SCOL SERVER

Version 4

HTML Administration

REFERENCE MANUAL

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Layout of the reference manual

This documentation is divided into 6 major sections:

- 1. Introduction
- 2. SCOL Configuration
- 3. Sites
- 4. Control Center
- 5. File Management
- 6. Index

1. INTRODUCTION

1.1. What is the purpose of this administration solution?

The purpose of SCOL Server console is to provide an administration interface for remotely controlling the operation and configuration of SCOL sites hosted on one or more servers.

From a single Internet browser, you can:

- Configure the SCOL system
- Carry out simple administration tasks on SCOL sites
- Fully access all functions of the Control Centre (see specific Control Centre documentation)

This administration interface is based on existing functions of the Control Centre.

HTML administration directly uses the tables from the Control Centre.

1.2. Minimum configuration

The only constraint is in the browser used. Browsers supported by SCOL Server include:

- Internet Explorer, version 4 and higher
- Netscape, version 6 and higher
- Opera, version 5.02 and higher

1.3. Security

For remote administration to function, a minimum system configuration is required on the server and its settings are defined during installation.

- Location of the Control Centre database (ODBC DSN)
- Entry of users qualified for remote administration

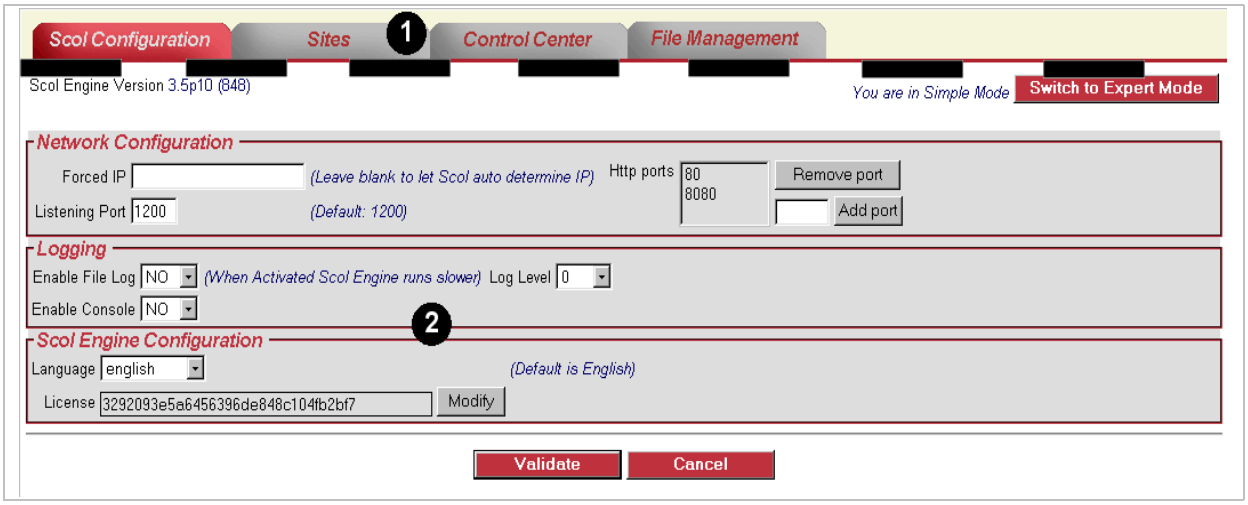
For security reasons, these settings cannot be defined remotely through a browser. They must therefore be defined locally on the server system.

If SCOL Server is installed under Windows, to avoid having the administrator modify configuration tables or files manually, a local administration console (SCOL) is used to perform these operations (see documentation "Installation Guide").

If SCOL Server is installed under Linux, the administrator has to modify manually the table *ACL* of the database (see documentation "Installation Guide").

Once the settings are complete, the user must sign on by starting the program. The password is encrypted during transmission.

1.4. Interface description



The interface includes a top bar with tabs (❶) and a configuration panel at the bottom (❷). These two sections form the administration console.

The tabs are used to move through the program. The administration interface covers four key functions:

- Configuration of the SCOL system
- Simplified management of SCOL sites
- The Control Centre
- File management

This makes it easy to move from one function to another.

Each panel has its own interfaces, buttons and menus.

These elements can also be accessed via a contextual menu accessible by right click.

☞ **Note: When names of fields are in bold characters, these fields must be completed.**

The following four chapters successively describe the four panels (❶).

