



Aagon Client Management Platform - Console -

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Table of contents

1. Client Management	5
1.1. Introduction	5
1.2. Login	5
1.3. First Steps	6
1.4. Console	6
1.5. Browse	8
1.6. ACK3 client profiles	9
1.7. Manage Reports	10
1.7.1. Introduction	10
1.7.2. Start screen	10
1.7.3. Add/Edit folder	11
1.7.4. Add/Edit report	11
1.7.5. Preview report	12
1.7.6. Import	13
1.7.7. Export	13
2. Platform	14
2.1. Client distribution	14
2.1.1. Force update of clients	14
2.1.2. Push clients	14
2.1.3. Uninstall clients	16
2.2. Managed Clients	16
2.2.1. Client tasks	16
2.2.1.1. Start conditions	17
2.2.2. Delete clients	18
2.2.3. Queues	18
2.2.4. Rescan clients	19
2.3. System	19

2.3.1. Active Update	20
2.3.1.1. Search on internet	20
2.3.1.2. Install single patch	21
2.3.2. Licenses	22
2.3.3. Settings	23
2.3.4. User management	23
2.3.4.1. Add/Edit User	25
2.3.4.1.1. User properties	25
2.3.4.1.2. Member of groups	25
2.3.4.1.3. Rights of user	25
2.3.4.2. Add/Edit Group	26
2.3.4.2.1. Group properties	26
2.3.4.2.2. Users in group	27
2.3.4.2.3. Rights of group	27
3. Query Management	29
3.1. Available Queries	29
3.2. Query Wizard	30
3.2.1. Select Fields to display	30
3.2.2. Select filters	32
3.2.2.1. Date/Time Filter	32
3.2.2.2. IP Filter	33
3.2.2.3. Number Filter	33
3.2.2.4. Memory Filter	33
3.2.2.5. String Filter	34
3.3. Grid	34
3.3.1. Results	35
3.3.2. Display	36
3.3.3. Filters	36
3.3.4. Show Details	37
Index	38

1. Client Management

1.1. Introduction

Aagon Client Management Platform

What is ACMP for?

Controlling company network with one simple console? A dream of every network administrator. Aagon brings the dream closer to reality. With the *Aagon Client Management Platform* we provide a console from which you can manage not only software and virus protection services but monitor and supervise the entire network.

Being a third party product, the system is independent on revisions. All the data can be exported and processed in many ways with the available company database management systems.

Structure

ACMP is a centre from which you control the entire network, a point of your IT-Environment management. The console provides several functionalities enabling lookup at each of the network clients. Apart from lookup, you are provided with tools to manipulate the system.

Solutions

You can upgrade the ACMP installing and licensing so called solutions. One of these enhancements is the *AVdetective* offering on line reporting about the state of the virus protection. Each client has its virus definitions controlled and can be provided with the newest vaccines when necessary.

How does the ACMP work?

With the login or in defined intervals, the *ACMP-Client Application* is executed to collect on line the necessary data for the ACMP-ServerService. The processed data are displayed on the console. New clients can have the Application installed from the console.

The system requirements

You need about 50 MB on the hard disk for the basic installation of the server and of the console. But you should calculate for more, especially when you want to control many clients. The installation of ACMP and MSDE requires 186 MB free disk space. If you also have to install the Internet Explorer 5.0 you need another 50 MB. The ACMP console can be installed under the following operating systems: Windows NT 4.0, Windows 2000 and Windows XP. The *ACMP-Client Application* works on all Windows-operating systems up 9x.


NOTE: If you want to administrate more than 50 Clients, you should connect ACMP to an existing MS SQL-Server. Other data-base-systems than MS SQL are not supported!

Start of the program



To start the ACMP-Console double-click on the program icon *ACMP Console*, added to your desktop during installation.

1.2. Login

This screen opens at each new start or after the  Logout icon from the program menu has been selected.

User

When the console is started for the first time the *Username* „Administrator“ is already logged in. Enter the *Password* you put in for your administrator during installation and confirm with *OK*.

The system will install a few programs after that and let you into the console ready for use.

Later you may use your *Username* and *Password* to log.

Server

If there are other ACMP servers installed you may connect to them by registering the server.

Enter the *Server* name or the IP address and the number of the *Port* used.







Check whether the *Username* and *Password* have been entered correctly and confirm with *OK*.

1.3. First Steps




In order to get data from clients in your network as fast as possible, proceed as follows:




First you have to get data from at least one of your network clients. You have two possibilities to scan your clients:

1. Standard Client

The standard client has to be installed on the clients in your network. Therefore you need the account of an Administrator or Power User having the right to install services on clients. Open under  *Platform*  *Client distribution* the program  *Push Clients*. Select one or more clients  and click the -icon. Enter under  *Use the following account information: Username* and *Password* of a user with the mentioned rights and confirm with *OK*. The service will now be installed on the selected computers. It will automatically start to scan for data and send them to the server.

2. OneScanClient

Go to the desired client computer and open the  Windows-Explorer there. Look for your ACMP server in  *My Network Places* and open the folder *OneScanClient* in the ACMP share. Start the  *OSCLnch.exe* with doubleclick to execute a singular scan.

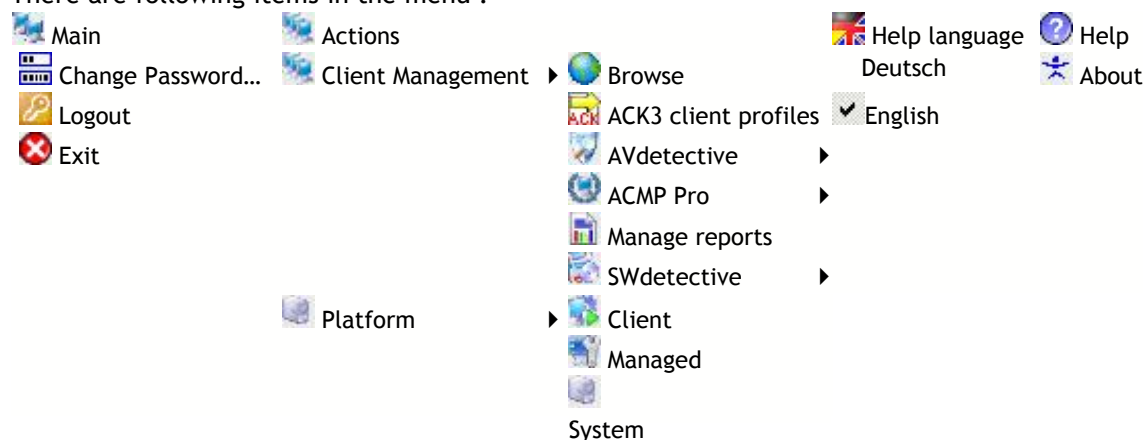
To display the data start the  *Browse* program in  *Client Management*. Click the *No queries selected* button and create a query with  *New Query*. Select the fields *Computer Domain* and *Computer Name* in the *New Query Wizard* window from the left folder under *Available fields \ Client \ Workstation* by bringing them into the right window with drag&drop or doubleclick. Click *Next*, in the following screen *Finish* and name your query in the end. As soon as you confirm with *OK* the query will be stored and executed.

The results will be displayed in the *Grid*.

1.4. Console

Menu

There are following items in the menu :



Main

You may change your password with *Change Password*.

Change Password

You need to authenticate with your 'Old password' first.
Type the new password and confirm it retyping to avoid spelling mistakes.

Logout will open the Login-window again. You can login to a new server here or stay on the same server and change the user.

Actions

Here you can go either to *Client Management* or to *Platform* group. You can also run these programs from the Program-tree.

Language

Here you can switch between german and english help.

Help

Opens help while *About* informs about the ACMP console.

About

The current version of 'ACMP SYSTEM Console' is displayed, a link to Aagon Homepage and a list of all installed solutions with the version numbers.

Quickinfo

In some programs you can additionally call short instructions with F3.


Icons




Click to show all the programs which have not been marked as hidden.
Show only non hidden



Show everything including the hidden elements.
Show all

With a click on the  icon can make the ACMP banner smaller and receive more place for your outputs.

With a click on the  icon the banner is increased again.

Context menu

To simplify navigation you may use the context menu in program tree which allows you hide programs or groups from the view.

Right click the mouse on the selected line and chose *Hide* on the context menu.



The program will disappear from the view.



Click on the  icon to see it again.



Right click it and selecting *Show* and it will return to the program tree.

In addition you can *collapse* or *expand* the full program tree.

Window

The left window shows all programs in the program tree, which have been included in the *ACMP Console*. The right window lets you select the main programs. New procedures appear along the progress on the tree path:

Client Management



Browse

Browse for selected clients



ACK3 client profiles

Generate ACK3 Profiles from collected data



AVdetective

AV - solutions in your company



Containers

Group clients in containers



Individual fields

Receive manually inputted data from clients



Manage reports

Manage all your reports



SWdetective

Manage your software

Platform



Client distribution

Install/uninstall ACMP-clients



Managed Clients


Installed ACMP-client applications



System

System configuration

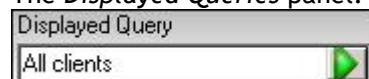
Some of the options may prove inactive. This means that solutions conditioning their use have not been installed. Once a specific option is selected, the system will release a number of tools and settings to manipulate them while the left panel will expand all the branches related to the selected line.


Still, you may browse through entire tree by using only  icon in the left panel. Main menu bar or predefined switch groups make another navigator.

1.5. Browse

Here the data collected on the client stations show. Use the Query function to get the report.

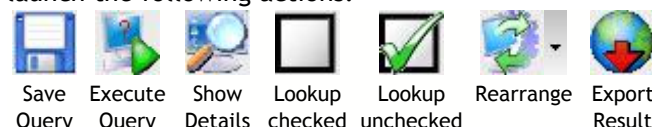
The *Displayed Queries* panel:



shows Available queries screen after the  icon is clicked. Once the query is selected and executed the name will be displayed in the entry field. The results are shown in the grid underneath.

