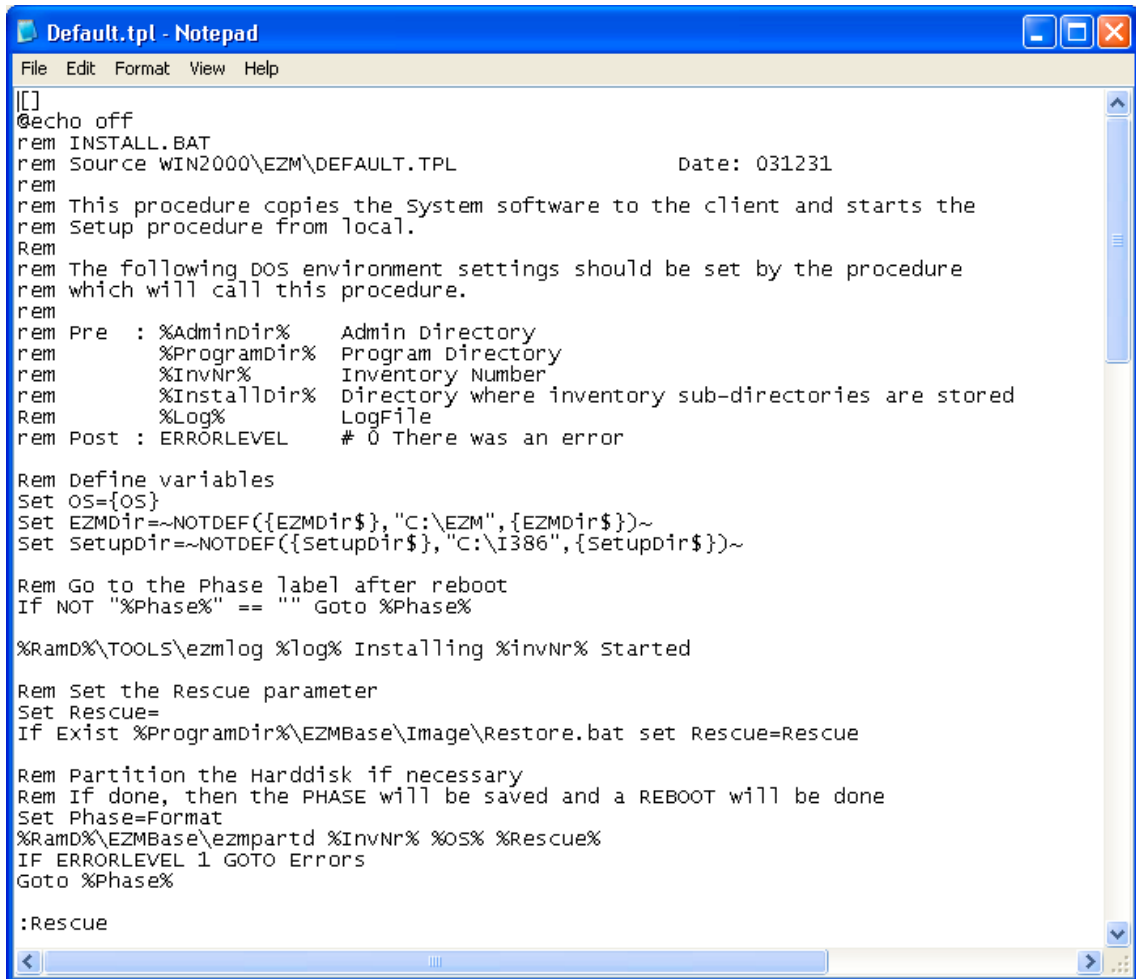
---

<b><i>Tab/Button</i></b>	<b><i>Description</i></b>
<b><i>Workstations</i></b>	This tab shows all workstations, which use this operating system.
<b><i>Servers</i></b>	This tab shows all servers, which use this operating system.
<b><i>Show Template</i></b>	See the <b>Show/Modify Template</b> function.

---

## Show/Modify Template

This function starts the default Windows editor with the template as input. Now you can show and modify the Template. The modification will be done for each configuration that will be installed. If you want to change the Default System or Answer template, save this under another name and select that file. The Default System and Answer templates will always be overwritten by an Easy Manage upgrade.



```
Default.tpl - Notepad
File Edit Format View Help
[ ]
@echo off
rem INSTALL.BAT
rem Source WIN2000\EZM\DEFAULT.TPL           Date: 031231
rem
rem This procedure copies the System software to the client and starts the
rem Setup procedure from local.
Rem
rem The following DOS environment settings should be set by the procedure
rem which will call this procedure.
rem
rem Pre   : %AdminDir%   Admin Directory
rem        %ProgramDir% Program Directory
rem        %InvNr%      Inventory Number
rem        %InstallDir% Directory where inventory sub-directories are stored
Rem        %Log%        LogFile
rem Post  : ERRORLEVEL   # 0 There was an error

Rem Define variables
Set OS={OS}
Set EZMDir=~/NOTDEF({EZMDir$},"C:\EZM",{EZMDir$})~
Set SetupDir=~/NOTDEF({SetupDir$},"C:\I386",{SetupDir$})~

Rem Go to the Phase label after reboot
If NOT "%Phase%" == "" Goto %Phase%

%RamD%\TOOLS\ezmlog %log% Installing %invNr% started

Rem Set the Rescue parameter
Set Rescue=
If Exist %ProgramDir%\EZMBase\Image\Restore.bat set Rescue=Rescue

Rem Partition the Harddisk if necessary
Rem If done, then the PHASE will be saved and a REBOOT will be done
Set Phase=Format
%RamD%\EZMBase\ezmpartd %InvNr% %OS% %Rescue%
IF ERRORLEVEL 1 GOTO Errors
Goto %Phase%

:Rescue
```

## Initial Software

With this function you can list all defined Initial Software applications and its usage, add a new one, modify or remove one. Initial Software is an application that will be installed in the Initial Workspace of a configuration. This means that changes only effects new installations or re-installations. You can Import and Export an Initial Software from or to another Easy Manage Configuration Database. The Database Description and the Software in the Knowledge Database will be imported and exported.

### Add/Modify Initial Software

With this function you can add a new, modify or show the selected application and you will see where it is used. The values will be used as default value if you install an Initial Software in a configuration. You can define an Initial Software application for more platforms, if you have defined the Installation Scripts for each platform in the Knowledge Database. You can use the Easy Manage Driver Loader to load the drivers in the Knowledge Database.

Field	Description
<b>Name</b>	Enter the unique name of the Initial Software.
<b>Ident</b>	Shows the unique identification of this Initial Software.
<b>Class</b>	Select the defined class of the application. This field is only enabled for new Initial Software. Depending on the class that was chosen, the extended tabs will be shown.
<b>Manufacturer</b>	Select the defined or enter the new manufacturer's brand name of the Initial Software.
<b>Version</b>	Enter the Version number of the Initial Software.
<b>Language</b>	Enter the language of this Initial Software.
<b>Documentation</b>	Enter the location of the documentation.
<b>Owner</b>	Select the defined employee who is the owner of this application



<b>Functional Manager</b>	Select the defined employee who is the functional manager of this application
<b>Technical Manager</b>	Select the defined employee who is the technical manager of this application
<b>Status</b>	Select the status of this Initial Software. The status could be: New, Build, Test, Production, Obsolete If the status Obsolete was selected, then this Initial Software could not be selectable to install.
<b>Notes</b>	Enter additional information for this Initial Software.

<b>Tab</b>	<b>Description</b>
<b>Platforms</b>	With this function, you can show and change the operating systems that are appropriate for this Initial Software. This Tab is not available when the class is an Operating System. The platform will automatically selected for the appropriate Operating System.
<b>Invoice</b>	See the <b>Invoice</b> function.
<b>License</b>	See the <b>License</b> function.
<b>Network/OS</b>	See the <b>Network/OS</b> function.
<b>TCP/IP</b>	See the <b>TCP/IP</b> function.
<b>IPX</b>	See the <b>IPX</b> function.
<b>Script</b>	See the <b>Script</b> function.
<b>Drivers</b>	See the <b>Drivers</b> function.
<b>Attachments</b>	With this function, you can up-, download and view attached files to this Initial Software.
<b>Substitutions</b>	With this tab you can show, add and modify substitution values only used by this Initial Software. These variables will only be exported in de Machine Answer file, if this Initial Software was installed on a configuration.
<b>Services</b>	With this tab you can shows the defined and selected services of the valid services for this Initial Software. You can add or delete services to and from it.
<b>Workstations</b>	This tab shows all workstations, which use this Initial software.
<b>Servers</b>	This tab shows all servers, which use this Initial software.
<b>Calls</b>	This tab shows all calls, which are related to this Initial Software.

## Script

With this tab you can show and change the script information that is appropriate for this Initial Software.

Initial Software

 Save
 Cancel

**Name**

**Class**

**Ident**

**Obsolete**

**General** **Invoice** **License** **Substitutions** **Script** **Servers** **Platforms** **Drivers**

**Disk usage**

**Model**

<i>Field</i>	<i>Description</i>
<b>Disk Usage</b>	Enter the Disk usage in Mbytes required for this Initial Software.
<b>Model</b> <i>{Model} and {Script}</i>	This field directs to the Model directory in the specific OS dependent platform Knowledge Database. If this field is empty, then the Class Name will be used as default. For each platform you want to use, you have to define an Installation Script to install this Initial Software.

## Invoice

With this tab you can show and change the invoice information that is appropriate for this Initial Software.

Initial Software

Save Cancel

**Name**  **Ident**

**Class**   **Obsolete**

General **Invoice** License Substitutions Script Network/OS Workstations Drivers

**Supplier**  
  
**Invoice date**  
  
**Order number**

<i>Field</i>	<i>Description</i>
<b>Supplier</b>	Select the supplier of this Initial Software.
<b>Invoice date</b>	Enter the invoice date.
<b>Order number</b>	Enter the order number.

## Drivers

With this tab you can show and load the OEM drivers for this Initial Software in the Knowledge Database. You will only see those platforms, which are selected and/or already loaded.

Initial Software

Save
Cancel

Name  Ident

Class  Obsolete

General
Invoice
License
Substitutions
Script
Network/OS
TCP/IP
Workstations
Platforms
Drivers

PlatForm ▲	Directory	Loaded
VAX/VMS Ope...	VAXVMS	
Windows 2000	WIN2000	
Windows ME	WINME	
Windows XP	VMS	

Load

Select the platform and click the **Load** button to start the Easy Manage Driver Loader Wizard. See the Easy Manage Configuration Guide for further explanation.

## License

With this tab you can show and change the license information that is appropriate for this Initial Software.

Initial Software

Save
 Cancel

Name

Class

Ident

Obsolete

General
Invoice
License
Substitutions
Script
Network/OS
TCP/IP
Workstations
Platforms
Drivers

Number of licenses

Usage

License number

Authentication key

<i>Field</i>	<i>Description</i>
<b>Number of Licenses</b>	Enter the number of licenses for this Initial Software.
<b>Usage</b>	Shows the total number of configurations, which uses this Initial Software.
<b>License Number</b>	Enter the default license number to use for this Initial Software.
<b>Authentication Key</b>	Enter the default Authentication key to use for this Initial Software.