2. SCOL CONFIGURATION

Introduction

The purpose of this section of the administration console is to provide users with a simple method for remotely changing the settings of the SCOL Engine.

Changes are made to the **.ini** files used by the SCOL Engine:

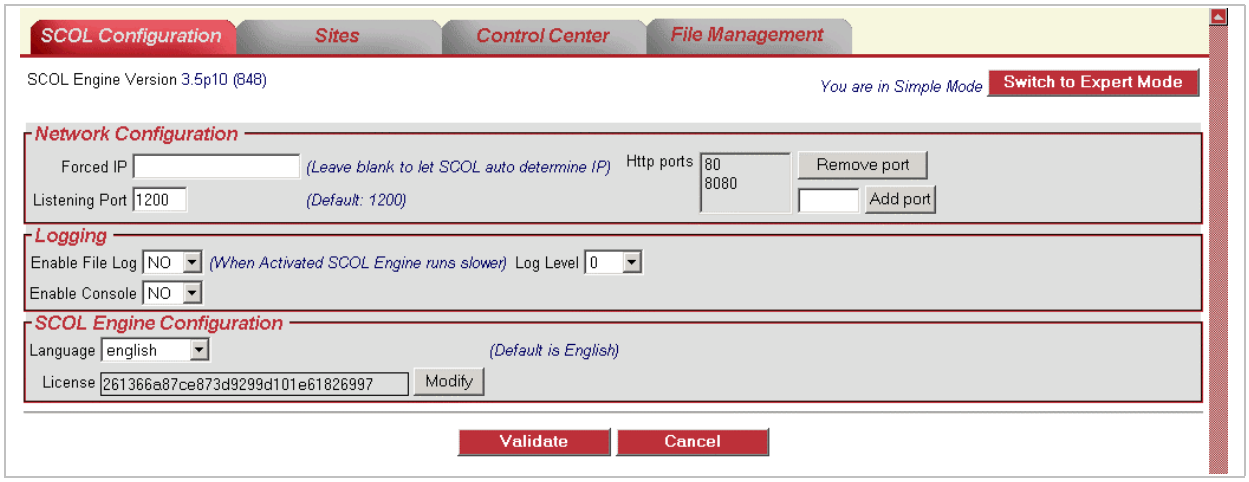
- **usm.ini**
- **usmress.ini**

Two operating modes are available:

- A simplified mode in which users can only change certain settings:
  - Network configuration
  - History
  - SCOL partitions
  - SCOL engine configuration
- An expert mode in which the **usmress.ini** file can be modified

2.1. Simplified mode

2.1.1. Introduction



Two buttons are available for updating the settings entered in the various fields:

- **Validate** button:

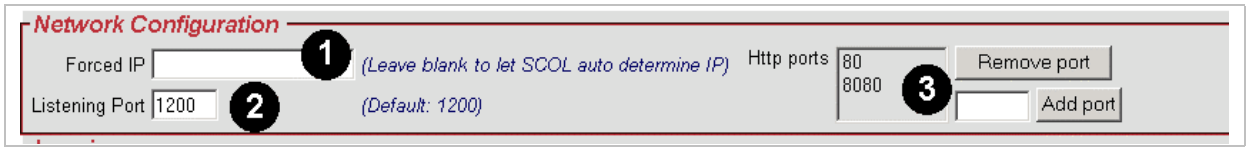
  information entered is controlled

  Modifications are saved if the controls are respected and the page is redisplayed

  An error message is displayed if there is a failure when controls are checked
- **Cancel** button:

  The screen is redisplayed with the values entered

2.1.2. Network configuration

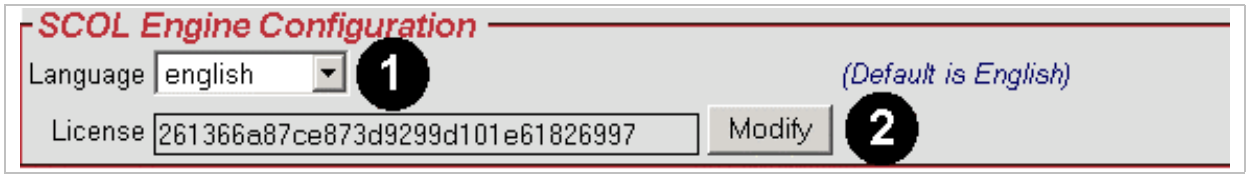


❶	**Forced IP**	Used to entered a forced IP address. If no address is specified, SCOL automatically determines the IP.
❷	**Listening Port**	Displays the number of the listening port. By default, the port number is 1200.
❸	**http Ports**	Displays the http port number(s).
	Delete Port	Deletes the port selected in the *http Ports* field.
	Add	Adds a port to the list. Specify the number in the field and click **Add**.