The Icons

launch the following actions:



These icons are activated only after the query has been executed. Prior to execution they are all grey and the grid is empty. The system remains you:



No query selected
Please select or create a new one


Click on the pushbutton to get to the Available queries panel, where new queries may be defined or those defined executed.

Read the Query Management chapter to learn about the full spectrum of querying and filtering capabilities.


1.6. ACK3 client profiles

If you want to have ACK Client Profiles of any client in your network for later rollout, use this program to create them. To obtain this you first need to retrieve the relevant data by executing the appropriate query. Read [Query Management](#) to learn how to define and execute queries. Once the query is executed the grid shows the results. If there are none, redefine the query. Keep in mind that at least one ACK3 Master Server with Rollout Server must be plugged in the network.

When the results are there, you may select the client machines from the grid. Just mark the ☒ boxes in the rows showing the computers you want to include. When all desired clients are marked

click on the *Generate Client Profiles* icon .

Five new panels show, use *Next* to navigate through them.

1. *Select ACK3 Master:* First you must select the ACK3 Master Server, marking the  button at the server of interest.



2. *Select Rolloutserver:* Do the same assigning the Rollout Server.

3. *Select Template:* Here all the templates are available of which one must be chosen.

Please pay attention to the following:

Because the Product ID of the operating system is not stored and therefore cannot be read out from client stations, you should select a Template, which features the desired operating system, its ProductID and at the best the appropriate ServicePack. All further settings can be read out from the Client station and included in the Client Profile you are defining. Above all, if you still want to install software on this computer, you must create a suitable *Software Queue* with ACK and merge it afterwards into the Client Profile.

4. *Select Names:* Specify the name of the selected workstations here. You can overwrite the old name with a new one when necessary. If the names coincide the system will generate warning which may show no earlier than when the *Next* button is pressed. You must change the conflicting names of the labeled workstations.

5. *Select target folder:* Determine the directory where the Client Profiles shall be stored on the Rollout Server. Expand the directory tree clicking on the  icon and click the  radiobutton before opening the desired directory.

Execute will create the Client Profiles using the chosen Template and store them in the target folders.

1.7. Manage Reports

1.7.1. Introduction

This program enlarges functionalities of the system and shall be installed with *Active Update*. It requires an additional licence to run.

It makes a report generating tool. You can prepare any report, modify the existing one, print the results. Defined reports can be stored, categorized and sorted.

After the installation you find the program in the *Client Management*. Simply click on the pushbutton, which is newly added now.



[Manage Reports](#)

Manage all your reports

1.7.2. Start screen

Toolbar

Icons and description:



Refresh



Add folder



Edit folder



Add report



Edit report



Delete entry



Preview report



Print report



Import








Export



Make public

List

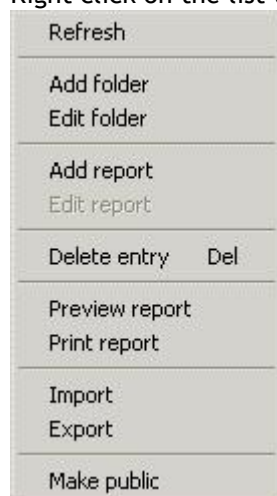
The list shows *Name* and *Description* columns in a folder tree structure. Depending on the number of installed solutions the tree contains  folders with base reports you can use to learn the system functionality. These folders are delete protected. Click on  and  to expand and collapse the list attached to the folders. Other folders are marked with  icon, the reports in the folders with the  icon.

Legend

With F3 you get a panel defining the list iconography and a short instruction, how to use the program.

Context menu

Right click on the list to get the context menu providing the following functions:




The menu is self explanatory.

To [add](#) a report select the folder in which you want to create the report.

Note: Deletion of a folder removes all the reports contained.

Use [Preview report](#) to see how the report looks. To print the report select it in the folder and then chose *Print report* form the menu. You will get the printing dialog box to specify the printout job. You can [Import](#) the reports which previously went for [Export](#) even if you deleted them from ACMP. You may want to [Export](#) some inactive reports to tidy the report folder but preserving the reports for later use.

Make public

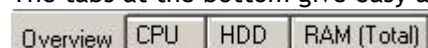
The reports and folders belong to the author. To publish them use *Make public* option on the selected items. The public items will be marked with  icon and are available to everybody enjoying adequate access rights. New reports included in a public folder are public by default.

Shifting and copying

To shift a report into another folder, mark it keep the right mouse button pressed and pull it simply into the desired folder. If you press and keep pressed the Alt key before marking, you can copy any report into other folders in the same way.

Register

The tabs at the bottom give easy access to the necessary information.



The reports currently under preview are marked with bold typeface.

1.7.3. Add/Edit folder

Add folder

The folder is being added to the folder under selection. If you want to add a folder to the root directory you first have to click on *ROOT*. Name the folder in the *Title* field and describe it under *Description*.

Edit folder

Only *Title* and *Description* fields are being modified.

1.7.4. Add/Edit report

General information

Name the report under *Reportname* and provide *Description*. Modify the data in the same way.

If you are creating a new report *Next* will send you to the *Select a data source for the report* when you are modifying an existing one this will be *Select display fields* window.

Select a data source for the report

Note: This screen shows only when a new report is being created!

You may either use an existing data source or create a new one.

Create a new query

Click *Next* to get to *Select display fields*.

Use an existing query

The *Finish* button gets activated whereby you get access to the queries already defined. Click on a query to select it.

Using an existing query remember that too many fields in display make the data difficult to read and interpret.


Finish sends you to the *Report Designer*.


Select display fields

Functionality is similar to the *Select Fields to display* in query creation.

Drag the fields you want include in the report to the right panel. You can add and remove fields when modifying the report.


The sort switch gets the following values:

, not sorted.

, sort increasing.

, sort decreasing.

Only one value applies.

Activate the check box  Raw, if you want to get the data in raw form, as they are stored in the data base. If you intend for example to compare in the report capacities from hard disks or memory modules to sum them up or to set them in relation, then the values are always handed over in KB and can be comfortably used for these purposes. In order to format the output of the report there is the function *HumanMemory*. It was particularly created to convert storage capacities in such a way that they are easily readable. To use this function, doubleclick **in the Report designer** on the desired variable for example [*vDisplay->Display Memory*] and enter the following: [*HumanMemory([vDisplay->Display Memory])*]. Pay attention to the fact that the brackets are set correctly.

Creating a new query remember that too many fields in display make the data difficult to read and interpret.

Next sends you to *Filter* window.



Filter

Functionality is similar to the *Select filters* in query creation.

You can define any filters with expressible conditions, e.g. you can filter all workstations having less than 128MB RAM.

Next sends you to *Rearrange*.

Rearrange

If there are many multivalue fields  in your query clicking the corresponding radio button  will allow you to change the output sort. The default is *Clients*. Just select the desired group now. The report will be automatically resorted and displayed for example by *Devices*. Appropriate redundancies you must accept thereby however.

Finish sends you to the *Report designer*.

Report designer

Report designer controls the layout of the report. You set the paper size, visible fields, extra pictures etc..

Important note: Edit-mode only adds or removes fields from the report. All other changes should be made in the *Report Designer*. Addition or removal of fields will not automatically update the report layout.

The *Report Designer* makes a separate module containing its own help that is only available in English.

Report close options

Closing the *Report designer* you will get access to a new screen where the following options can be chosen:

- ☒ *Save report* saves the report and exits program.
- ☐ *Don't save report*.
- ☐ *Edit data fields of report* invokes the program with the *Select display fields* screen.

1.7.5. Preview report

Toolbar



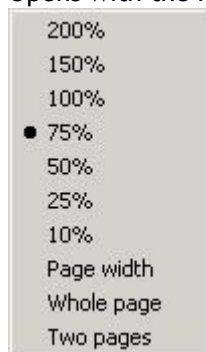
Save as HTML Zoom to 100% Whole page Fit to page width First Previous Next Last Print Close

Save as HTML: Opens a dialog to save reports in HTML format. You can look at these reports afterwards with your browser.


The other icons are self-explanatory.

Context menu

Opens with the mouse right click. You can control the display layout of the report here.



1.7.6. Import

Select the target folder where the data are to be imported and then click on *Import*  icon. System generates warning if no target folder has been selected.

A dialog screen will ask for the file path to the previously exported reports. The file name extension for the reports is *.rex*. Press *Open* when the appropriate report has been selected.


Notes:

If there are many reports in the file being imported, they will all go to the target folder. Executing imported reports will automatically update them. Therefore you cannot use imported reports to compare historic data with the present ones.

1.7.7. Export

Select a report or entire folder for export.

If you select a folder tree branch, only the reports in the branch will be exported.

Click on  *Export* to get a standard dialog screen where you can name the target file. The reports will be stored in a *.rex* extension file.

2. Platform



Client distribution

Install/uninstall ACMP-clients



Managed Clients

Installed ACMP-client applications



System

System configuration

2.1. Client distribution



Force update of clients

Update the clients to the latest version



Push clients

Push ACMP-clients to network computers



Uninstall clients

Uninstall ACMP-client application on client

Click *Push clients* to install the *ACMP-Client Application* on the remote workstations.

Click *Uninstall clients* to uninstall *ACMP-Client Application* from the selected workstations.


Force update of clients will invoke automatic update of *ACMP-Client Application* on the clients.

2.1.1. Force update of clients

If you have downloaded new versions of the *ACMP-Client Application* with Active Update using this program you can force these updates on your clients.

To begin with you must execute the appropriate query. Learn in Query Management how to prepare and execute queries. Once the query has been executed the results are in the grid. If the grid is empty rerun the query with altered settings.