## TCP/IP

With this tab you can show and modify the default network settings for the Initial Software.

Initial Software

Save
Cancel

Name  Ident

Class  MSTCP Obsolete

General
Invoice
License
Substitutions
Script
Network/OS
TCP/IP
Workstations
Platforms
Drivers

Enable DHCP

Unique IPAddress

Subnet mask

Enable WINS

Primary WINS

Secondary WINS

Enable DNS

Domain name

DNS servers

Gateways

Domain order

LMHost path

Scope ID

Field	Description
<b>Enable DHCP</b>	Activate this field, if DHCP should be enabled by default.
<b>Unique IpAddress</b>	Enable this field, if a check should be made for a unique IP Address in a configuration, where this application is installed.
<b>Subnet Mask</b>	Enter the default Subnet Mask to use.
<b>Enable WINS</b>	Select the way that WINS should be used.
<b>Primary WINS</b>	Enter the default Name or IP Address of the primary Windows Name Server to use.
<b>Secondary WINS</b>	Enter the default Name or IP Address of the secondary Windows Name Server to use.
<b>Enable DNS</b>	Activate this field, if DNS should be enabled by default.
<b>DNS Domain Name</b>	Enter the default Name of the IP Domain to use.
<b>DNS Servers</b>	Enter the Default Name or IP Number of the IP Domain Name Server.
<b>Domain Order</b>	Enter the default sequence of the IP Domains to search for.
<b>Gateways</b>	Select this field to enter the IP Numbers of the default gateways to use.
<b>LM HostPath</b>	Enter the default LM HostPath of the hosts table to use.
<b>Scope ID</b>	Enter the default Scope ID.

## IPX

With this tab you can show and modify the default network settings for the Initial Software of class type IPX.

Initial Software

Save
 Cancel

Name

Class

Ident

Obsolete

General
Invoice
License
Substitutions
Script
Network/OS
IPX
Workstations
Platforms
Drivers

Preferred Server

Tree

Context

Search Mode

FirstNetDrive

SAP Browsing

Browser Master

Frame Type

Net BIOS

Process Logon Script

Field	Description
<b>Preferred Server</b>	Enter the default Name of the NetWare preferred server to use.
<b>Tree</b>	Enter the default tree of the Netware environment.
<b>Context</b>	Enter the default context of the Netware environment.
<b>Search Mode</b>	Enter the default NetWare search mode. The value corresponds to the value specified in the NET.CFG for Novell NetWare (0-7).
<b>First Net Drive</b>	Enter the default Drive name of the first net drive to use.
<b>SAP Browsing</b>	Activate this field, if SAP browsing should be enabled by default.
<b>Browse Master</b>	Enter the default Name of the Browse Master to use.
<b>Frame Type</b>	Select the default type of frame to use.
<b>Net BIOS</b>	Activate this field, if NetBios should be enabled by default.
<b>Process Logon Script</b>	Enable this field, if Logon scripts should be processed by default.

## Network/OS

With this tab you can show and modify the default network settings for the Initial Software of class type Network or OS.

The screenshot shows the 'Initial Software' configuration window with the 'Network/OS' tab selected. At the top, there are buttons for 'Save', 'Cancel', and 'Export'. Below these are fields for 'Name' (Windows XP Professional), 'Class' (Windows XP), 'Ident' (52), and 'Obsolete' (checkbox). The 'Network/OS' tab is active, showing fields for 'Validate logon' (checked), 'Logon domain' (ezmanage), 'Default Protocol' (dropdown), and 'Target Path' (text box). Other tabs include 'General', 'Invoice', 'License', 'Substitutions', 'Script', 'Workstations', 'Drivers', and 'Attachments'.

<i>Field</i>	<i>Description</i>
<b>Validate Logon</b>	Activate this field, when an NT or LM Domain controller should validate Logons by default.
<b>Logon Domain</b>	Enter the default Domain Name of the NT or LM Domain controller on which the user should log on.
<b>Default Protocol</b>	Select the default protocol to use. Only possible for an Operating System class type.
<b>Target Path</b>	Enter the target path, where Windows will be installed.

## Application Workspaces

With this function you can list all defined Application Workspaces and its usage, add a new one, modify or remove one. An Application Workspace is an application, which could be distributed to the workstations. With this function, you can define the characteristics of the applications to distribute. You have to create the application itself by the Easy Manage Application Workspace Wizard or creating your own install script. See the Easy Manage Configuration Guide for a further explanation. You can Import and Export an Application Workspace from or to another Easy Manage Configuration Database. The Database Description and the Application in the Knowledge Database will be imported and exported.

### Add/Modify Application Workspace

With this function you can add a new one, show or modify the selected Application Workspace and you can see where it is used.

Field	Description
Name	Enter the unique name of the Application Workspace.
Ident	Shows the identification of this Application Workspace.
Class	Select the defined class of the Application Workspace. This could only be done for new Application Workspaces. This class is just for administrative purposes.
Manufacturer	Select the defined or enter a new manufacturer's brand name of the Application Workspace.
Version	Enter the Version number of the Application Workspace. <b>An application will be updated to each workstation, when this field was changed.</b>
Language	Enter the language of this Application Workspace.
Documentation	Enter the location of the documentation.
Owner	Select the Owner of this application.

<b>Functional Manager</b>	Select the Functional Manager of this application.
<b>Technical Manager</b>	Select the Technical Manager of this application.
<b>Status</b>	Select the status of the Application Workspace. The status could be: New, Build, Test, Production, Obsolete. When the status is changed to Obsolete, then application will NOT be installed on new workstations. The control files of installed applications on a workstation will be removed from that workstation, so the application will not be known anymore on the workstation. If you change this status from Obsolete to something else, then the application will be reinstalled on workstations, where this application was assigned.
<b>Note</b>	Enter the additional information for this Application Workspace.

<b>Tab</b>	<b>Description</b>
<b>Platforms</b>	With this tab, you can show and change the operating systems that are appropriate for this Application Workspace.
<b>License</b>	With this tab you can show and change the license information of this Application Workspace. See the <b>License</b> function.
<b>Groups</b>	With this tab you can list the groups where this Application Workspace belongs, add and remove this Application Workspace to and from a group. A 'U' in the column User indicates that the group is a users group. A 'C' in the column Conf indicates that the group is a configurations group. When you assign the Application Workspace to a configuration group, then the application will be distributed to all workstations that belong to that group.
<b>Workstations</b>	With this tab you can list the workstations where this Application Workspace was installed. You can add and remove this Application Workspace to and from a Workstation.
<b>Users</b>	With this tab you can list the users allowed for this Application Workspace, allow and deny this Application Workspace to a user. This is only usefully for the user part of an Application Workspace (Icons).
<b>Substitutions</b>	With this tab, you can show, add and modify substitution values only used by this application. These variables will only be exported in de Machine Answer file, if this Application was installed on a configuration. These substitutions could not be used, when the application is used in a group.
<b>Services</b>	With this tab, you can show, add and remove services for this Application Workspace.
<b>Script</b>	With this tab, you can show and change the script information and post actions of this Application Workspace. See the <b>Script</b> function.
<b>Attachments</b>	With this tab, you can up-, download and open attached files.
<b>Units</b>	With this tab you can list the units allowed for this Application Workspace, allow and deny this Application Workspace to a Unit.
<b>Calls</b>	This tab shows all related calls for this Application Workspace.

## License

With this tab you can show and change the license data for this application Workspace.

Application Workspace

Save
 Cancel

Name

Class

Ident

Obsolete

General

Invoice

Platforms

**License**

Groups

Workstations

Employees

Substitutions

Script

Number of licenses

Configurations

Employees

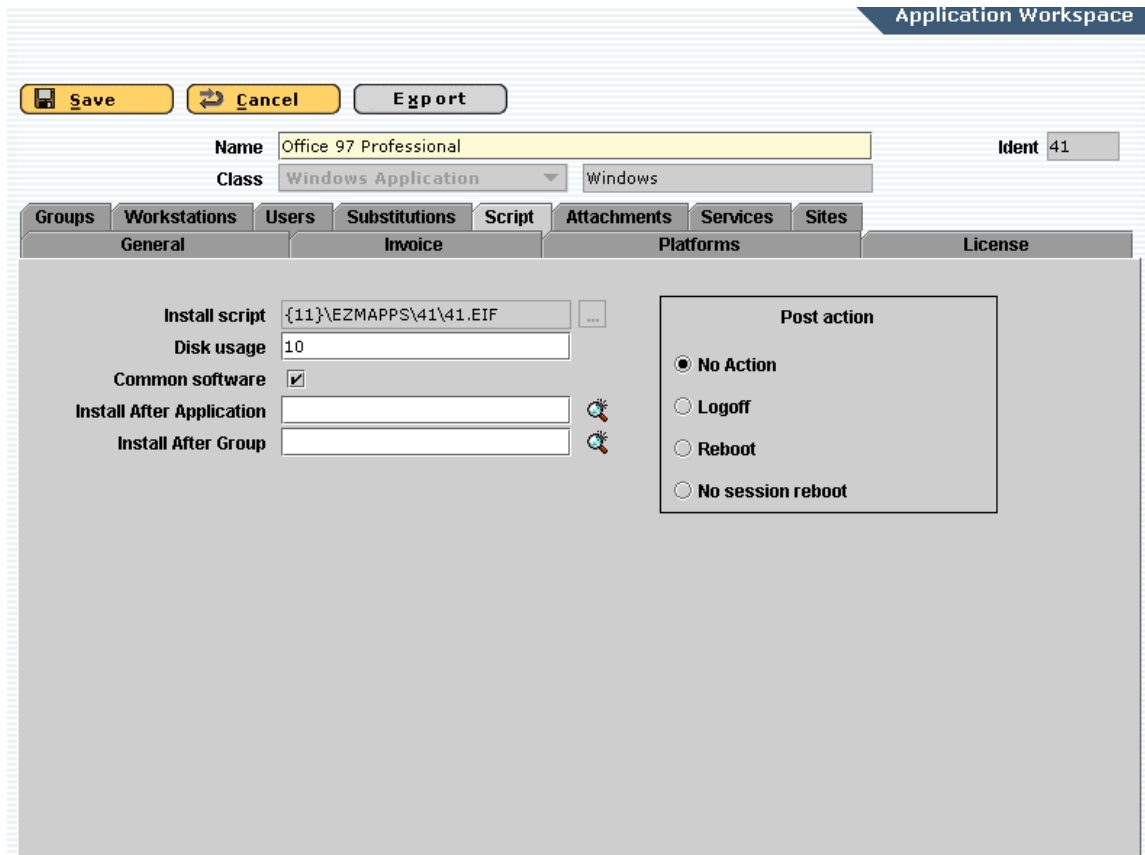
License number

Authentication key

<i>Field</i>	<i>Description</i>
<b>Number of Licenses</b>	Enter the number of licenses for this Application Workspace.
Configurations	Shows the number of configurations, which uses this Application Workspace.
Users	Shows the number of users, which are allowed to use this Application Workspace.
<b>License number</b> <i>{&lt;C&gt;_SerialNumber\$}</i>	Enter the serial number for this Application Workspace. You can use this value in the script as a substitution.
<b>Authentication Key</b> <i>{&lt;C&gt;_AuthKey\$}</i>	Enter authentication key for this Application Workspace. You can use this value in the script as a substitution.