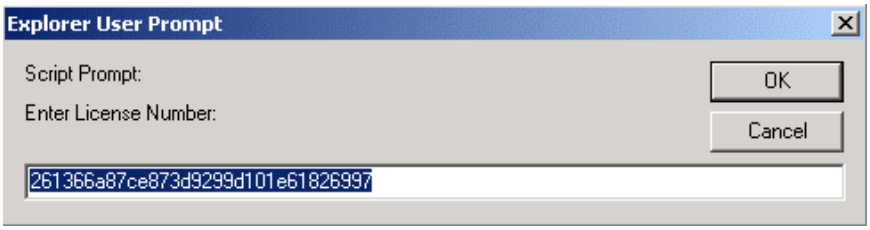
2.1.3. History

❶	**Activate the history file**	Enables/disables the creation of log files (history). Enabling this function slows down the SCOL server.
❷	**Activate the console**	Enables/disables the error console. If the console is enabled and an error occurs, the reasons the for error are displayed on the console.
❸	**History level**	Configures the levels of history created, from 0 (no history) to Max (all history)

2.1.4. SCOL engine configuration

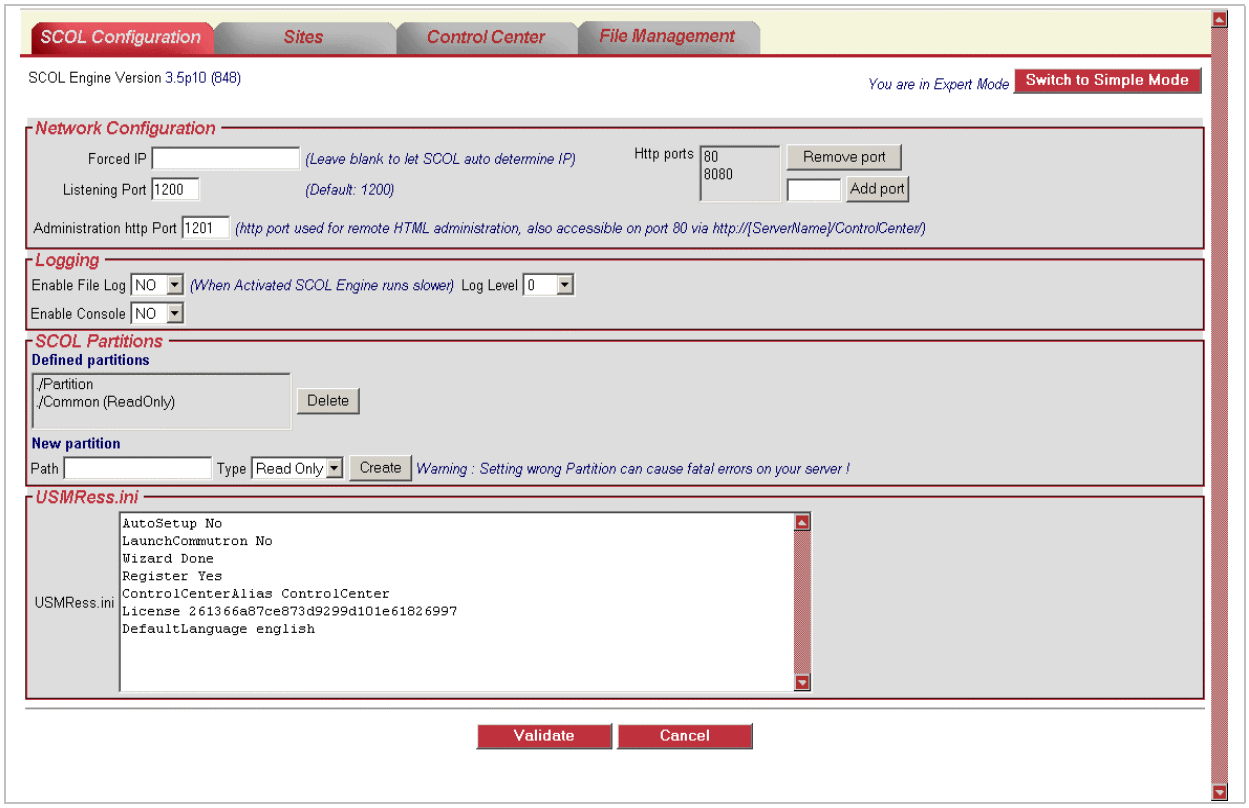


❶	**Language**	Used to select the language for the SCOL Engine. 15 languages are available. English is the language selected by default.
❷	**Licence**	Used to change the licence number. Click the **Modify** button and enter the new number in the window displayed.