If the query has been successful, mark the relevant client stations in the grid checking ☐ box in the appropriate row(☒).

Once all the clients are selected click on  (*Force Update On Client*) icon.

If no stations have actually been selected the system will generate a warning.

Force Client Update window shows.

Execute starts update. The system will notify about elements necessary to install on the client station to complete the process successfully.

2.1.2. Push clients

Toolbar

Icons and meaning:



Refresh




Push ACMP Client to
selected computers





Push ACMP Client to
specific computer


List

The list consists of the columns *Network Nodes*, *Last Seen*, *Network Message* and *Last Error*. m

Beneath you get access to  *Microsoft Windows Network LAN*, which is shown in a tree view. All

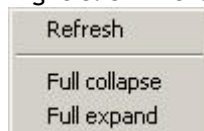
domains are marked with  icon. Expand the domain with  to get the list of the workstations.

Click on ☐ to mark ☒ a single station or a group or entire network. Unselected items will be marked

with: . Apart from this, clients where the service already is installed are marked with the same icon.

Context menu




Right click in the list item to open the context menu:




Here you can *Refresh* the screen and *collapse* or *expand* the tree of domains and workgroups.

Push Clients

- **Push ACMP Client to selected computers**

To install the client service on more than one client select the desired clients or domains by checking boxes next to the client name and clicking the  icon. Specify the Installation Account in the window that opens. The default is  *Use default installation account*. If that's insufficient to install the service on all of the selected clients activate  *Use the following account information* and enter *Username* and *Password* of a User with appropriate installation rights.

- **Push ACMP Client to specific computer**

Click on the  icon to install the service on a single client. The window that opens prompts you to enter the *Network Name* of the client with the *Installation Account*. If you selected the client before with a mouseclick, the name will be already be entered by the program.



OK will launch the installation.

Legend



The right panel contains the Legend explaining the icons.

ACMP offers two further possibilities, in order to get data from your computers:

1. Standard Client

You can install the standard client service over the network. Start in addition on the client for example the *Explorer* and go over  *My Network Places*, *Entire Network*, *Microsoft Windows Network*, *Domain/Workgroup* to your *ACMP Server*. Open there the folder `\\ACMP_Server\\ACMP\\Client`, which is shared automatically with the installation, and run the program  *Launcher.exe*. After a short time the program is installed and the service started. You also can integrate the instruction `\\ACMP_Server\\ACMP\\Client\\Launcher.exe` into the *Login Script* of your clients and run it there, if the service is not yet installed. Pay attention always to indicate the *UNC path* because otherwise the installation cannot be implemented correctly.

2. OneScanClient

Go to the desired computer and open  *My Network Places* with doubleclick. Go over *Entire Network*, *Microsoft Windows Network*, *Domain/Workgroup* to your *ACMP Server*. Open there the folder `\\ACMP_Server\\ACMP\\OneScanClient` and start the  *OSCLnch.exe* by doubleclick. The computer data will be read once and send to the server. You can automate this by running the OneScanClient in the autostart of the computer or within the Login Script. If you use the parameter */silent* the OneScanClient will be executed invisibly for the user.

Example Login-Script:


; Executing the ACMP OneScanClient



Run "`\\ACMP_Server\\acmp\\OneScanClient\\OSCLnch.exe /silent`"

2.1.3. Uninstall clients

To begin with you must execute the appropriate query. Learn in [Query Management](#) how to prepare and execute queries. Once the query has been executed the results are in the grid. If the grid is empty rerun the query with altered settings.

If the query has been successful, mark the relevant client stations in the grid checking ☐ box in the appropriate row(☒).

Click the  (*Uninstall Clients*) icon to delete all stations in the view. If no stations have actually been selected the system will generate a warning.

Uninstall Client Application window will open. You may remove the data about the deleted client or leave them untouched manipulating radio buttons ... and *delete collected data*, ... *but leave collected data untouched*.

Note: Only the ACMP client service is uninstalled. All the data will remain in the database. If you want to install the client service again on the same client you have to delete the client data from the database. Use the [Delete clients](#) tool to purge the data. After that the client service can be reinstalled without any problems.

Execute starts the uninstallation process.

2.2. Managed Clients

Client settings are managed here.

More information after clicking on:



[Client tasks](#)

Tasks for clients



[Delete Clients](#)

Delete managed clients from database



[Queues](#)

Commands waiting in queue



[Rescan clients](#)

Rescan multiple clients

2.2.1. Client tasks

Here you define whether and how often your clients will be scanned.

Toolbar



Save

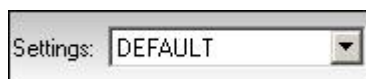


Add




Delete



template template





List affected containers

List

The list shows *Task name* and *Start condition* columns. With a click on the  in front of each task description and priority are shown. Only *Start conditions* can be modified.

The *Client Tasks* and *Maintenance* fields can be expanded and collapsed with  and .

The number of the tasks specified depends on the number of solutions installed. The standard installation includes the *Computer Scanner*, which scans the client stations for hardware.

Every active task is marked with  icon, while  icon indicates that the task is plugged off. Double click the task to change the [Start conditions](#). If you are ready, you should store the settings with *Save*.

Containers

If you installed the solution *Containers* the following additional functions are available:

With Add template the window **Add new template** opens. Now simply enter the name for your new template under *Template name* and confirm with *Next*. Then select from the combo box the desired *Source template*. The name of your new template now is added to the combo box *Settings* and the program automatically transfers the settings of the current template to the new template where you can change it according to your desires.

With Delete template the template which you selected will be deleted. With List affected containers a window opens, in which all containers are indicated, to which the *Client tasks* from the combo box *Settings* are assigned.

In the combo box Settings first you will find only the *Default* template **which cannot be deleted**. But you can edit and change the scanner settings. The settings of this template apply to all clients to which over *Containers* no other template was assigned.

As soon as you create a new template, you can select this in the combo box *Settings* for editing or deleting (*Delete template*).

2.2.1.1. Start conditions

Start conditions

Check the *Enabled* ☒ box to plug the scanner in.

Time the scanner runs can be defined by a number of buttons. These are:

- ☐ *Day of month*
- ☐ *Day of week*
- ☐ *Login*
- ☐ *Specific date*
- ☐ *Specific time*
- ☒ *Start interval*
- ☐ *Startup*
- ☐ *Time frame*

Next sends you to the according option group.

Day of month

Specify the days of the month when the scanner is launched.

Additionally the following options can be set:

- ☒ *Login*
- ☐ *Specific time*
- ☐ *Start interval*
- ☐ *Startup and*
- ☐ *Time frame.*

Day of week

By checking ☒ box here you can set the day of the week when the scanner is launched.



Additionally the following options can be set:

- ☒ *Login*
- ☐ *Specific time*
- ☐ *Start interval*
- ☐ *Startup and*
- ☐ *Time frame.*

Login

The scanner will be started with each system login.

Specific date

Use the  and  buttons to specify the date of launch.



Additionally the following options can be set:

- ☒ Login
- ☐ Specific time
- ☐ Start interval
- ☐ Startup and
- ☐ Time frame.

Specific time

Define hour and minute of the scanner launch at *Start time* __:__:__.

Start interval

Start every __ defines time intervals *minutes, hours or days*

Startup

☐ *Run once* box decides whether the scanner runs once or each time the application is launched.

Time frame

Enter under *Allow scan from* __:__:__ to __:__:__ two times in hours and minutes, between which the scanner shall be executed once.


Back backs you to *Start conditions* form.

Finish updates the settings and the scanner is ready to use according to them.

2.2.2. Delete clients

Here you can delete the client stations with all data. To begin with you must execute the appropriate query. How to prepare and execute queries you can learn in [Query Management](#). Once the query has been executed the results are shown in the grid. If the grid is empty rerun the query with altered settings.

If the query has been successful, mark the relevant client stations in the grid marking ☐ field in the appropriate row(☒).

Click the  (*Delete Managed Clients*) icon to delete all stations in the view. The system will answer with remainder: *This will not uninstall the ACMP client application. Cancel* closes the window. *Execute* opens another window where you have to confirm with *Yes* to delete the clients and to refresh the display.

If no clients have actually been selected the system will generate warning.

2.2.3. Queues


The list contains commands which have not yet been executed on the client stations. You can wait till they are executed or delete them from the queue.

Toolbar



Refresh Delete


Refresh the list to see if the commands have been executed or new added.

Click on *Delete* to delete the entries from *Collections* previously checked in ☒ boxes. You complete the operation with  button.

Window

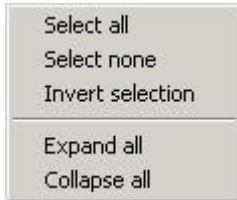
There are two tab sheets *Collections* and *Clients*.

Collections

In the column *Collection* all actions are listed. Behind it in brackets is indicated about how many actions there are. If you open the actions with a click on the -Icon, you see all clients belonging

to that action. In the columns *Status* and *Waiting since* you can read, in which condition the action is and when - with date and time - it was started.


With a click on the right mouse button a context menu opens, which simplifies the handling of the Collections:



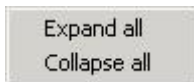
As soon as the last action is processed the *Collection* automatically will be deleted.

Clients

In the column *Computer name* all clients are listed for which actions have been started. Behind it in brackets is indicated about how many actions there are.

If you open the clients with a click on the -Icon, you see all actions belonging to that client. In the columns *Status* and *Waiting since* you can read, in which condition the action is and when - with date and time - it was started.


With a click on the right mouse button a context menu opens, which simplifies the handling of the clients:



2.2.4. Rescan clients

Here you can start selected scanners on all desired clients independent from the adjusted *Scanner Settings*. To begin with you must execute the appropriate query. How to prepare and execute queries you can learn in [Query Management](#). Once the query has been executed the results are shown in the grid. If the grid is empty rerun the query with altered settings.