## Script

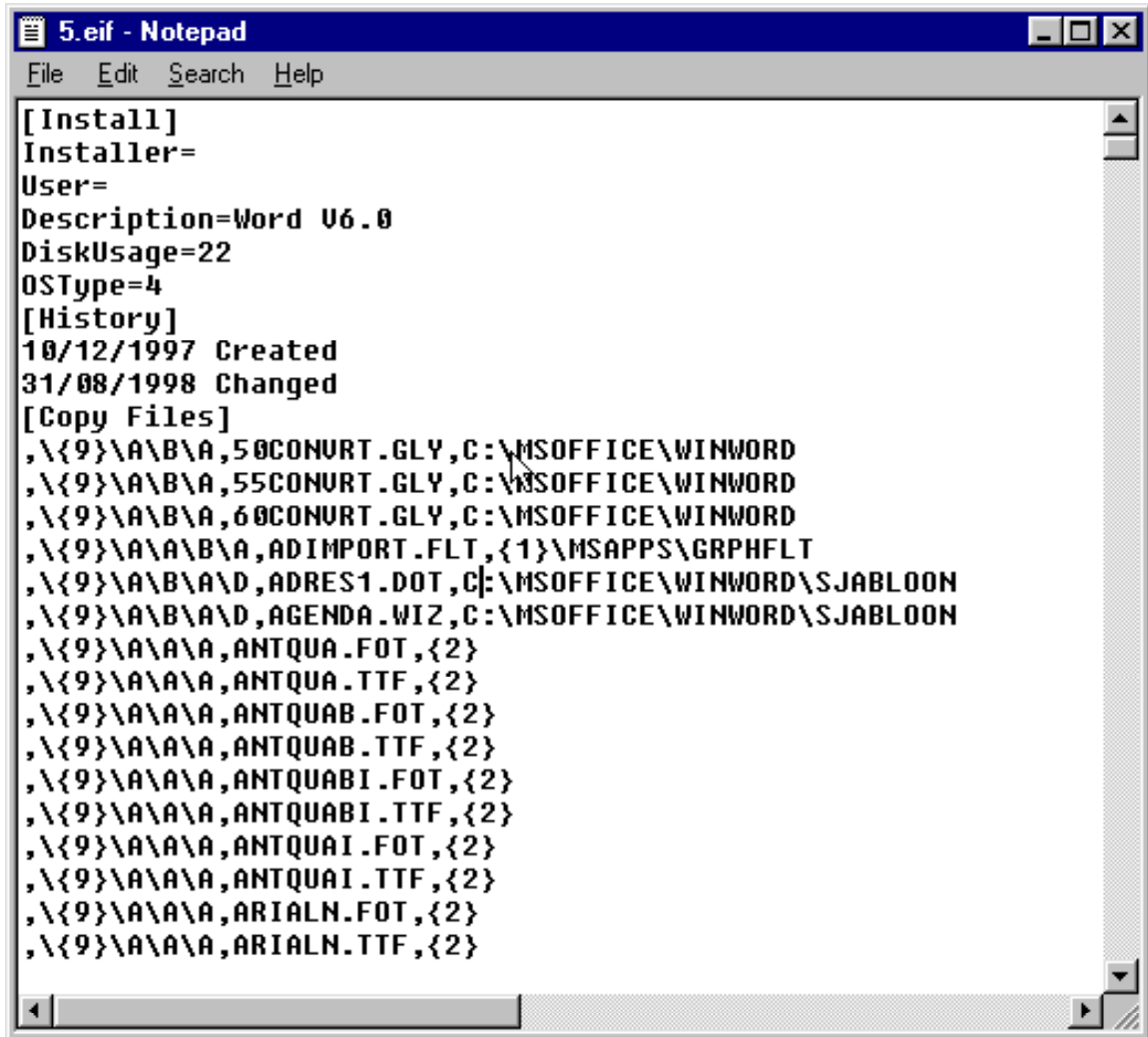
With this tab, you can show and change the script information and post actions of this Application Workspace.



Field	Description
<b>Install Script</b>	Name of the Easy Manage Information File. This is the return value of the Easy Manage Application Workspace Recorder, when the Application was recorded. To show or modify the install script, click the ‘...’ button. This will start the <b>Show/Modify Easy Manage Information File</b> function.
<b>Disk Usage</b>	The amount of disk space in Mbytes used by the Application. This is the return value of the Easy Manage Application Workspace Recorder, when the Application Workspace was recorded.
<b>Common Software</b>	Enable this field, if this Application Workspace is allowed to use by each user.
<b>Install After Application</b>	Select the application where this application should installed <b>after</b> . The sequence of installing applications on the workstation is the sequence defined by the ascending sort of the Ident of the Application. With this field you demand to install this application after a specific application.
<b>Install After Group</b>	Select the group where this application should installed <b>after</b> .
<b>Post Action</b>	Select the action that should be executed, when the application will be installed on the workstation. When the one or more applications will be installed, the action with the biggest impact will be executed. The sequence of the impact will be: <ol style="list-style-type: none"> <li>1. No Action Normally an Application Workspace will determine the action after installing</li> <li>2. Logoff Select this option, if the application should be activated after logon.</li> <li>3. Reboot Select this option, if the application should be activated after logon.</li> </ol>

## Show/Modify Easy Manage Information File

This function starts the default Windows editor with the template as input file. Now you can show the template or modify it. Be aware if you modify the template, the changes will be made to all configurations where this Application Workspace is used.



```
5.eif - Notepad
File Edit Search Help
[Install]
Installer=
User=
Description=Word U6.0
DiskUsage=22
OStype=4
[History]
10/12/1997 Created
31/08/1998 Changed
[Copy Files]
,{9}\A\B\A,50CONVRT.GLY,C:\MSOFFICE\WINWORD
,{9}\A\B\A,55CONVRT.GLY,C:\MSOFFICE\WINWORD
,{9}\A\B\A,60CONVRT.GLY,C:\MSOFFICE\WINWORD
,{9}\A\B\A,ADIMPORT.FLT,{1}\MSAPPS\GRPHFLT
,{9}\A\B\A\D,ADRES1.DOT,C:\MSOFFICE\WINWORD\SJABLOON
,{9}\A\B\A\D,AGENDA.WIZ,C:\MSOFFICE\WINWORD\SJABLOON
,{9}\A\A\A,ANTQUA.FOT,{2}
,{9}\A\A\A,ANTQUA.TTF,{2}
,{9}\A\A\A,ANTQUAB.FOT,{2}
,{9}\A\A\A,ANTQUAB.TTF,{2}
,{9}\A\A\A,ANTQUABI.FOT,{2}
,{9}\A\A\A,ANTQUABI.TTF,{2}
,{9}\A\A\A,ANTQUAI.FOT,{2}
,{9}\A\A\A,ANTQUAI.TTF,{2}
,{9}\A\A\A,ARIALN.FOT,{2}
,{9}\A\A\A,ARIALN.TTF,{2}
```

## Platforms

With this function you can list all defined platform types or modify one. A platform type will be used to categorize an operating system. You can use a combination of one or more platforms for every Initial Application and Application Workspace that you define. It uses a unique binary ID for the platform and the entry in the Knowledge Database, so this makes it possible to have more combinations. A Platform Type is language and distribution independent.

Platforms

Open...
 Search...
 Sort...

ID	Name	OS Directory
1		
2		
4	Windows ME	WINME
8	Windows 95	WIN95
16	Windows NT 4.0	WINNT
32	Windows 2000	Win2000
64	Windows 98	WIN98
128	Windows XP	WINXP
256	Linux	LINUX
512	VAX/VMS Operating System	VAXVMS
1024	Unix Operating System	UNIX
2048	Network Operating System	NETWORK

**Total** 12

## Add/Modify Platform

This function allows you to modify the selected platform.

<b>Field/Tab</b>	<b>Description</b>
<b>Type Id</b>	Shows the binary coded ID of the platform type.
<b>Name</b>	Enter the unique name of a platform. If this field is blank, then the platform is not selectable by a configuration.
<b>OS Directory</b>	Select or enter the name of the platform directory in the Knowledge Database (Max 8 characters). See the easy Manage Reference Guide for further explanation. This OS Directory should be the name of the class for an Operating System.
<b>Note</b>	Enter additional information about the platform.
<b>Tab Operating Systems</b>	This tab lists all the operating systems for this platform type.

## Groups

With the Groups function you can list all defined groups, add a new, modify, show or remove one. A group could be used to place applications, users and configurations in. An application in a configuration group will be installed by all configurations belonging to that group. You can define if a group should be used for configurations or users or both. You can schedule an install or delete action for a configuration group.

### Add/Modify Group

With this function you can add or modify a group. You can show and define Plug-ins when a user is added or removed to or from this group.