Let's have a look at the expert mode. To display the expert mode interface, click the following button:

2.2. Expert mode



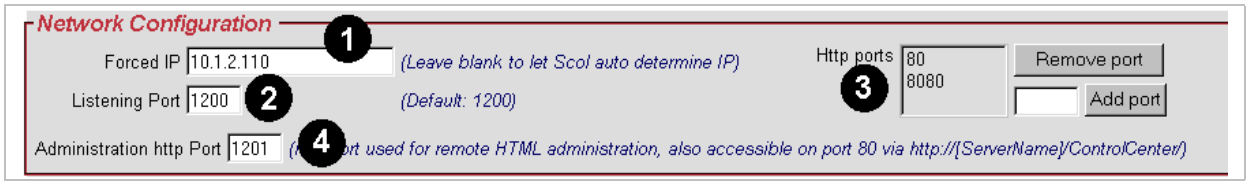
Expert mode has 2 sections:

- The 3 top areas in which you can change settings using the menus.
- A bottom panel in the form of an editor. You can edit both the **usm.ini** and **usmress.ini** files in this portion.

The **Validate** button saves modifications made.

The **Cancel** button cancels modifications made.

2.2.1. Network configuration

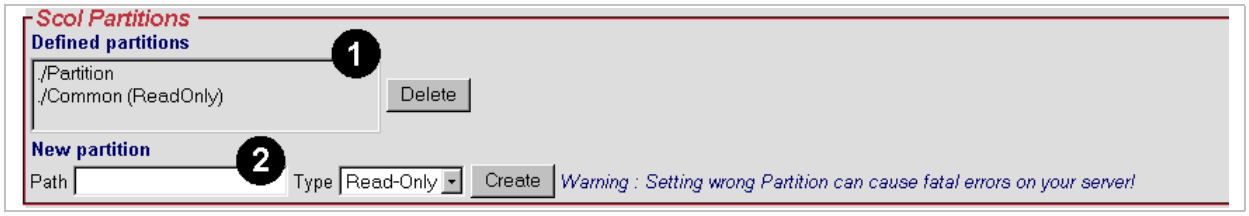


❶	**Forced IP**	Used to entered a forced IP address. If no address is specified, SCOL automatically determines the IP.
❷	**Listening Port**	Displays the number of the listening port. By default, the port number is 1200.
❸	**http Ports**	Displays the http port number(s).
	Delete Port	Deletes the port selected in the *http Ports* field.
	Add	Adds a port to the list. Specify the number in the field and click **Add**.
❹	**http administration port**	Used to specify the http port for HTML Administration

2.2.2. History

❶	**Activate the history file**	Enables/disables the creation of log files (history). Enabling this function slows down the SCOL server.
❷	**Activate the console**	Enables/disables the error console. If the console is enabled and an error occurs, the reasons the for error are displayed on the console.
❸	**History level**	Configures the levels of history created. from 0 (no history) to Max (all history)

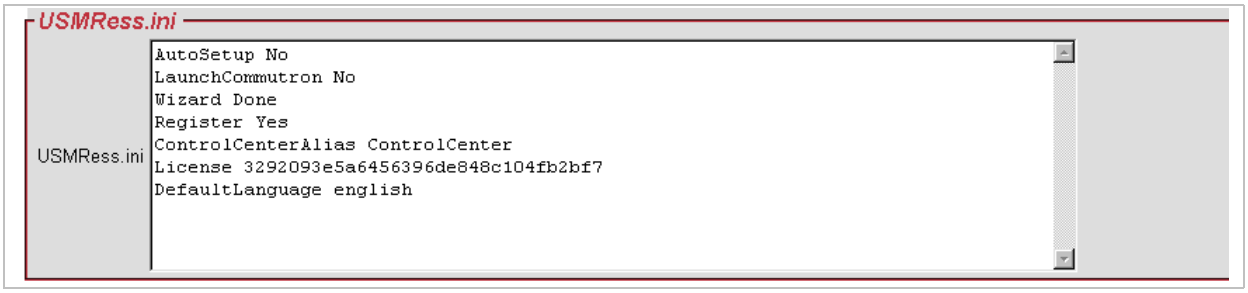
2.2.3. SCOL partitions



❶	**Defined Partitions**	Used to define the root directory of the partition.