If the query has been successful, mark the relevant client stations in the grid marking ☐ field in the appropriate row(☒).

Click the  (*Rescan clients*) icon to scan the selected clients. If no stations have actually been selected the system will generate warning.

The *Select client tasks* window opens. Here you can choose single scanners by activating the appropriate checkboxes ☒ and confirming with *Finish*.

2.3. System

All the settings of the *ACMP Console* are arranged here.

Click simply on the Link to learn more about the program:



[Active Update](#)

Update Server



[Licenses](#)

License Management



[Settings](#)

Settings, affecting the ACMP-environment



[User Management](#)

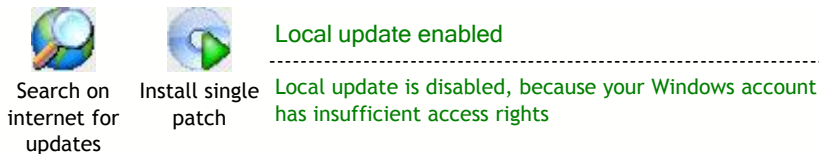
User Management

2.3.1. Active Update

This program will install updates and new modules to the *ACMP Console*.

Icons

You can use one of the two options on the toolbar:



Find the newest updates on the Aagon server with [Search on internet for updates](#).

[Install single patch](#) gets the updates from the CD or local or LAN disk folder.

Dialog boxes will lead you through the process.

Local update enabled: This note always appears, when the ACMP-Console is started on the computer, where the server service also is installed. It means that during an update the connection is made not by means of TCP/IP but directly by the file system of the computer. The advantage is in fact that updates can so be executed much faster and without load in the network.

Local update is disabled: This note always appears, when the ACMP-Console is started on the computer, where the server service also is installed; but you don't have enough rights for a local update. You can either login as a user with enough rights or use the update connection over TCP/IP.

List

Here is indicated which *Solutions* are already installed.

2.3.1.1. Search on internet

Update Configuration

Server: Define the remote server where the updates are stored. At the time it is: **acmpupdate.aagon.com**.

Customer ID: These inputs

Password: remain empty.

If you use a proxy server for the internet connection go through *Advanced* settings.

Advanced Connection Settings

Check the *Use Proxy Server* box and define the *Proxy server* and *Proxy HTTP port* parameters.

If the authentication is required check the relevant box and type *Username* and *Password*.

Both *OK* and *Cancel* send you to *Update Configuration*.

Test will check whether communication to **acmpupdate.aagon.com** is open and working.

Once the test succeeds the *Next* button will activate and let you search the location for new patches.

Search for available patches

The system looks for the newest patches automatically and reports this in two lists:

- **Updates for installed solutions**

This list consists of the columns *Solution*, *Version installed* and *Version on update server*. Among this you see a tree consisting of two branches:

Solution independent updates: Here all updates are indicated which pertain to the ACMP system independent from the installed solutions.

Solution dependent updates: Here all updates are indicated which were found in conjunction with the installed solutions.

Provided that the version number on the update server is higher than that one of the installed version, this is in addition shown by rows highlighted blue. These updates have to be installed in any case.

- **New available solutions**

Here you find other solutions in the columns *Solution* and *Version on update server* which can be

installed optionally. You only have to activate the checkbox ☐ in front of the desired solution ☒. With a click on the *Next* button the transfer to your computer starts.

Download patches

The program now automatically loads down all updates and selected solutions via the Internet from the update server on your computer and displays this process on the screen.

The individual packages are in the column *Solution*. You can pursue the progress in the *progress* column. As soon as a package is downloaded, it is marked with an ☒. After completion of all downloads the *Install patch* screen automatically opens.

Install patch

During the installation you see an animation.

Update finished

This screen announces information about the further procedure. With *Finish* you exit the program. The *ACMP console* is now automatically restarted and the updates are finally integrated.

2.3.1.2. Install single patch

Select file to install

The *Select update pack* button opens a standard dialog. Here you easily can look for updates on an ACMP-CD in the *Solutions* folder or within your own file system. Find the *UpdPack.zip* file, select it and confirm with *Open*. The available patches are shown in two lists:

- *Updates for installed solutions*

This list consists of the columns *Solution*, *Version installed* and *Version in update pack*. Among this you see a tree consisting of two branches:

Solution independent updates: Here all updates are indicated which pertain to the ACMP system independent from the installed solutions.

Solution dependent updates: Here all updates are indicated which were found in conjunction with the installed solutions.

Provided that the version number on the update server is higher than that one of the installed version, this is in addition shown by rows highlighted blue. These updates have to be installed in any case.

- *New available solutions*

Here you find other solutions in the columns *Solution* and *Version in update pack* which can be installed optionally. You only have to activate the checkbox ☐ in front of the desired solution ☒.

With a click on the *Next* button the preparation of the installation begins.

Prepare package

During the preparation you see an animation.

Install update pack

The same applies to the installation.

Update finished

This screen announces information about the further procedure. With *Finish* you exit the program. The *ACMP console* is now automatically restarted and the updates are finally integrated.

2.3.2. Licenses

Each program integrated in the Console requires a separate license. *ACMP-System* carries a million client licenses, but each extra module installed need the attached license validation.

Toolbars

Icons and function:



Refresh the screen.

Refresh




Add new license.

Add License

List

The list on the screen shows three columns.

Once you expand a detailed view of the license clicking on the  icon the following data about the licenses become available:


Added: date the license added.

No Of Licenses: number of licenses, (total displayed at the bottom line).

License ID: identifies the license.

There are two kinds of licenses:

1. *Evaluation Keys:* These are not additive to other Evaluation Keys. *License ID* shows 'EVAL'.
2. *License Keys:* These Licenses are additive. *License ID* shows GUID.

You enter a new license clicking at . A *License data* screen shows: prompting you to type the license key. You obtain the key by e-mail or text file. Better use Copy-Paste when copying the key from e-mail message. Right click to obtain the context menu:



and paste the key.

Selecting *Load from file* you get a file browse screen to build the path to the key file. Open the file to have the key added. *Check* will show details of the license.

When the key is correct the following box shows:



Incorrect or repeated key insertion will generate an error message. *OK* will generate the license ID number and updates the list.

Note: Whenever new licenses are required, you must obtain the key and add as described. The bottom line will show the total number of licenses.

2.3.3. Settings

Here you can set a tasks' timetable in order to control the network traffic generated by the system.

Toolbar



Refresh Save

Use *Refresh* to see the latest changes. *Save* modifies the settings. The system generates warning if the changes entered are not saved.

Window

is divided into tab sheets *Client Installation*, *Server Settings* and *Limit Connections*.

Client Installation

To install the *ACMP-Client* on the workstations whose users are not authorized to install and modify the programs you should define a Client User who is authorized to alterations.

UserName: name of the authorized user..

Password: ... his password.

If the checkbox ☐ *Check rights for this user in target machine* has been checked, the user rights will be verified on the remote computer.

Server Settings

This defines the scanning timetable to control the excessive network traffic.

Scan network every: Scans the network for the workstations specified in the *Push clients* at expiration of the indicated hours.

Generate value directory: Updates the values list at expiration of the indicated minutes proposed to selection when you are using *Values* button when defining filter criteria for queries in [Select Filters](#).

Retry client command: Time after which the command on the remote computer is re-executed after failure.

Search new queue items: Time in minutes after which the command list for the clients is read again.

Chunked package size: Specifies the size of the packages in KB, which move for example between Clients and Server.

Limit Connections

Here you can limit the simultaneous access to the data base and the server. Simply enter in the appropriate input fields the desired number.

2.3.4. User management

Here you can create users and user groups for ACMP, administrate them, give them rights or take the rights away.

List

The list consists of the columns *Name* and *Description*. Here you find the two directories ☐-All users and ☐-All groups with users and groups. If you open a user with a click on ☐ you see the groups he belongs to; if you open a group with a click on ☐ you see the users belonging to it.

If you start the program for the first time there is one user named **ADMINISTRATOR** and one group named *Full access*.

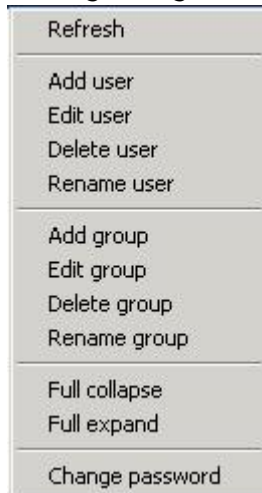
This administrator is the *Built-in Administrator*, which cannot be deleted. But you can edit this administrator and change e.g. password or user name. The administrator is firmly assigned to the group *Full access*.

The group *Full access* has all rights in ACMP without any exception. It is firmly assigned to the **ADMINISTRATOR** and cannot be deleted.

If a different user than the **ADMINISTRATOR** is logged in he will be marked as follows: **MANAGER**. A logged in user cannot be edited or deleted.

Context menu

Clicking the right mouse button in the list opens the following menu:



The menu items *Refresh*, *Add user*, *Add group*, *Full collapse* and *Full expand* are always available.

All other menu items become activated when you select a user or a group with a mouseclick.

Unavailable menu items are shown in grey color.

Refresh will update the data on the screen - useful when many users work with the program simultaneously.

With *Change name of user or group* you can change the *Name* of a user or group directly in the list.

With *Add user* you create a new user. If you have selected a user from the list before in addition the menu items *Edit user* and *Delete User* are available.

Delete User will raise a warning message. Confirming with *Yes* will delete this user. At the same time the user is deleted from all groups he belonged to.

In addition you can use *Delete User* to delete a user from a group he belongs to. The user will keep existing but will no longer belong to that group.