Configuration Groups

Save
 Cancel

Name

General
Users
Plug-ins
Configurations
Applications
Schedule

**Users group**

Group ID

Install After Application

Install After Group

Note

Created By

Modified By

Date of creation

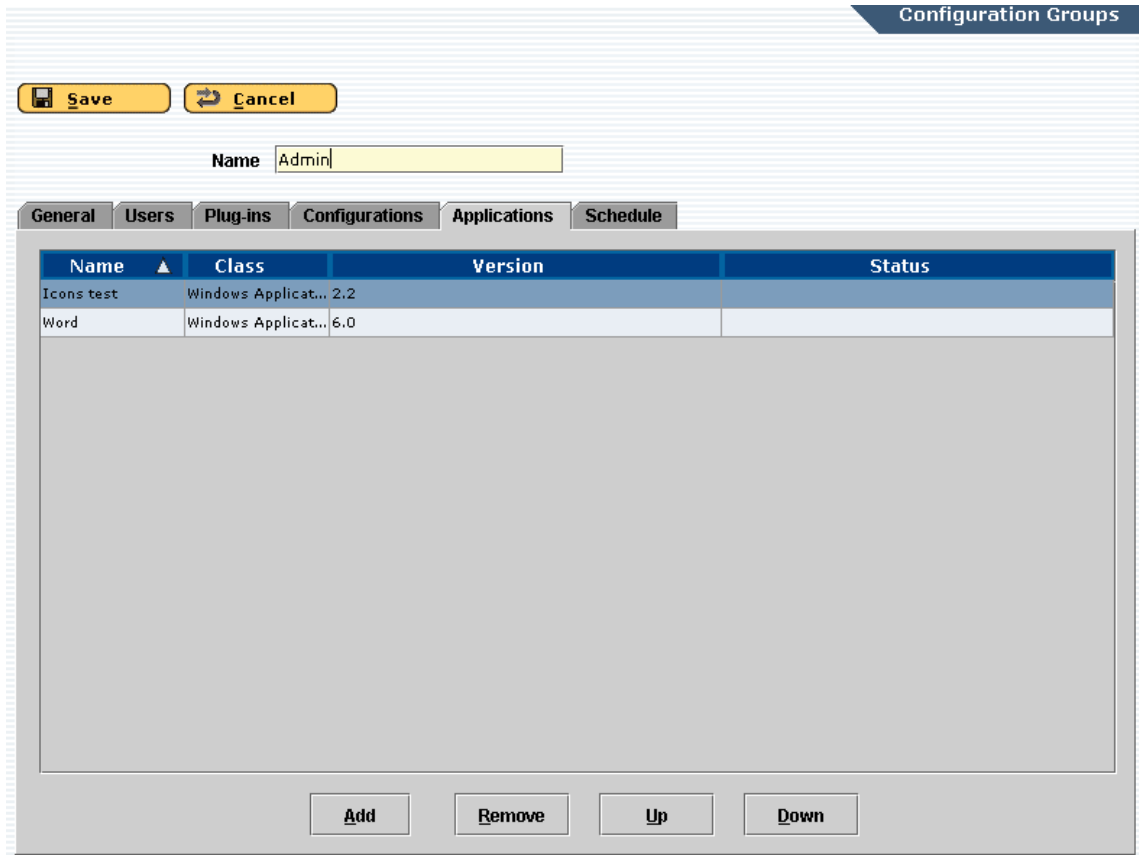
Date of modification

Field	Description
<b>Name</b> {Group\$}	Enter the unique name of the Group.
<b>Configurations Group</b>	Enable this field, if this Group should be used for configurations (default). It is not possible to disable this field, if they're any configurations already selected into this group.
<b>Users group</b>	Enable this field, if this Group should be used for users too. You can use a group for users only, configurations only or both. The Tab Users will become visible, when this field was enabled. It is not possible to disable this field, if they're any users already selected into this group.
<b>Group ID</b> {GroupId\$}	Enter the Group Id for this group in case of a Unix group.
<b>Install After Application</b>	Select the Application at which this group of applications should be installed after.
<b>Install After Group</b>	Select the group at which this group of applications should be installed after.
<b>Note</b>	Enter additional information about the group.

<i>Tab</i>	<i>Description</i>
<b>Configurations</b>	With this function you can list the configurations belonging to the selected configuration group, add a new or remove one. The applications that belong to this group will be installed on the configurations belonging to this group.
<b>Applications</b>	With this function you can list the applications belonging to the selected configurations group, add a new or remove one. The applications that belong to this group will be installed on the configurations belonging to this group. See the <b>Applications</b> function. BE AWARE: A configurations group could also be a users group.
<b>Users</b>	When the Users Group is enabled, you can list the users belonging to the selected user group, add a new or remove one. The applications that belong to this group will be allowed to the users belonging to this group.
<b>Plug-ins</b>	With this tab you can show and change the Plug-ins in case this is also a user group.
<b>Schedule</b>	With this tab you can show or schedule an action for the group. See the <b>Schedule</b> function.

## Applications

With this function you can show, add and remove application to the group. The display order in the group determines the install sequence of the application workspaces. The action will be effectuated on the workstation at the first user login after the indicated time.



<i>Button</i>	<i>Description</i>
<b>Up</b>	This button moves the application in the group to a higher position.
<b>Down</b>	This button moves the application in the group to a lower position.

## Schedule

With this function you can schedule a “Remove” or “Add” action for a configuration group. The action will be effectuated on the workstation at the first user login after the indicated time.

The screenshot shows a web-based interface for managing configuration groups. At the top right, there is a blue header labeled 'Configuration Groups'. Below this, there are two buttons: 'Save' (with a floppy disk icon) and 'Cancel' (with a circular arrow icon). A text input field labeled 'Name' contains the word 'Purchase'. Below the name field is a tabbed interface with five tabs: 'General', 'Employees', 'Plug-ins', 'Configurations', and 'Schedule'. The 'Schedule' tab is currently selected. Under this tab, there are three fields: 'Action' is a dropdown menu showing 'Install'; 'Action date' is a text input field containing '3/9/2004'; and 'Action time' is a text input field containing '15:38'. A small calendar icon is visible to the right of the date field.

<i>Field</i>	<i>Description</i>
<b>Action</b>	Select the action to execute on the given date and time. <b>Remove:</b> the applications belonging to this group will be removed from the configurations belonging to this group. <b>Install:</b> the applications belonging to this group will be installed on the configurations belonging to this group.
<b>Date</b>	Enter the date for the action to execute.
<b>Time</b>	Enter the time for the action to execute.

## Substitutions

With this function you can list the defined substitutions for all configurations and users, add a new or modify one. A substitution will be used as extra variables in a Initial Software template or Application Workspace script related to a configuration or user. You can use this function to add your own variables. A new configuration substitution will only effectuated on new installed workstations and workstations where changes are made in the Initial Workspace.

### Add/Modify Substitution

With this function you can add or modify a substitution. You can give a substitution a default value.

The screenshot shows a web-based form titled "Substitutions". At the top right of the form area is a blue tab labeled "Substitutions". Below the title bar are two buttons: "Save" (with a floppy disk icon) and "Cancel" (with a circular arrow icon). The "Name" field is a text input containing "OfficeKey\$". Below this is a "General" tab. Under the "General" tab, there is a "Default value" label followed by a light blue text input field. At the bottom of the form, there are four fields: "Created By" with the value "ezm", "Date of creation" with the value "21/08/2005 11:43 PM", "Modified By" (empty), and "Date of modification" (empty).

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique name of this substitution. Use the convention for the substitution as written in the top of this document.
<b>Default value</b>	Enter the default value of the substitution.
<b>User Substitution</b>	Enable this field, when this is a substitution should be related to a user.



## Hardware Menu

With the Hardware Menu, you can define each piece of hardware component in your organization. You will have a complete overview where a hardware component is used. You can put the drivers for this hardware in the Knowledge Database and use these for installation.

The screenshot shows the Easy Manage Admin Program interface in Microsoft Internet Explorer. The browser title is "Easy Manage - Microsoft Internet Explorer" and the address bar shows "www.ezmanage.nl". The page header includes the EZM logo and "Version V4.3".

The left sidebar contains a navigation menu with the following items: Configurations, Network, Telecom, Organization, Software, Hardware, Machine Types, Adapter Types, Device Types, Memory Types, Processor Types, Network Components, Bus Types, Port Types, Helpdesk, Helpdesk Setup, Control, Setup, Help, and Logout.

The main content area is titled "Hardware" and lists several submenus with their descriptions:

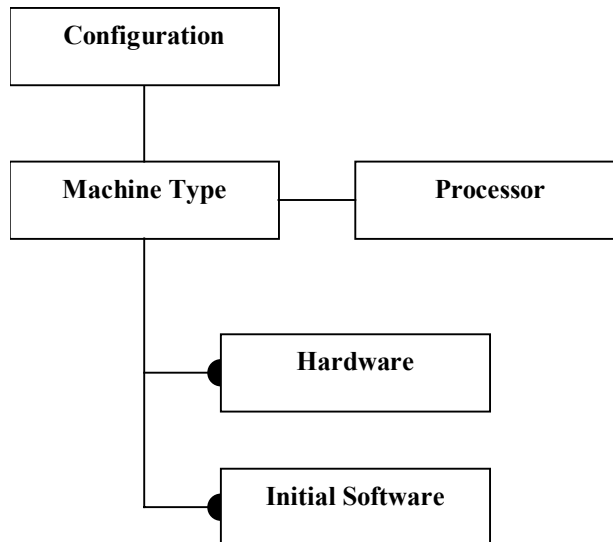
- Machine Types**: With the Machine Types submenu you can list all defined machine types and its usage, add a new, modify or remove one. A machine type is a description of a computer. You can define all characteristics of a computer in the machine type. So you can define all the hardware components when the machine is bought. Define the default software, when the machine is configured for the first time. Then the defined components will be automatically installed in the Initial Workspace of the workstation if this machine type is selected for the first time.
- Adapter Types**: With the Adapter Types submenu you can list all defined adapter types with its usage, add a new, modify or remove one. An adapter is a card you can put in a slot of the main board of a computer. You have to define all used adapter types once with its characteristics before you can install them in a configuration.
- Device Types**: With the Device Types submenu you can list all defined device types and its usage, add a new, modify or remove one. A device is a piece of hardware that could be connected to an adapter. You have to define all device types once with its characteristics. A defined device type could be used by every configuration and server.
- Memory Types**: With the Memory Types submenu you can list all defined memory types and its usage, add a new, modify or remove one. A memory type is a memory card, which you can put on a main board of a computer or printer. You have to define all used memory types once.
- Processor Types**: With the Processor Types submenu you can list all defined processor types and its usage, add a new, modify or remove one. Every machine type that you define in the Configuration Database could use a processor.
- Network Components**: With the Network Components submenu you can list all defined network component types and its usage, add a new, modify, show or remove one. A network component type could only be installed in a Network Component or a (network) printer, which you define in the Configuration Database.
- Telecom Types**: With the Telecom Types submenu you can list all defined Telecom types, add a new, modify, show or remove one. A Telecom type could be installed in every Telecom Device that you define in the Configuration Database.
- Port Types**: With the Port Types submenu you can list all defined port types and its usage, add a new, modify or remove one. A port type will be used by every adapter and device, which you define in the Configuration Database. A device will be connected to an adapter via a port type.
- Bus Types**: With the Bus Types submenu you can list all defined bus types and its usage, add a new, modify, show or remove one. A bus type could be installed in every configuration and server.

At the bottom of the page, there is a status bar with the following information: Build Number : 04122207, Registered Calls : 2 Calls, User Name : Ezm, and a Local intranet icon.

## Machine types

With this function you can list all defined Machine Types and its usage, add a new, modify or remove one. A Machine Type is a description of a computer. You can define all characteristics of a computer in the Machine Type. So you can define all the hardware components when the machine is bought. Define the default software, when the machine is configured for the first time. Then the defined components will be automatically installed in the Initial Workspace of the workstation if this Machine Type is selected for the first time. You can Import and Export a Machine Type from or to another Easy Manage Configuration Database. The Database Description and the Drivers in the Knowledge Database will be imported and exported.

The Relations:



### Add/Modify Machine Type

This function allows you to add a new or to modify the selected Machine Type and you will see where it is used. You can load additional software for a Machine Type for specific platforms. Click the **Load** button to start the Easy Manage Driver Loader, which will load the software in the Knowledge Database. See the Easy Manage Configuration Guide for further explanation.

Field	Description
<b>Name</b>	Enter the unique name of the machine type given by the manufacturer.
<b>Manufacturer</b>	Select the defined or enter a new manufacturer’s brand name of the machine type.
<b>Model Type</b> {MachineType\$}	Select the predefined physical model of the machine type.
<b>Model</b> {MachineModel\$}	Enter model name of the machine type. This name corresponds with the directory name in the Knowledge Database (Max 8 characters).
<b>Processor</b>	Select a defined or enter a new processor type that is inserted in the machine type.
<b>Maximum Speed</b>	Enter the maximum speed in MHz of the machine type.
<b>Note</b>	Enter additional information of the machine type.

Tab	Description
<b>Bus Types</b>	A machine has bus types to insert adapters. To have a good overview of the possibilities of the motherboard, define the number and type of bus types, which could be used. In this tab you can show and change the type and number of bus types for this machine type.
<b>Memory Slots</b>	A machine has memory slots to insert memory cards. To have a good overview of the possibilities of the motherboard, define the number and type of memory slots, which could be used. In this tab you can show and change the type and number of memory types for this machine type.
<b>Memory</b>	With this tab you can show and change the default memory cards of this machine type. These

memory cards will be installed in a configuration, when this machine type is selected.

**Hardware**

With this tab you can show and change the default adapters and devices of this machine type. These adapters and devices will be installed in a configuration, when this machine type is selected.

**Initial Software**

With this tab you can show and change the default Initial Software of this machine type. This Initial Software will be installed in the Initial Workspace of a configuration, when this machine type is selected.

**Attachments**

With this tab, you can up-, download and open attached files.

**Servers**

This tab shows all servers, where this machine type is used by.

**Workstations**

This tab shows all workstations, where this machine type is used by.

**Calls**

This tab shows all calls related to this machine type.

## Hardware Types

With this function you can list all defined hardware types and its usage, add a new, modify or remove one. A hardware type is a Device, an Adapter, a Network or a Telecom component type. It could be assigned to a configuration and will be used to install the Initial Workspace of a workstation. You have to define all hardware types once with its characteristics. You can Import and Export a hardware from or to another Easy Manage Configuration Database. The Database Description and the Drivers in the Knowledge Database will be imported and exported.

### Add/Modify Hardware Type

This function allows you to add a new or to modify the selected hardware type and it will show you where this hardware type is used. You have to put the drivers and setup scripts in the Knowledge Database, if you want to use these in the Initial Workspace. Each supported platform will have its own install scripts for this hardware type. Use the Tab Drivers and the **Load** button to install the drivers, it will start the Easy Manage Driver Installer. See the Easy Manage Configuration Guide for further explanation.

Field	Description
<b>Name</b>	Enter the unique name of the hardware type.
<b>Obsolete</b>	Enable this field, if this hardware type should not be selectable to install.
<b>Class</b> {Class}	Select the defined class name for this hardware type. This value will be stored in the ICF File as Class section. This value will be used in the System Template and is the directory name of the hardware in the Knowledge Database. Depending on the selected type some fields or tabs are visible.
<b>Manufacturer</b>	Select the defined or enter a new manufacturer's brand name of the hardware type.
<b>Model</b> {Model} and {<C>_Model\$}	Enter the Model of the hardware type (Max. 8 Characters). This field will be stored in the in the ICF File as <Model> field. This value is the directory name of the hardware in the Knowledge Database where the install scripts are stored for each platform.
<b>Connection Type</b>	Select the defined port type in case the hardware type is a device.
<b>Size</b>	Enter the size of the hardware type in case of hard disk or floppy disk.

<b>Speed</b>	Enter the speed of the hardware type in case of an Ethernet adapter, a CD-ROM disk drive or a modem.
<b>Resolution</b> {<C>_Resolution\$}	Enter the resolution of the hardware type in case of a monitor.
<b>Language</b> {<C>_Language\$}	Enter the language of the hardware type in case of a keyboard.
<b>Build in</b>	Enable Build in, if the hardware is built in.
<b>Bus Type</b>	Select the defined bus type in case the hardware type is an adapter.
<b>Equivalent</b>	Select an equivalent hardware for this hardware. If this hardware is equivalent to another hardware, it could not be installed into a configuration.
<b>Notes</b>	Enter extra information for this hardware type.

<b>Tab</b>	<b>Description</b>
<b>Substitutions</b>	With this function you can show, add, delete or modify the substitution variables to use for this hardware. Normally all predefined variables of a hardware are enough to control the install scripts. With this function, you can add new substitution variables for a hardware, if this hardware is installed in a configuration. These variables will be written in the System Answer file of the configuration.
<b>Ports</b>	An adapter has ports to assign devices to. To have a good overview of the possibilities of the adapter, define the ports, which this adapter uses. These ports will also be used to make a connection to ports of other components. When a new port is added, then the port will also be added to adapters installed in a configuration. When a port is deleted, then the port will also be deleted from each adapter installed in a configuration. A port could not be deleted, if it has an active connection in a configuration.
<b>Drivers</b>	With this tab you can show and load the drivers for this hardware type in the Knowledge Database. See the <b>Drivers</b> function.
<b>Partition Scheme</b> Only for class HardDisk	When the type of the hardware type is a device, then you can show, add or modify the partition scheme to use for this disk drive for each particular platform. This scheme will be the default, when this drive type is installed in a configuration. See the <b>Partition Scheme</b> function.
<b>Workstations</b>	This tab shows the workstations, where this hardware is used.
<b>Servers</b>	This tab shows the workstations, where this hardware is used.
<b>Attachments</b>	With this function, you can up-, download and open attached files.
<b>Calls</b>	This tab shows the related calls, where this hardware is used.

## Drivers

With this function you can show and load the OEM drivers for this adapter in the Knowledge Database.

Adapter Types

Save
 Cancel

**Name**

**Class**

**Obsolete**

General

Ports

Substitutions

Attachments

Drivers

Platform ▲	Directory	Loaded
Linux	LINUX	
Network Operating System	NETWORK	
Unix Operating System	UNIX	
VAX/VMS Operating System	VAXVMS	
Windows 2000	Win2000	
Windows 95	WIN95	
Windows 98	WIN98	
Windows ME	WINME	
Windows NT 4.0	WINNT	
Windows XP	WINXP	

Select the platform and click the **Load** button to start the **Easy Manage Driver Loader Wizard**.

## Partition Scheme

With this function you can show, add or modify the partition scheme to use for this disk drive for each particular platform. A partition scheme will be used as template for the auto partition function.

Device Types

Save
 Cancel

Description

Class  HardDisk

Obsolete

General
Substitutions
Partition Scheme
Drivers
Workstations

Partitions Platform  Size

Num... ▲	Desc...	Name	Size	Preserve	RelSize	Active	Rescue
1	OS/2 HP...	HPFS/NTFS	0	No	100	No	No
2	Primary ...	FAT32 (LBA)	2048	No	0	No	Yes
3	OS/2 HP...	HPFS/NTFS	0	No	100	No	No

New
Open
Delete

Field/Button	Description
<b>Platform</b>	Select the platform for the partition scheme.
Size	Shows the maximum size of the disk.
<b>Partitions</b>	Select a partition to modify or to show in detail.

### Add/Modify Partition Scheme

With this function, you can add or modify a partition scheme on a disk for the selected platform.

Partition

Save
Cancel

**Description** Partition Hardisk

**Size** 10

**Platform** Windows 2000

**General**

**Number**

**Type** OS/2 HPFS/WinNT NTFS

**Size**

**Relative**

**Percentage**

**Preserve**

**Active**

**Rescue**

**Created By** ezm

**Modified By** ezm

**Date of creation** 15/01/2004 01:31 PM

**Date of modification** 15/01/2004 01:32 PM

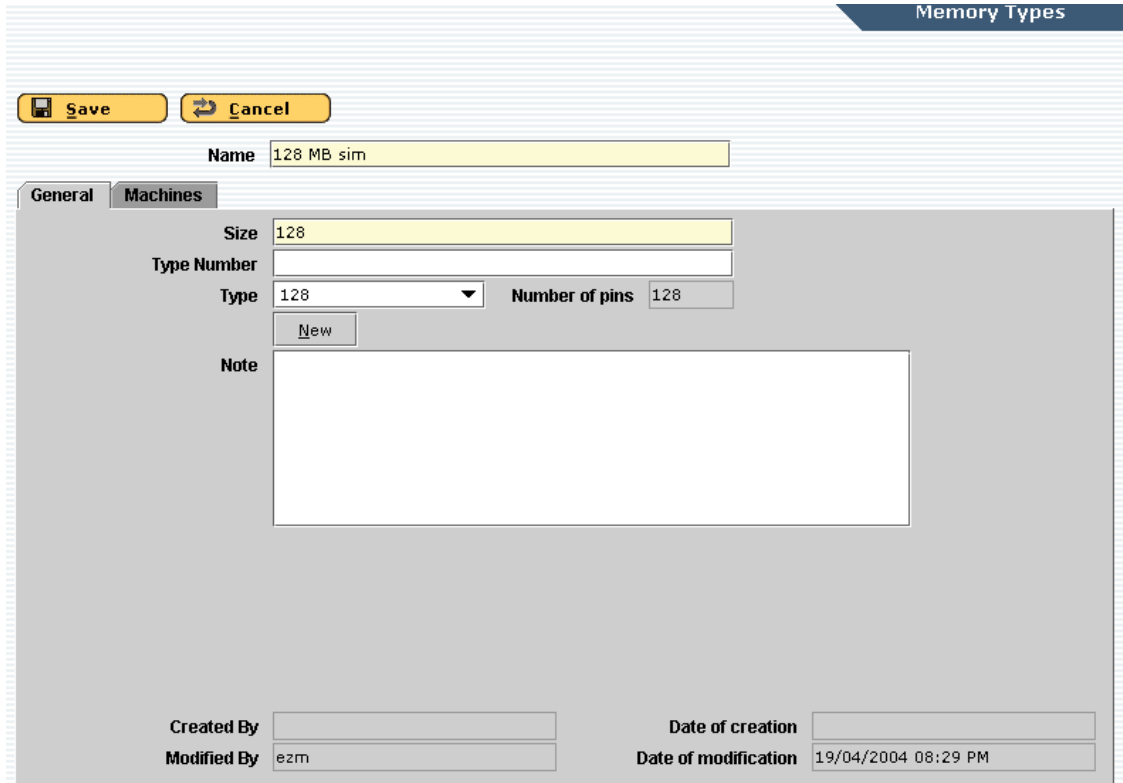
Field	Description
<b>Description</b>	Shows the description of the installed disk.
<b>Size</b>	Shows the size of the installed disk in Mbytes
<b>Platform</b>	Shows the platform of the workstation.
<b>Number</b>	Enter the number of the partition. It is advisable to use the following partition numbers: 1 for the Installed OS partition. 2 for the Rescue partition or for the Data partition if you don't want a Rescue partition 3 for the Data partition You could only use 3 partitions, because Easy Manage is using table entry 4 for internal use.
<b>Type</b>	Select the partition type.
<b>Size</b>	Enter the size of the partition in Mbytes. This is only advisable for the rescue partition.
<b>Relative</b>	Enable this field, if you want to enter a relative size and disable the Size.
<b>Percentage</b>	Enter the relative size of the partition. This is not possible for the rescue partition.
<b>Active</b>	Enable this field, when this partition should be active.
<b>Rescue</b>	Select this field if you want to use a rescue partition.