With *Change password* the following window opens:



Enter the *New password*, *Confirm password* and click *OK* to change the password of the selected user.

With *Add group* you create a new group. If you have selected a group from the list before in addition the menu items *Edit group* and *Delete Group* are available.

Delete Group will raise a warning message. Confirming with *Yes* will delete the selected group. At the same time all users belonging to that group will be released.

In addition you can use *Delete Group* to delete groups which are assigned to a user. The group will keep existing but the user will no longer belong to that group.

Icons

Icons and meaning:



The inactive options are shown in grey.

2.3.4.1. Add/Edit User

2.3.4.1.1 User properties

This screen consists of four input areas:

New user

Username: Enter the user ID.
Fullname: Enter his full name or a description if you wish to.
Password: Put in the user's password ...
Confirm password: ... and confirm it.

If you forgot to enter the user name an according warning appears.

Edit user

Edit a user by simply overwriting the existing inputs.

Next opens the next screen and with *Cancel* you return to *User management*.

2.3.4.1.2 Member of groups

Here you find a list which shows all groups by *Groupname* and *Description*.

New user

When you create a new user he is still not assigned to any group. To do this you only have to activate the checkbox ☒ in front of the desired group or groups. The user will be assigned to that group and will inherit all its rights.

Edit user

If you edit a user all groups he belongs to are signed with the ☒ checkbox and all others with the ☐ checkbox. By activating or deactivating the corresponding checkboxes you assign or release a user to a group.




Back opens the previous screen, *Next* the next screen and *Cancel* returns you to *User management*.

2.3.4.1.3 Rights of user


Visibility

This screen consists of two windows. In the left window you see the column *Visibility* with the program tree as you know it from the ACMP console. Which programs are shown depends on the solutions already installed.

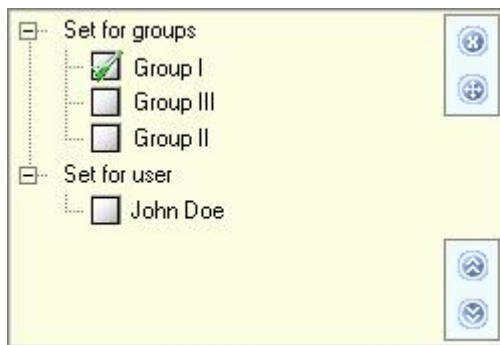
In this window you define which programs are visible to the user and which not. This means: The user can only use programs which are activated for him. All other programs remain invisible.

You can open the directories and subdirectories in the program tree with the  icon and close them with the  icon. Each directory has a checkbox which at first is deactivated ☐. As soon as you activate a checkbox ☒ the corresponding program and all programs in the subdirectories - if existent - are activated. If you activate only some of the programs in a subdirectory this will be shown in the upper directory with the  icon.

ATTENTION: If you assigned the new user to a group before all directories and subdirectories which are activated by the group will be highlighted in grey. Then you **can't make any** changes unless you change the group.

If you want to know from where your user has inherited the particular *Visibility* then click the  icon of the desired directory in the *Visibility* window.

Then the following window opens and you can see that he inherits the *Visibility* in this example from Group I.



With this icon you close the window.

If you click here and hold down the left mouse button, you can position the window at any place on your screen.

With this icon you can scroll up
resp. scroll down.

Rights

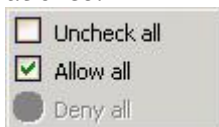
In the right window you see the rights which belong to the single programs ordered by the columns *Right* and *Description*. This is about to define the rights a user will get for the programs.

To set rights you first have to select the desired directory in the program tree. As soon as you select a directory where you can set rights these rights including *Right* and *Description* are shown in the right window. Each right has a checkbox which at first is deactivated ☐ (*unchecked*). With mouseclicks you can choose between ☒ (*allow*) and ☐ (*unchecked*).


☒ *allow* means, that the user will receive this right.

☐ *unchecked* means, that the user will not receive this right.

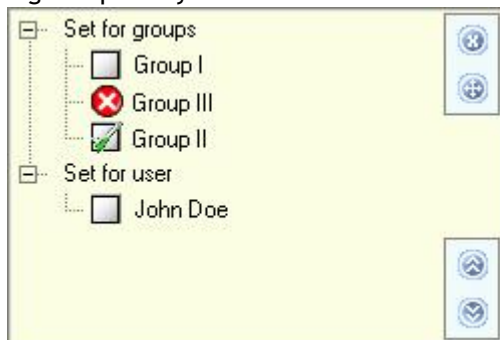
If a program contains more than one right, you can set these rights by the following context menu all at once:



ATTENTION: If you assigned the new user to a group before all rights which are set by the group will be highlighted in grey. Then you **can't make any changes** unless you change the group.

If you want to know from where your user has inherited the particular right then click the  icon of the desired right in the right window.

Then the following windows opens and you can see that he inherits the right in this example from Group II and Group III. But only the definition from Group III becomes effective, because it has the highest priority.



With this icon you close the window.

If you click here and hold down the left mouse button, you can position the window at any place on your screen.

With this icon you can scroll up
resp. scroll down.

Back opens the previous screen. With *Finish* your inputs or changes are stored, with *Cancel* all inputs or changes will be discarded. In both cases you return to *User management*.

About the subject assignment of rights read also [Rights of group](#).

2.3.4.2. Add/Edit Group

2.3.4.2.1 Group properties

New group

If you create a new group enter *Group name* and a *Description* here. The more significant name and description are, the easier you will later find the group rights defined here to assign them to a single user.

Edit group

Edit a group by simply overwriting the existing inputs.

Next opens the next screen and with *Cancel* you return to *User management*.

2.3.4.2.2 Users in group

The list indicates all users in the columns *Username* and *Fullname*.

New group

When you create a new group no user is assigned to this group. To do this you only have to activate the checkbox ☒ in front of the desired user or users. The user will be assigned to that group and will inherit all its rights.

Edit group

If you edit a group all users belonging to it are signed with the ☒ checkbox and all others with the ☐ checkbox. By activating or deactivating the corresponding checkboxes you assign or release a user to a group.




Back opens the previous screen, *Next* the next screen and with *Cancel* you return to *User management*.

2.3.4.2.3 Rights of group

Visibility

This screen consists of two windows. In the left window you see the column *Visibility* with the program tree as you know it from the ACMP console. Which programs are shown depends on the solutions already installed.



In this window you define which programs are visible to the users of that group and which not. This means: Members of that group can only use programs which are activated for them. All other programs remain invisible.

You can open the directories and subdirectories in the program tree with the  icon and close them with the  icon. Each directory has a checkbox which at first is deactivated ☐. As soon as you activate a checkbox ☒ the corresponding program and all programs in the subdirectories - if existent - are activated. If you activate only some of the programs in a subdirectory this will be shown in the upper directory with the  icon.


Note: Programs you don't activate here can be individually activated later when creating a user.


Rights


In the right window you see the rights which belong to the single programs ordered by the columns *Right* and *Description*. This is about to define the rights the members of the group will get for the programs.



To set rights you first have to select the desired directory in the program tree. As soon as you select a directory where you can set rights these rights including *Right* and *Description* are shown in the right window. Each right has a checkbox which at first is deactivated ☐ (*unchecked*). With mouseclicks you can choose between  (*allow*),  (*deny*) and ☐ (*unchecked*).

☐ *unchecked* means, that this right can be assigned to any new member of that group individually.


 *allow* means, that this right is firmly assigned to any new member of that group and cannot be changed.

 *deny* means, that this right is denied to any new member of that group and cannot be changed. In addition it is defined:



 *allow* has priority over ☐ *unchecked*.

 *deny* has priority over  *allow* and ☐ *unchecked*.

What does that mean concretely?

A user who is member of two groups in which the same right first is set on ☐ *unchecked* and second is set on  *allow* is firmly assigned to that right and this cannot be changed.

For a user who is member of three groups in which the same right first is set on ☐ *unchecked*, second

is set on  *allow* and third is set on  *deny* this right is denied and it cannot be changed.
If a program contains more than one right, you can set these rights by the following context menu all at once:



Back opens the previous screen. With *Finish* your inputs or changes are stored, with *Cancel* all inputs or changes will be discarded. In both cases you return to *User management*.

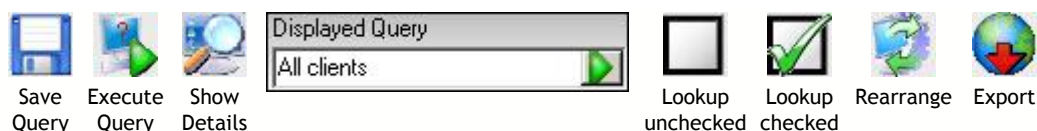
About the subject assignment of rights read also [Rights of user](#).


3. Query Management

The same query definition procedure applies whenever you need to retrieve data. A query needs to be executed to get the necessary data and information to manipulate the clients by any program. A query once defined and executed is available for any other task. So what you defined in, say, *Browse*, you can reuse in *Delete Managed Clients* or *AVdetective*.

Toolbar

The following tools are used to create and retrieve queries :



The remaining parts of the screen are empty and the icons gray till the first query is executed. Click on  icon to start definition. The [Available queries](#) window opens.

Grid

Once the query is completed the result grid may look like that:

Results Display Filters			
Drag a column header here to group by that column			
	Computer Domain	Computer Name	OS Name
<input type="checkbox"/>	ACMP	ACMP_Server	Windows 2000
MSI Software		Setup Software Name	
Netinstall Software		Aagon Client Management Plattform (Client)	
Setup Software		Aagon Client Management Plattform (Console)	
		Aagon Client Management Plattform 1.0 (Server)	

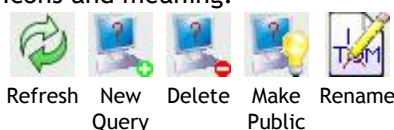
Read [Grid](#) to learn how to filter the results to obtain a useful and transparent data.

3.1. Available Queries

Most of the functions to manage the queries can be found here. You can create new queries, execute the existing, delete, rename and publish them.

Toolbar

Icons and meaning:





You must select an existing query to get access to all the icons. Otherwise only *Refresh* and *New Query* are active.

List

Query list is displayed under the icon bar in two groups:

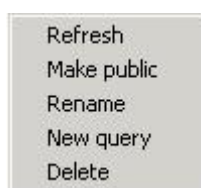
 **Public Queries:** This queries are available to all users.

 **Personal Queries:** This queries are available only to the author and the person authorized to use the specific console.

Expand the view with  to check which group the queries are assigned to. Double click on the selected query to execute it. The results will be displayed in the [Grid](#).

Context menu

Context menu repeats the toolbar functionality. Right click the mouse to display it. If the query has been selected all the options show, otherwise only *Refresh* and *New Query* are to chose from.



Refresh: update the view with *Refresh*. Useful when many users use the system at once.

Make public: shift the selected *Personal Query* to *Public Queries*.

Rename: renames the selected query.

New Query: opens the [Query Wizard](#), where new queries are defined.

Delete: deletes the selected query.

A warning message with confirmation prompt shows before deletion.

3.2. Query Wizard

3.2.1. Select Fields to display

Here you select the columns to show in the query. All the *Available fields* are shown in the list under

[-] icons. Here you find additional branches like [+] ACMP Client, [+] Hardware, [+]

Network or [+] Operating System with more branches depending on the installed solutions.

Folder

The features' folders are listed here. The content depends on the number of installed solutions. The folders are described as follows:

Next to the expanding [+] icon either [grid icon] or [vertical bars icon] is displayed with the name of group, say, *Clients*.

[grid icon] icon marks the group containing fields which take only one value the query.

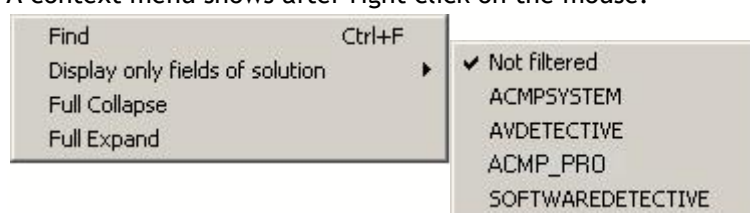
[vertical bars icon] marks the columns which may repeat in many instances. For example *Devices* or *Drives* are repeatable as the client station may have many drives and always features many devices.

Additionally, ACMPSYSTEM contains *Clients*, *CPU*, *Devices*, *Display*, *Drivers*, *Memory*, *Operating System*, *Printers* and *Solutions*;

AVDETECTIVE contains *AV-Solution McAfee*, *AV-Solution Symantec*, *AV-Solution Trend Micro* and *AV-Solution FProt*;

SOFTWAREDETECTIVE contains *Installed Software*, *MSI* and *NetInstall Software*.

A context menu shows after right click on the mouse:



- *Find* will search for a desired field name in the data base:




any part of the field name will do. Click *Find Next* till you find what you are interested in.

- Clicking on *Display only fields of solution* you will get the list of available solutions (or *not filtered*). When a solution is selected, only the fields relevant for it will remain in the view.

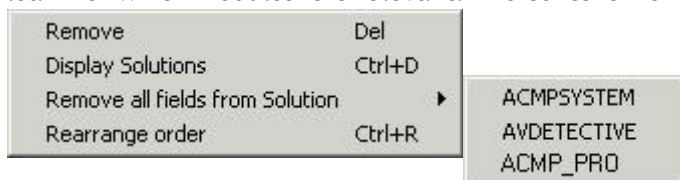
Field selection

Expand the group clicking on [+] icon. Each field name is preceded with [icon] icon. Double click the field or drag it to the right panel to select it.



The selected field will show in the right panel while its row in the left one will get a blue background to mark, that is has already been used. Click on  collapses the view. Repeat till you move all interesting fields to the right panel.

The right panel features *Field* and *Sort* columns. Right click with the mouse cursor on the field to learn for which modules it is relevant. The context menu will show::



You may *Remove* unwanted fields.

Display Solutions or *Ctrl+D* lists the relevant solutions: ACMPSYSTEM, AVDETECTIVE or other.


Remove all Fields from Solution shows the list of solutions. When a solution is selected, the fields relevant to it will disappear.

Rearrange order or *Ctrl+R* opens the *Rearrange display order* window where the field order can be








manipulated. Select the field and use *First* *Up* *Down* *Last* arrows to position it at the right place.





Sort and adjustment

You may introduce some modifications to adjust. To change the fields order click on  icon, and drag it to the place of choice.

Example:

Field	Sort	Solution	Raw
 Computer Domain	<input type="checkbox"/>	ACMPSYSTEM	<input type="checkbox"/>
 ACMP Is Manag...	<input type="checkbox"/>	ACMPSYSTEM	<input type="checkbox"/>
 ACMP Is Running	<input type="checkbox"/>	ACMPSYSTEM	<input checked="" type="checkbox"/>
 Computer Name		ACMPSYSTEM	<input type="checkbox"/>

The *Computer Name* field will move over *ACMP Is Managed Installed*.

Field	Sort	Solution	Raw
 ACMP Is Running	<input type="checkbox"/>	ACMPSYSTEM	<input checked="" type="checkbox"/>
 Computer Domain	<input type="checkbox"/>	ACMPSYSTEM	<input type="checkbox"/>
 Computer Name	<input type="checkbox"/>	ACMPSYSTEM	<input type="checkbox"/>
 ACMP Is Manag...	<input type="checkbox"/>	ACMPSYSTEM	<input type="checkbox"/>

The *ACMP Is Running* field will move under *Computer Name*.

The sort switch gets the following values:



, not sorted.




, sort increasing.




, sort decreasing.

Only one value applies.






If you activate the checkbox *Raw* , the value in the *Grid* will be shown, as it is stored in the data base.

Examples: If McAfee is installed instead of *Installed* an *1* shows, if it is not installed instead of *Not Installed* a *0* shows.

Information about capacities of hard disks and memory are **always** shown in Kilobyte, if the checkbox *Raw*  is activated. Otherwise the values are converted and shown together with the according scale unit in KB, MB or GB.




Next sends you to *Select filters* screen. If no filter is selected an error message shows.

3.2.2. Select filters


Here filters are created to adjust the query results. All the *Available fields* for the Filter wizard are listed under the  icon. Here you find additional branches like  *ACMP Client*,  *Hardware*,  *Network* or  *Operating System* with more branches depending on the installed solutions.

Folder

The features' folders are listed here. The content depends on the number of installed modules. The folders are described as follows:

Next to the expanding  icon either  or  is displayed with the name of group, say, *Clients*.

 icon marks the group containing fields which take only one value the query.



 marks the columns which may repeat in many instances. For example *Devices* or *Drives* are repeatable as the client station may have many drives and always features many devices.

Additionally, ACMPSYSTEM contains *Clients*, *CPU*, *Devices*, *Display*, *Drivers*, *Memory*, *Operating System*, *Printers* and *Solutions*;

AVDETECTIVE contains *AV-Solution McAfee*, *AV-Solution Symantec*, *AV-Solution Trend Micro* and *AV-Solution FProt*;

SOFTWAREDETECTIVE contains *Installed Software*, *MSI* and *NetInstall Software*.

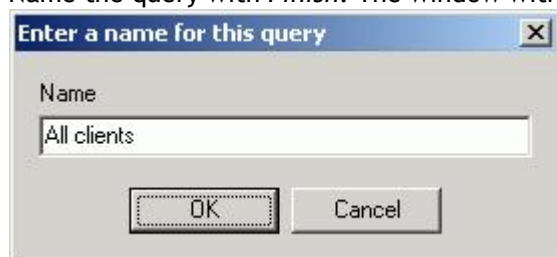
Field selection

Expand the group clicking on  icon. Each field name is preceded with  icon. Double click the field or drag it to the right panel to select it. The panel that opens lets you specify the filtering criteria. Note that the system provides for different criteria sets depending on the data type of the field selected. The criterion's data type is referred to as:

- [Date/Time Filter](#)
- [IP Filter](#)
- [Number Filter](#)
- [Memory Filter](#)
- [String Filter](#)

If you mark the radio button *Specify at execution* the criterion will be set 'Dynamically', that is you will be prompted for the criterion at the execution. Once the criteria are set you see the fields list with the criteria in the rightmost panel. Repeat till all criteria are set. You can also add criteria which are not attached to specific fields.

Name the query with *Finish*. The window with a name prompt opens:



Overtyping the *Name* field to name the query as you want. *OK* will save the query and run it.

3.2.2.1. Date/Time Filter

- ☒ **Specify Filter:** This radio Button is always activated when the screen opens. It allows you to set the desired filter parameters.
- ☐ **Specify at execution:** Checking this field will invoke the screen when the query is executed so you can set the filter parameters value at the time of execution.

The date/time relational operators are the following:

Before :
On :
After :

Between: (two fields for beginning and ending date/time).

Operator: Check the ☒ *Not* box to apply negation of the criterion's condition.






The following modal (occasional) values are available for date selection:

☒ *Today*

☐ *Tomorrow*

☐ *Yesterday*

Here you enter extensional values

☒ *Edit*: Use DD.MM.YY date format. Clicking  you invoke the calendar window where you may specify the date navigating through years, months and days with buttons:  a year back,  a month back,  next month and next year .

You must enter the ending date when *Between* operator is selected.

3.2.2.2. IP Filter

☒ *Specify Filter*: This radio Button is always activated when the screen opens. It allows you to set the desired filter parameters.