## Memory Types

With this function you can list all defined memory types and its usage, add a new, modify or remove one. A memory type is a memory card, which you can put on a main board of a computer or printer. You have to define all used memory types once.

### Add/Modify Memory Type

This function allows you to add a new or to modify the selected memory type and you will see where it is used.



<i>Field</i>	<i>Description</i>
<b>Description</b>	Enter the unique description of the memory type.
<b>Size</b>	Enter the size of the memory type in Mbytes.
<b>Type Number</b>	Enter the type number as printed on the module.
<b>Type</b>	Select the Number of Pins by using the pull down function. To add new type click the <b>New</b> button.
<b>Note</b>	Enter additional information about the memory type.

<i>Tab</i>	<i>Description</i>
<b>Workstations</b>	This tab shows all workstations, which use this Memory Type.
<b>Servers</b>	This tab shows all servers, which use this Memory Type.
<b>Printers</b>	This tab shows all printers, which use this Memory Type.
<b>Network</b>	This tab shows all network components, which use this Memory Type.

## Processor Types

With this function you can list all defined processor types and its usage, add a new, modify or remove one. Every machine type that you define in the Configuration Database could use a processor.

### Add/Modify Processor Type

This function allows you to add a new or to modify the selected processor type and you will see where this processor type is used.

The screenshot shows the 'Processor Types' form. At the top right is the title 'Processor Types'. Below it are 'Save' and 'Cancel' buttons. A 'Name' field contains 'Pentium III 300'. There are three tabs: 'General', 'Workstations', and 'Machines'. The 'General' tab is selected, showing fields for 'Manufacturer' (Intel), 'Model', 'Speed' (300), and 'Note'. At the bottom, there are four fields: 'Created By', 'Modified By', 'Date of creation', and 'Date of modification'.

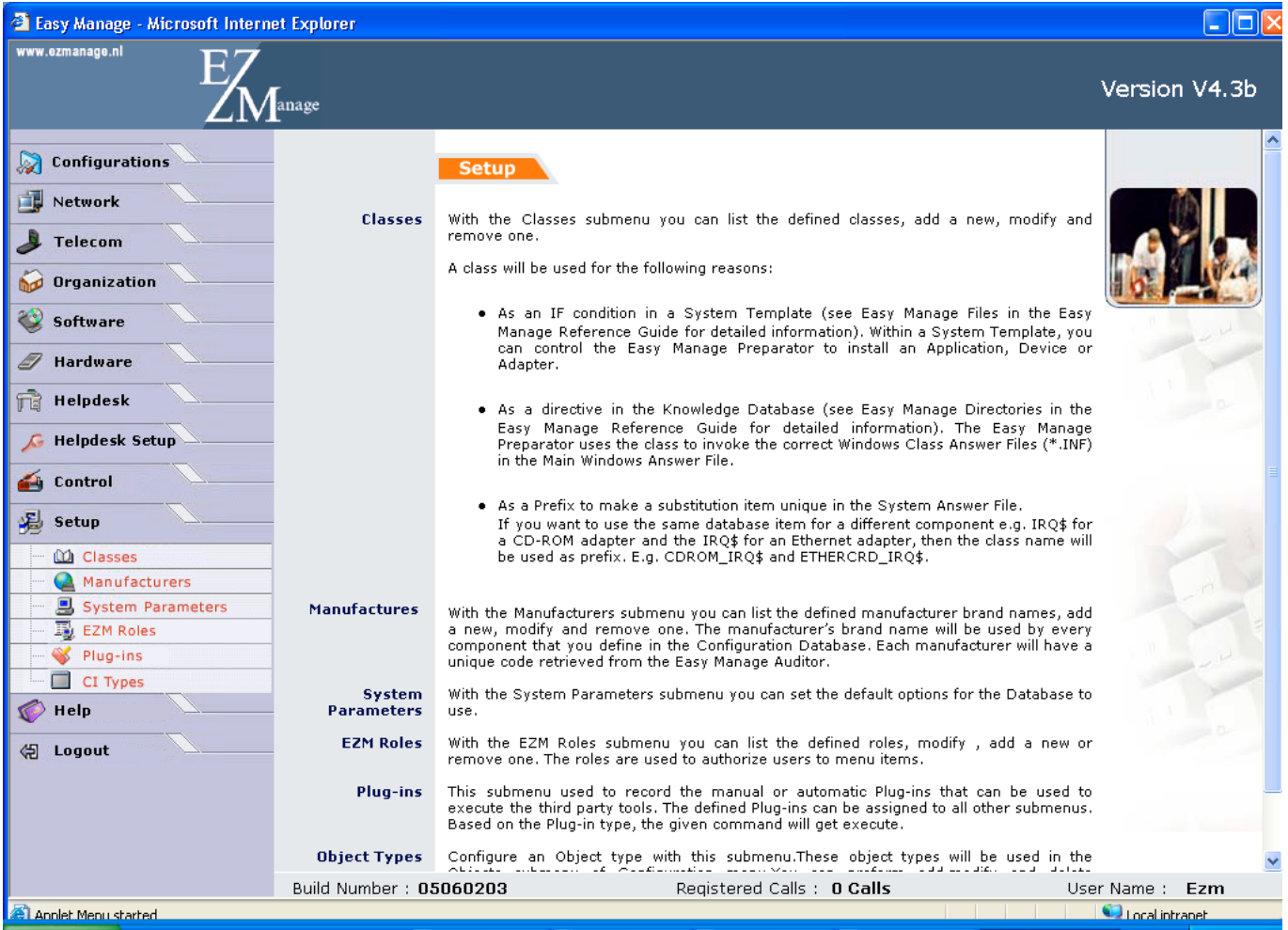
<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique name of the processor.
<b>Manufacturer</b>	Select the defined or enter the new manufacturer's brand name of the processor.
<b>Model</b>	Enter the model name of the processor.
<b>Speed</b>	Enter the Speed in MHz of the processor.
<b>Note</b>	Enter additional information about the processor.

<i>Tab</i>	<i>Description</i>
<b>Servers</b>	Lists all servers, which use this processor type related to the selected machine type.
<b>Workstations</b>	Lists all workstations, which use this processor type related to the selected machine type.
<b>Machines</b>	Lists all machines, which use this processor type.



# Setup Menu

With the Setup Menu, you can maintain the basic objects of the Easy Manage Admin Program.



## Classes

With this function you can list the defined classes and its usage, add a new, modify and remove one. The system has provided classes, which could not be changed. Only the description of a provided class could be changed.

A class will be used for the following reasons:

- As an IF condition in a System Template (see Easy Manage Files in the Easy Manage Reference Guide for detailed information). Within a System Template, you can control the Easy Manage Preparator to install an Application, Device or Adapter.
- As a directive in the Knowledge Database (see Easy Manage Directories in the Easy Manage Reference Guide for detailed information). The Easy Manage Preparator uses the class name to invoke the correct Windows Class Answer Files (\*.INF) in the Main Windows Answer File.
- As a Prefix to make a substitution item unique in the System Answer File.  
If you want to use the same database item for a different component e.g. IRQ\$ for a CD-ROM adapter and the IRQ\$ for an Ethernet adapter, then the class name will be used as prefix. E.g. CDROM\_IRQ\$ and ETHERCRD\_IRQ\$.

**NOTE: A substitution will only be written in the System Answer File, if the value is filled in**

## Add/Modify Class

With this function you can add a new class, modify one and list where this class is used.

<b>Field</b>	<b>Description</b>
<b>Name</b>	This field is enabled, if this class was not provided by the system. Enter the unique name of the class (max. 8 characters). Use only alphanumeric characters as name. (A-Z, a-z and 0-9).
<b>Type</b>	This field is enabled, if this class was not provided by the system and it was not used. Select the Type of class. The Type defines what it is and on which main menu it will be managed. The following Types are available: Hardware Software Common
<b>Sub Type</b>	This field is enabled, if this class was not provided by the system and it was not used. Select the Sub Type of class. The Sub Type of class defines which form model is used, when you manage this class. The following Sub Types are available: Application, Adapter, Device, Common or Initial Software, Initial Application, TCP/IP, IPX, Netbeui, Decnet, Network, and OS. A Common Class is basically every item that doesn't fit in the other types.
<b>Description</b>	Enter the full description of the class.

<b>Tab</b>	<b>Description</b>
<b>Hardware</b>	This tab shows all Hardware types where this class is used.
<b>Software</b>	This tab shows all Software types where this class is used.



## Port Types

With this function you can list all defined port types and its usage, add a new, modify or remove one. A port type will be used by every adapter and device, which you define in the Configuration Database. A device will be connected to an adapter via a port type.

### Add/Modify Port Type

With this function you can add a new or modify the selected port type and you will see where this port type is used.

<i>Field</i>	<i>Description</i>
<i>Name</i>	Enter the unique name of the port type.
<i>Network Port</i>	Enable this field, if this is a network port type. Only network port types could be used for connection to other network ports.

<i>Tab</i>	<i>Description</i>
<i>Adapters</i>	This tab shows all adapters, which use this port type.
<i>Devices</i>	This tab shows all devices, which use this port type.

## Bus Types

With this function you can list all defined bus types and its usage, add a new, modify or remove one. Every adapter that you define in the Configuration Database will use a bus type. An adapter has a bus type to insert it on the Main Board.

### Add/Modify Bus Type

With this function you can add a new or modify the selected bus type and you will see where this bus type is used.

The screenshot shows a web-based configuration interface for 'Bus Types'. At the top right, the title 'Bus Types' is displayed. Below the title, there are two buttons: 'Save' and 'Cancel'. A text input field labeled 'Name' contains the text 'Adapter'. Below this, there are two tabs: 'General' and 'Adapters'. The 'Adapters' tab is selected, revealing a table with the following data:

Class	Name	Model
Ethercard	Prolan Ethernet adapter	PL-950
Ethercard	RealTek	REALTEK

At the bottom of the window, there is an 'Open' button and a 'Total' field showing the number '2'.

<i>Field</i>	<i>Description</i>
<i>Name</i>	Enter the unique name of the bus type.

<i>Tab</i>	<i>Description</i>
<i>Adapters</i>	This tab shows all adapters, which use this bus type.
<i>Machines</i>	This tab shows all machines, which use this bus type.

## Manufacturers

With this function, you can list the defined manufacturer brand names, add a new, modify and remove one. The manufacturer's brand name will be used by every component that you define in the Configuration Database. Each manufacturer will have a unique code retrieved from the Easy Manage Auditor.