☐ *Specify at execution*: Checking this field will invoke the screen when the query is executed so you can set the filter parameters value at the time of execution.

The IP relational operators are the following:

Equal :

LIKE :

Between: (two fields for beginning and ending IP Address).

Operator: Check the ☒ *Not* box to apply negation of the criterion's condition.

IP Address entry is masked to avoid errors. Canonical form applies for *Equal* and *Between* operators.

If you are using wildcard criterion *LIKE*, you may substitute digits with "_" or "%" (SQL convention).

You must specify ending IP address for the *Between* operator.

3.2.2.3. Number Filter

☒ *Specify Filter*: This radio Button is always activated when the screen opens. It allows you to set the desired filter parameters.

☐ *Specify at execution*: Checking this field will invoke the screen when the query is executed so you can set the filter parameters value at the time of execution.

The number relational operators are the following:

< : less than

<= : less or equal

= : equal

>= : greater or equal

> : greater than

Operator: Check the ☒ *Not* box to apply negation of the criterion's condition.

The *Values* button is useful. It opens the window where values of the specified field found by the *Generate-value-directory*-function are listed.

You may select a few of the values by activating the checkbox in front.
'Select All' all of them. 'Clear Selection' deselect all.

If you are not using the *Values* window, type the criterion value in the entry field.

3.2.2.4. Memory Filter

☒ *Specify Filter*: This radio Button is always activated when the screen opens. It allows you to set the desired filter parameters.


☐ *Specify at execution*: Checking this field will invoke the screen when the query is executed so you can set the filter parameters value at the time of execution.

The number relational operators are the following:





< : less than
 <= : less or equal
 = : equal
 >= : greater or equal
 > : greater than

Operator: Check the ☒ *Not* box to apply negation of the criterion's condition.

Type the value in the entry field. Use  buttons to increase or decrease the value. The list next field will provide the units: *KB*, *MB* or *GB*.

3.2.2.5. String Filter

 **Specify Filter:** This radio Button is always activated when the screen opens. It allows you to set the desired filter parameters.

 **Specify at execution:** Checking this field will invoke the screen when the query is executed so you can set the filter parameters value at the time of execution.

The number relational operators are the following:

< : less than
 <= : less or equal
 = : equal
 >= : greater or equal
 > : greater than
 IN :

LIKE : you may use wildcard characters in SQL convention *:_*, and *(%)* .

Operator: Check the ☒ *Not* box to apply negation of the criterion's condition.

The *Values* button is useful. It opens the window where values of the specified field found by the *Generate-value-directory-function* are listed.

You may select a few of the values by activating the checkbox in front. 'Select All' all of them. 'Clear Selection' deselect all.

If you are not using the *Values* window, type the criterion value in the entry field.

3.3. Grid

This panel shows the query execution progress and the results.

If you used the *Specify at execution* option when defining filters the system shows window to specify criteria before query execution. This is the same window you used defining the filter according to the field data type:

- [Date/Time Filter](#)
- [IP Filter](#)
- [String Filter](#)
- [Number Filter](#)
- [Memory Filter](#)

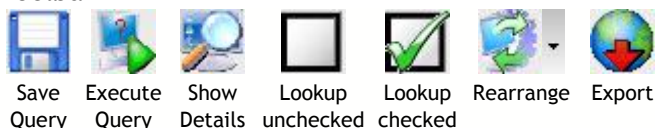
The progress of the query execution is shown in the panel.

Grid


There are 3 tabs on the grid panel:

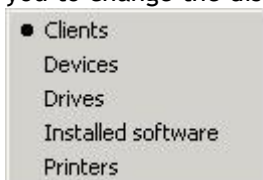
- [Results](#)
- [Display](#)
- [Filters](#)

Toolbar



Icons and what they do:

- Save Query:** Saves the current query.
- Execute Query:** Executes the query ignoring temporary view filters.
- Show Details:** Opens a new window where you can look at all [details](#) of the selected computer.
- Lookup unchecked:** If some stations are checked ☒, the system will filter only unchecked ☐ stations. Rerun the query to get the full results.
- Lookup checked:** If some stations are checked ☒, the system will filter only checked ☒ stations. Rerun the query to get the full results.
- Rearrange:** If there are many multivalue fields  in the query clicking *Rearrange* will allow you to change the display sort. You will get the context menu:



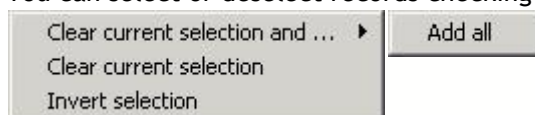
The default sort is *Clients*. Other choice will change sort. Note: when you chose to sort according to multivalued field, each Client will be shown that many times as many values the sorting field takes.

Export: Open the wizard which will export the data to CSV format (comma-separated-variables). This format is imported to all typical applications like Excel.



3.3.1. Results

List


The grid header features the: *Drag a column header here to group by that column* instruction (see Group) under which the records are displayed. There are a number of tools to arrange the display. You can select or deselect records checking ☒ or unchecking ☐. Right click opens the context menu:




This is particularly useful when you want to invert selection.

If there are multivalued fields in the query  each record features expansion icon  which opens a sub-grid with the field values. This sub-grid may feature further buttons to drill down to the information. The field groups are represented by the tabs in the sub-grid. Click the tab to get to the information related to the field group.

Sort

You can sort the results at will according to standard SQL convention where the following columns sort within the preceding ones. Thus you need to change the column order which you may do dragging the column header left or right. The sort order is changed by clicking on the column header. A triangle icon  shows the sort order.

Filter

Apart from filters included in the query you can apply view filters. Click on  icon to add a view filter. A drop down let you define the filter. If you selected, say, the *Domain* column, you will find the following entries:

(All)



(Custom...)

and then all domains with their name.

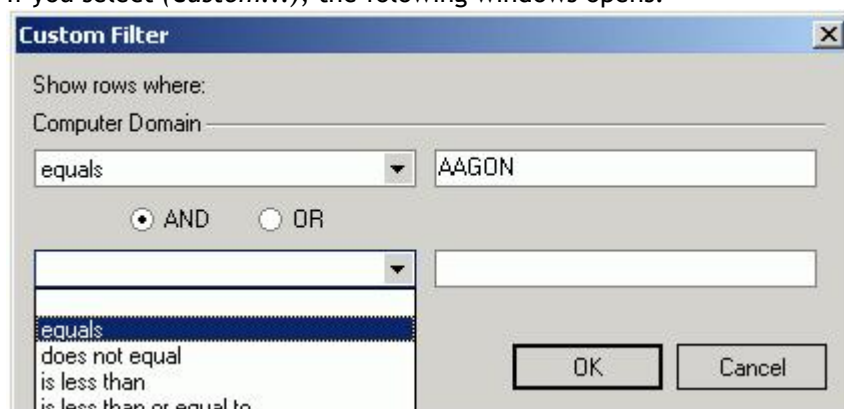
If you select *All*, all domains are shown. If you select one of the domain names only this domain will be shown.

The instruction will be carried out at once and the status bar at the grid bottom will show the filter applied:




Click on  on the status bar to remove the view filter or turn it off for a while checking the  field.


If you select (*Custom...*), the following windows opens:




Here you can concatenate two conditions with AND resp. OR, to filter more outputs.

Notes: If you set a filter the switch in the column header changes to . If you set another filter in another column header, the conditions are **always** concatenated with AND.

Group

You may group the results by the columns. Simply drag the column header to the area marked with *Drag a column header here to group by that column*. Grouping is immediate. If for example, you use the *Domain* header for grouping the records will group by domain. Each line shown will feature the expanding button  which clicked will display the records within the group, in this case all the client stations selected by the query which belong to the domain.

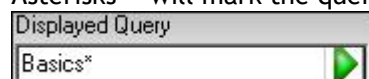
You can group according to various parameters. Dragging another header to the grouping area will group hierarchically with the later column grouping within the former. You can drill down for information using  button at each level.

3.3.2. Display

Go to this tab to modify the query: add or remove columns.

The window structure is the same as [Select Fields to display](#), you learned creating the query.

Asterisks * will mark the query name after modification:



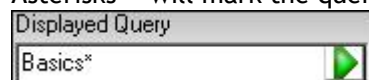
Once the query is saved  with *Save Query* the asterisk * disappears.

3.3.3. Filters

Use this tab to modify the query filters.

The structure and functionality is the same like [Select filters](#) already described.