### Add/Modify Manufacturer

With this function, you can add a new, modify and show a manufacturer brand name. You could see what kind of products this manufacturer has.

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique name of the manufacturer brand name.
<b>Code</b>	Enter the manufacturer code.

<i>Tab</i>	<i>Description</i>
<b>Hardware</b>	This tab shows all Hardware types of this manufacturer.
<b>Machines</b>	This tab shows all machine types of this manufacturer.
<b>Processors</b>	This tab shows all processor types of this manufacturer.
<b>Software</b>	This tab shows all Software of this manufacturer.

## Maintain System Parameters

With this function you can set the default options for the Database to use.

System Parameters

Save
 Cancel

General
Configuration Defaults
Configuration Fields
User Fields

**ICT Supplier**

**Enable use of Units**

Open **F**irst Profile

Open **L**ast Profile

Open **P**arameter File

**Created By**

**Modified By**

**Date of creation**

**Date of modification**

<i>Field</i>	<i>Description</i>
<b>ICT Supplier</b>	Select the company as your default ICT Supplier. This is the company that manages your ICT Infrastructure.
<b>Enable use of units</b>	Enable this field, when you want to use the Unit structure. When Units are created, you can not disable this field.
<b>Open First Profile button</b>	Click this button to show or modify the First Profile ( <b>FIRST.UAP</b> ). This file will be used by the workstation, to make the connections to the Easy Manage servers.
<b>Open First Profile button</b>	Click this button to show or modify the First Profile ( <b>FIRST.UAP</b> ). This file will be used by the workstation, to make the connections to the Easy Manage servers.
<b>Open Parameter file button</b>	Click this button to show or modify the Last Profile ( <b>PARAMS.DAT</b> ). The directives to the Easy Manage servers are defined in this file and will be used by all workstations.

## Configuration defaults

With this function, you can show and change the default values, when a configuration is added to the CMDB.

The screenshot shows the 'System Parameters' dialog box with the 'Configuration Defaults' tab selected. The fields and their values are as follows:

- Company Name:** Easy Manage
- WorkGroup:** ezmanage
- CI Number Prefix:** Demo
- Operating System:** Windows XP Sysprep
- Allow Non Registered Users:**
- User Switching Enabled:**
- Ask for Update:**
- Auto Logon:**
- Secure Workstation:**
- Installer Account:** installer
- Password:** \*\*\*\*\*
- Administrator Password:** \*\*\*\*\*
- Unattended User:** (empty)
- Unattended User Password:** (empty)

<b>Field/Button</b>	<b>Description</b>
<b>Company Name</b>	Enter the name of the company used as default for a new configuration.
<b>Workgroup</b>	Enter the workgroup as default for a new configuration.
<b>CI Number Prefix</b>	Enter the prefix to use for the creation of the CI number. This prefix will be used to create a CI Number for a new configuration.
<b>Operating system</b>	Select a defined operating system as default for a new configuration.
<b>Allow Non Registered Users</b>	Enable or disable this value as default in the Maintain Options function for a new configuration.
<b>User Switching Enabled</b>	Enable or disable this value as default in the Maintain Options function for a new configuration.
<b>Ask for Update</b>	Enable or disable this value as default in the Maintain Options function for a new configuration.
<b>Auto logon</b>	Enable or disable this value as default in the Maintain Options function for a new configuration.
<b>Secure Workstation</b>	Enable or disable this value as default in the Maintain Options function for a new configuration.
<b>Installer Account</b>	Enter the account of the user, which will run in the unattended mode to install all applications.
<b>Installer Password</b>	Enter the password of the Installer account. Be sure that this password is permanent and not has to be changed periodically.
<b>Local Administrator Password</b>	Enter the password of the Local Administrator on a workstation.
<b>Unattended User</b>	Enter the account of the user, which will run in the unattended mode, when Auto logon is

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enabled.

**Unattended User  
Password**      Enter the password of the unattended user account

---

## Configuration Fields

With this function, you can show and change the labels of extra fields in a configuration. The attribute type of a field is text.

The screenshot shows a software interface for configuring system parameters. At the top right, the title 'System Parameters' is displayed. Below the title, there are two buttons: 'Save' and 'Cancel'. The main area is divided into three tabs: 'General', 'Configuration Defaults', and 'Configuration Fields'. The 'Configuration Fields' tab is active, showing a table with 12 rows. Each row has a 'Field Name' column and a 'Label' column. The labels are 'Field 1' through 'Field 12'.

Field Name	Label
Field1	Field 1
Field2	Field 2
Field3	Field 3
Field4	Field 4
Field5	Field 5
Field6	Field 6
Field7	Field 7
Field8	Field 8
Field9	Field 9
Field10	Field 10
Field11	Field 11
Field12	Field 12

<i>Field</i>	<i>Description</i>
<b>Field1.. 6</b>	Enter the label for the user definable field. Only non-empty fields will be shown on the configuration form (Tab Invoice).
<b>Field7.. 12</b>	Enter the label for the user definable field. Only non-empty fields will be shown on the configuration form (Tab General).

## User Fields

With this function, you can show and change the labels of extra fields for a user. The attribute type of a field is text and Boolean (True/False).

The screenshot shows a software interface titled "System Parameters". At the top right, there is a blue header with the text "System Parameters". Below this, there are two yellow buttons: "Save" (with a floppy disk icon) and "Cancel" (with a circular arrow icon). Below the buttons are four tabs: "General", "Configuration Defaults", "Configuration Fields", and "User Fields". The "User Fields" tab is selected. The main area of the window is a light gray background containing a table with two columns: "Field Name" and "Label". There are four rows of data:

Field Name	Label
SField1	<input type="text"/>
SField2	<input type="text"/>
BField1	<input type="text"/>
BField2	<input type="text"/>

<i>Field</i>	<i>Description</i>
<b>Sfield1 and 2</b>	Enter the label for the user definable string field. Only non-empty fields will be shown in the user form (Tab General).
<b>Bfield1 and 2</b>	Enter the label for the user definable Boolean field. Only non-empty fields will be shown in the user form (Tab General).

## EZM Roles

With this function you can list all defined roles and its usage, add a new, modify or remove one. A role could be used to define permissions to assignees that could logon to the Easy Manage Admin Program. For each objects (Menu or submenu) you can give a permission List, Read, Update, Create and Delete access. You can assign Menus and Sub Menus to a role and you can assign assignees to a role.

### Add/Modify Role

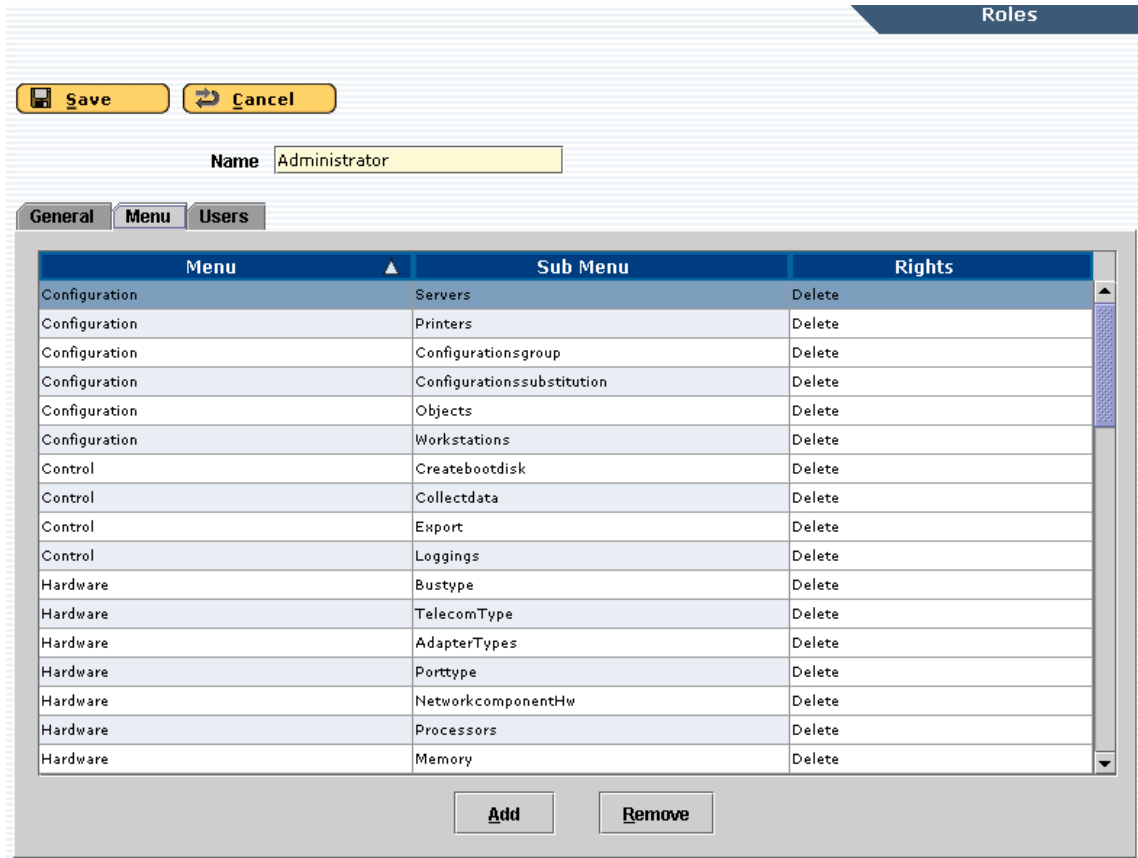
With this function you can add a new or modify the selected role and you will see where this role is used.

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique name of the role.
<b>Description</b>	Enter the description of the role.

<i>Tab</i>	<i>Description</i>
<b>Menu</b>	With this tab you can show, add or remove menus and change the permission. See the <b>Menu</b> function.
<b>Users</b>	With this tab you can show, add or remove users to this role.

## Menu

With this function, you can show, add, remove the sub menus and change the rights of a sub menu for this role.



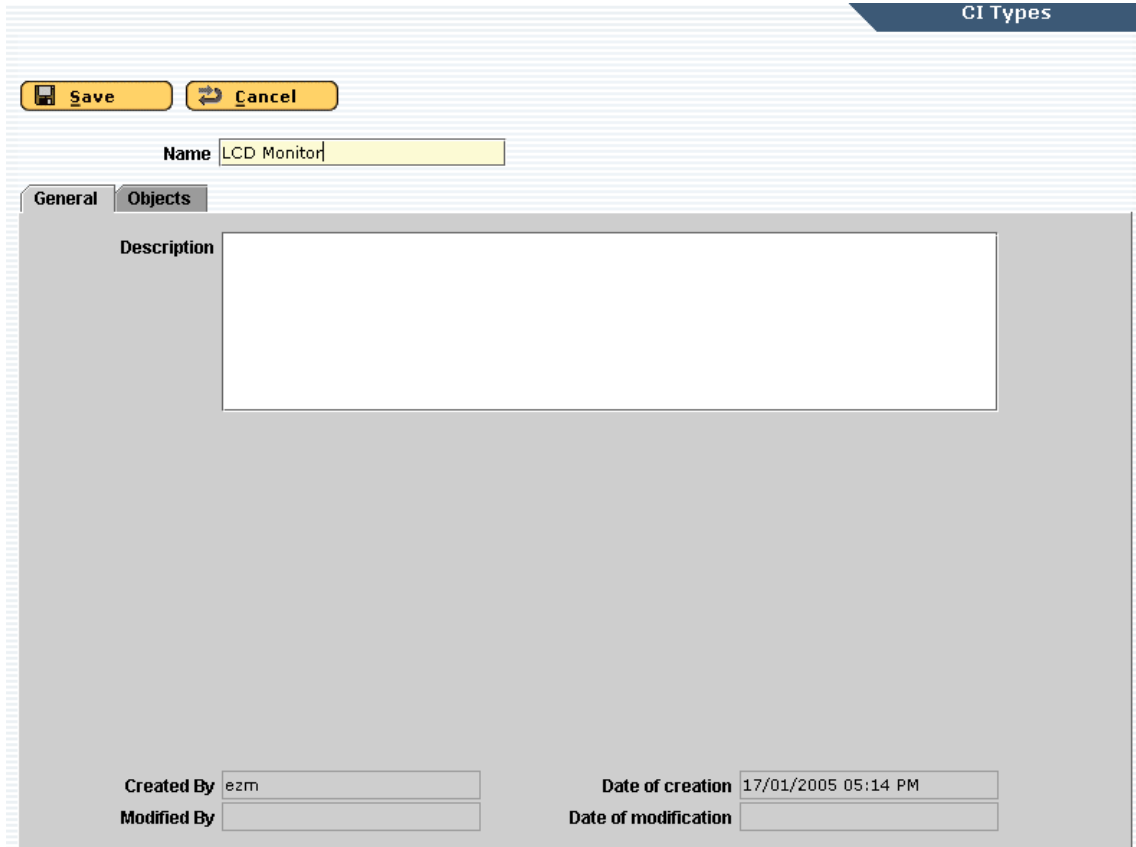
Field	Description
<b>Rights</b>	Select the right for this role on this sub menu. The values could be: Delete (+ Create + Update + Read + List) Create (+ Update + Read + List) Update (+ Read + List) Read (+ List) List

## CI types

With this function you can list all defined CI types, add a new, modify or remove one. A CI type is a definition for a configuration. A configuration is an object, which has a unique identifier and could contain one or more components. The system has pre-defined CI types and you can define your own CI types.

### Add/Modify CI types

With this function you can add a new or modify the selected CI type.



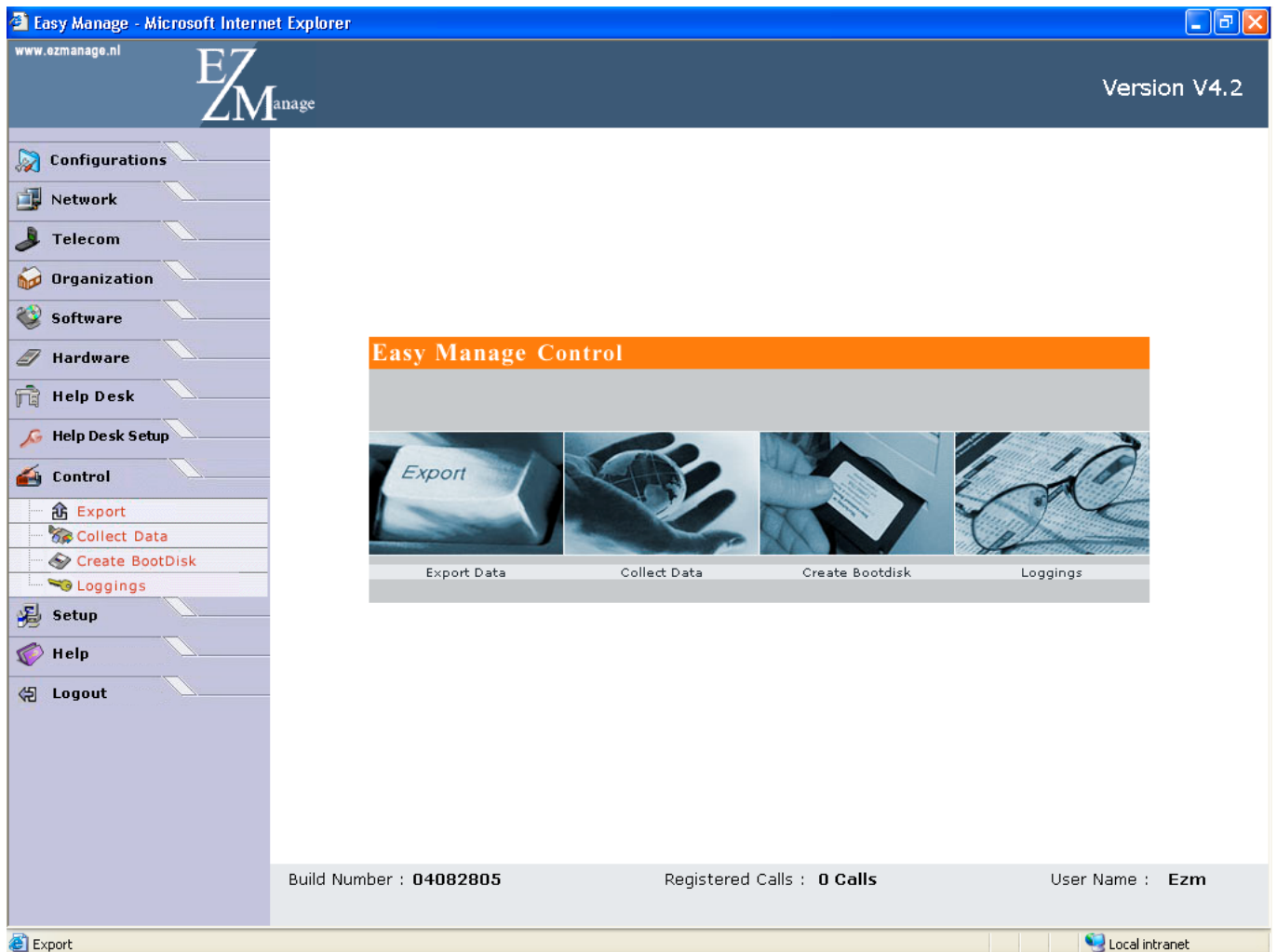
The screenshot shows a web-based form for adding or modifying CI types. The form is titled "CI Types" and includes a "Save" button and a "Cancel" button. The "Name" field is filled with "LCD Monitor". There are two tabs: "General" and "Objects". The "Description" field is empty. At the bottom, there are four fields: "Created By" (ezm), "Date of creation" (17/01/2005 05:14 PM), "Modified By" (empty), and "Date of modification" (empty).

<i>Field</i>	<i>Description</i>
<b>Name</b>	Enter the unique name of the CI type.
<b>Description</b>	Enter the description of the CI type.
<i>Tab</i>	<i>Description</i>
<b>Objects</b>	This Tab shows the CI's, that are used with this CI type.



## Control Menu

With the control Menu, you can execute some additional functions.



### Collect Data

With the Collect data function, you can collect data from the workstations and put it in the Database.

### Create Bootdisk

With this function you can create a bootdisk. It will start the Bootdisk Creation Wizard. See the Easy Manage Configuration Guide for further explanation.

## Export

With this function you can export the Easy Manage Configuration Database. The files will be created on the AgentDisk in the directory EXPORT. The following files will be created:

### User Export Files:

USER.TXT	Users
USUBS.TXT	Substitutions per user
UGROUPS.TXT	Groups where the user belongs
UAPPLIC.TXT	Allowed applications per user

### Configuration Export Files:

SERVERS.TXT	Servers
CONFIG.TXT	Workstations
PRINTERS.TXT	Printers
NETWORK.TXT	Network components
TELECOM.TXT	Telecom devices
CADAPTER.TXT	Adapters installed per configuration
CAPPLIC.TXT	Applications installed per configuration
CGAPPLIC.TXT	Applications installed per group
CDEVICE.TXT	Devices installed per configurations
CGROUPS.TXT	Groups where the configuration belongs
CINITAPP.TXT	Initial Software installed per configurations
CMEMORY.TXT	Memory installed per configuration
CSUBS.TXT	Substitutions per configuration
CMACHINE.TXT	Machine per configuration
COMPANY.TXT	Companies
CONNECTS.TXT	Connections
DEPARTMS.TXT	Departments
LOGGING.TXT	Loggings


The files have the following format:

- A comma separates each field in a record.
- Each file starts with record with the descriptions of the exported fields.
- The first key of a record in a User Export File starts with the User Ident.
- The first key of a record in a Configuration Export File starts with the Inventory Number of the configuration.

## Loggings

With this function you can list all logging made by the Easy Manage Admin Program. It will log the action when a component is add, changed or removed from a configuration. With this function you can delete all logging. Before it deletes all logging, you have the possibility to save the logging into a text file.

Loggings



TimeStamp ▲	Action	InvNumber	Class	Description
15/04/2004 8:16 PM	Changed	Demo6	Application	Windows 2000
15/04/2004 8:33 PM	Changed	Demo6	Device	2048 Mb disk
16/04/2004 11:51 AM	Added	Demo6	Application	Access
16/04/2004 11:51 AM	Added	Demo6	Application	Access
16/04/2004 11:51 AM	Removed	Demo6	Application	Access
16/04/2004 11:55 AM	Added	Demo6	Application	Directx
19/04/2004 8:32 PM	Removed	Donald	Workstation	Donald
19/04/2004 8:32 PM	Added	Demo15	Workstation	Owner : John Cain
19/04/2004 8:32 PM	Removed	Donald	Adapter	AMD 79C970
19/04/2004 8:32 PM	Removed	Donald	Application	Windows 2000
19/04/2004 9:35 PM	Added	Demo10	Workstation	Owner : ezm
19/04/2004 9:37 PM	Added	Demo13	Workstation	Owner : Anna Wolski
19/04/2004 9:37 PM	Added	Demo14	Workstation	Owner : Anna Wolski
19/04/2004 9:37 PM	Added	Demo15	Workstation	Owner : Anna Wolski
19/04/2004 9:38 PM	Added	Demo18	Workstation	Owner : Anna Wolski
19/04/2004 9:38 PM	Added	Demo16	Workstation	Owner : Anna Wolski
19/04/2004 9:38 PM	Added	Demo17	Workstation	Owner : Anna Wolski
19/04/2004 9:39 PM	Added	Demo7	Workstation	Owner : Anna Wolski
19/04/2004 9:39 PM	Added	Demo5	Workstation	Owner : Anna Wolski
19/04/2004 9:39 PM	Added	Demo6	Workstation	Owner : Anna Wolski