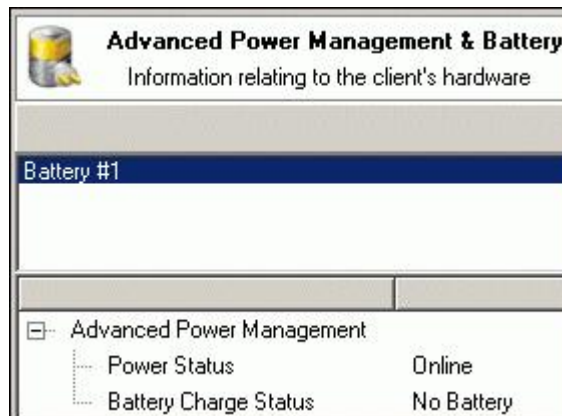
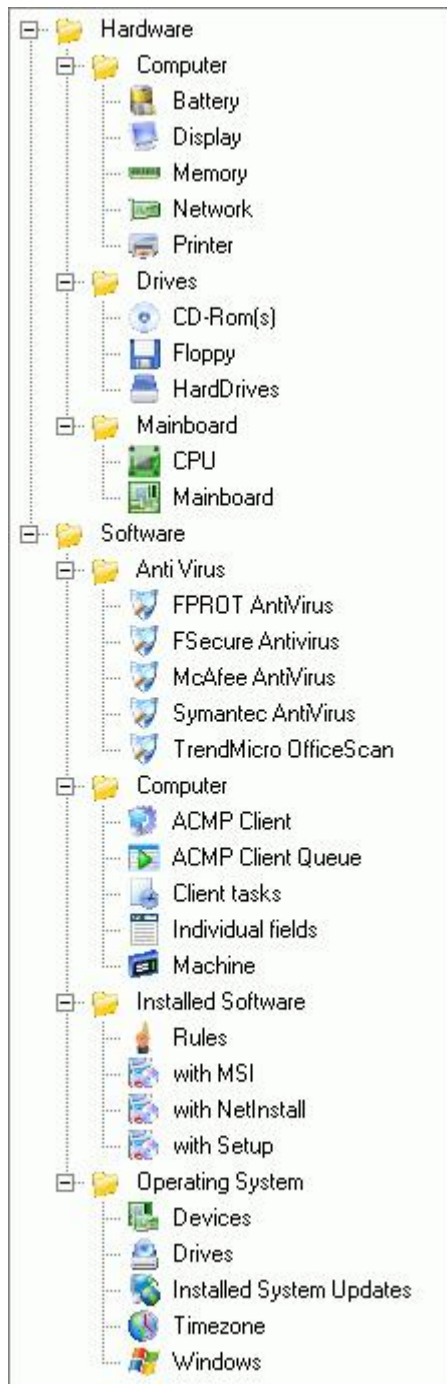
Asterisks * will mark the query name after modification:



Once the query is saved  with *Save Query* the asterisk * disappears.

3.3.4. Show Details

Depending on the number of installed solutions you see on the left a tree with the following content:




Client tasks and Individual fields form an exception. Here you can also make and store inputs.

Client tasks

First switch on the checkbox ☒ *Enable special settings*. Thus the display of the tasks is activated. With a doubleclick on the desired task the window *Start Conditions* opens, and you can make your changes. Which settings you can make here, you learn in the section *Client tasks* under [Change Scanner Settings](#). **The changes exclusively apply to the client, which you selected and have priority before all other Scanner Settings!**

In order to reset the settings, simply switch off the checkbox ☐ *Enable special settings* again.

Individual fields

These values are only shown, if the solution *Individual fields* is installed. The list in the right window shows the *Fieldname* and under *Value* the value registered so far. With a doubleclick on the desired line a window opens, in which you can edit the value. Changed values are printed afterwards in **boldface**. With a click on  the changes are stored.

Index

- A -

ACK3 client profiles	9
ACK3 Master	9
Execute	9
Generate Client Profiles	9
Next	9
Select Names	9
Select Rolloutserver	9
Select target folder	9
Select Template	9
Active Update	20
Install single patch	20
Logged on to local server	20
Search on internet...	20
Solution	20
Add/Edit Folder	11
Description	11
ROOT	11
Title	11
Add/Edit report	11
Create a new query	11
Description	11
Don't save report	11
Edit datafields of report	11
Filter	11
General information	11
Report close options	11
Report designer	11
Reportname	11
Save report	11
Select datasource	11
Select display fields	11
Use an existing query	11

Available Queries	29
Context menu	29
Delete	29
Grid	29
List	29
Make public	29
New Query	29
Personal Queries	29
Public Queries	29
Query Wizard	29
Refresh	29
Rename	29
Toolbar	29

- B -

Browse	8
Displayed Queries	8
Grid	8
Icons	8
Query Management	8

- C -

Client distribution	14
Force update of clients	14
Push clients	14
Uninstall clients	14
Client tasks	16
Add template	16
Client tasks	16
Default	16
Delete template	16
Description	16
List affected containers	16
Maintenance	16
Priority	16
Save	16
Scanner Name	16

Client tasks	16	Tomorrow	32
Settings	16	Yesterday	32
Source template	16	Delete clients	18
Start condition	16	Cancel	18
Template name	16	Execute	18
Console	6	Query Management	18
About	6	Display	36
Actions	6	Displayed Query	36
Change Password	6	Save Query	36
Client Management	6	Select Fields to display	36
Context menu	6		
Exit	6	- E -	
Help	6	Export	13
Hide	6	Export	13
Icons	6	Store	13
Language	6	- F -	
Logout	6	Filters	36
Main	6	Displayed Query	36
Menu	6	Save Query	36
Platform	6	Select filters	36
Quickinfo	6	First Steps	6
Show	6	Change password	6
Window	6	New Query	6
- D -		OneScanClient	6
Date/Time Filter	32	Push Clients	6
After	32	Standard Client	6
Before	32	Force update of clients	14
Between	32	Execute	14
Edit	32	Force Update On Client	14
Not	32	- G -	
On	32	Grid	34
Operator	32	Display	34
Specify at execution	32	Execute Query	34
Specify Filter	32	Export	34
Today	32	Filters	34

Grid	34	Specify Filter	33
Lookup checked	34	- L -	
Lookup unchecked	34	Licenses	22
Rearrange	34	Added	22
Results	34	Check	22
Save Query	34	Evaluation Keys	22
Show Details	34	Icons	22
Group properties	26	License data	22
Description	26	License ID	22
Group name	26	License Keys	22
- I -		List	22
Import	13	Load from file	22
Import	13	No of Licenses	22
Open	13	Paste	22
Install single patch	21	Login	5
Finish	21	OK	5
New available solutions	21	Password	5
Next	21	Port	5
Select update pack	21	Server	5
Updates for installed solutions	21	User	5
Introduction	5, 10	Username	5
How does the ACMP work?	5	- M -	
Solutions	5	Managed Clients	16
Start of the program	5	Backup	16
Structure	5	Client tasks	16
The system requirements	5	Delete clients	16
What is ACMP for?	5	Queues	16
IP Filter	33	Send custom profile	16
Between	33	Member of groups	25
Equal	33	Description	25
LIKE	33	Groupname	25
Not	33	Memory Filter	33
Operator	33	<	33
Specify at execution	33	<=	33
		=	33

Memory Filter	33	Save as HTML	12
>	33	Whole page	12
>=	33	Zoom to 100%	12
GB	33	Push clients	14
KB	33	Account information	14
MB	33	Check	14
Not	33	Default installation account	14
Operator	33	Last Error	14
Specify at execution	33	Last Seen	14
Specify Filter	33	Launcher.exe	14
- N -		Microsoft Windows Network	14
Number Filter	33	Network Message	14
<	33	Network Name	14
<=	33	Network Nodes	14
=	33	OK	14
>	33	OneScanClient	14
>=	33	Password	14
Not	33	Standard Client	14
Operator	33	Uncheck	14
Specify at execution	33	Username	14
Specify Filter	33	- Q -	
Values	33	Query Management	29
- P -		Available queries	29
Platform	14	Grid	29
Client distribution	14	Toolbar	29
Managed Clients	14	Queues	18
System	14	Clients	18
Preview report	12	Collection	18
Close	12	Collections	18
First	12	Computer name	18
Fit to page width	12	Delete	18
Last	12	Refresh	18
Next	12	Status	18
Previous	12	Waiting since	18
Print	12		

- R -		Proxy	20
Rescan clients	19	Proxy HTTP-Port	20
Finish	19	Server	20
Query Management	19	Test	20
Rescan clients	19	Updates for installed solutions	20
Select client tasks	19	Use Proxy Server	20
Results	35	Username	20
Filter	35	Select Fields to display	30
Group	35	Available Fields	30
List	35	Display only fields...	30
Sort	35	Display Solutions	30
Rights of group	27	Field	30
allow	27	Field selection	30
deny	27	Find	30
Description	27	Find Next	30
Right	27	Folder	30
uncheck	27	Next	30
Visibility	27	Raw	30
Rights of user	25	Rearrange order	30
allow	25	Remove all Fields...	30
Description	25	Remove Del	30
Right	25	Sort	30
uncheck	25	Sort and adjustment	30
Visibility	25	Select filters	32
- S -		Available Fields	32
Search on internet	20	Date/Time filter	32
Advanced	20	Field	32
Authentication required	20	Field slection	32
Cancel	20	Finish	32
Customer ID	20	Folder	32
Finish	20	IP Filter	32
New available solutions	20	Memory Filter	32
Next	20	Number filter	32
OK	20	OK	32
Password	20	String filter	32

Select filters	32	Time frame	17
Value	32	Start screen	10
Settings	23	Add folder	10
Check rights for user	23	Add report	10
Chunked package size	23	Delete entry	10
Client Installation	23	Description	10
Generate value directory	23	Edit folder	10
Limit Connections	23	Edit report	10
Password	23	Export	10
Refresh	23	Import	10
Retry client command	23	Make public	10
Save	23	Name	10
Scan network every	23	Overview	10
Search new queue items	23	Preview report	10
Server Settings	23	Print report	10
Toolbar	23	Refresh	10
UserName	23	String Filter	34
Show Details	37	<	34
Client tasks	37	<=	34
Enable special settings	37	=	34
Fieldname	37	>	34
Individual fields	37	>=	34
Value	37	IN	34
Start conditions	17	LIKE	34
Back	17	Not	34
Day of month	17	Operator	34
Day of week	17	Specify at execution	34
Enabled	17	Specify Filter	34
Finish	17	Values	34
Login	17	System	19
Run once	17	Active Update	19
Specific date	17	Licenses	19
Specific time	17	Multi Server Management	19
Start interval	17	Settings	19
Startup	17	User Management	19

- U -

Uninstall clients	16
Delete clients	16
Delete collected data	16
Execute	16
Leave collected data untouched	16
User Management	23
Add group	23
Add new user	23
ADMINISTRATOR	23
All groups	23
All users	23
Change name of user or group	23
Change password	23
Delete Group	23
Edit group	23
Edit user	23
Full access	23
Refresh	23
User properties	25
Confirm password	25
Fullname	25
Password	25
Username	25
Users in group	27
Fullname	27
Username	27