	Delete	Used to delete the partition selected in the List field of the *Defined Partitions* section
❷	**New Partition**	Used to define a new partition.
	Path	An entry field used to specify the partition path.
	Type	Used to select the type of partition (Read Only/Write)
	Create	Button used to create the defined partition. It is strongly recommended that you check that all settings for defining the new partition are correct before you click this button.

2.2.4. USMRESS.ini



This editor lets you add global resources to the system that will work with the various sites it hosts. This information must be entered as a string of characters.

3. SITES

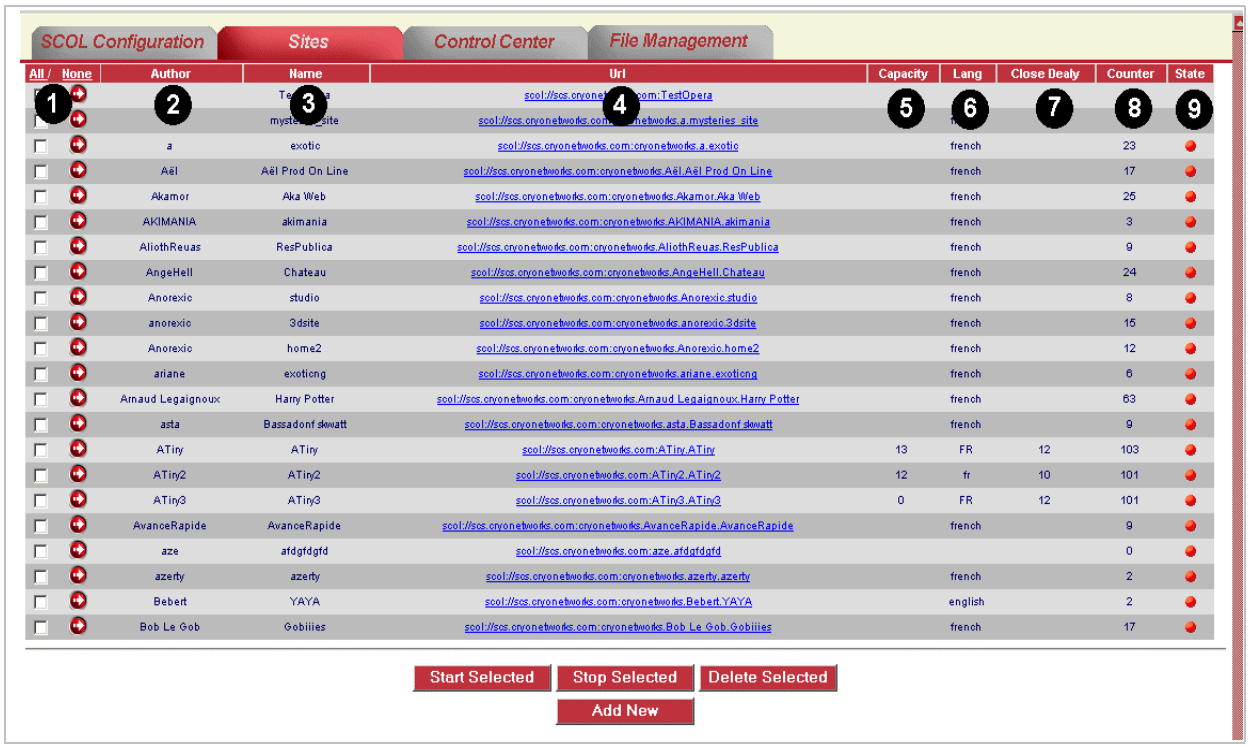
3.1. Introduction

This function in the administration console lets the user:

- list the SCOL sites hosted
- stop, start, add or remove sites
- modify certain settings of a site's configuration

It is basically a simplified view of the **Sites** section of the Control Centre (for additional information, refer to the *Control Centre* panel).

3.2. Column descriptions



❶ **All/None**

Each site (line) can be selected by checking the corresponding box. Multiple items can be selected by clicking **All** and multiple items can be deselected by clicking **None**

Note: Each line can also be clicked (the line is automatically selected in this case).

Calls the site update interface (see explanation below)

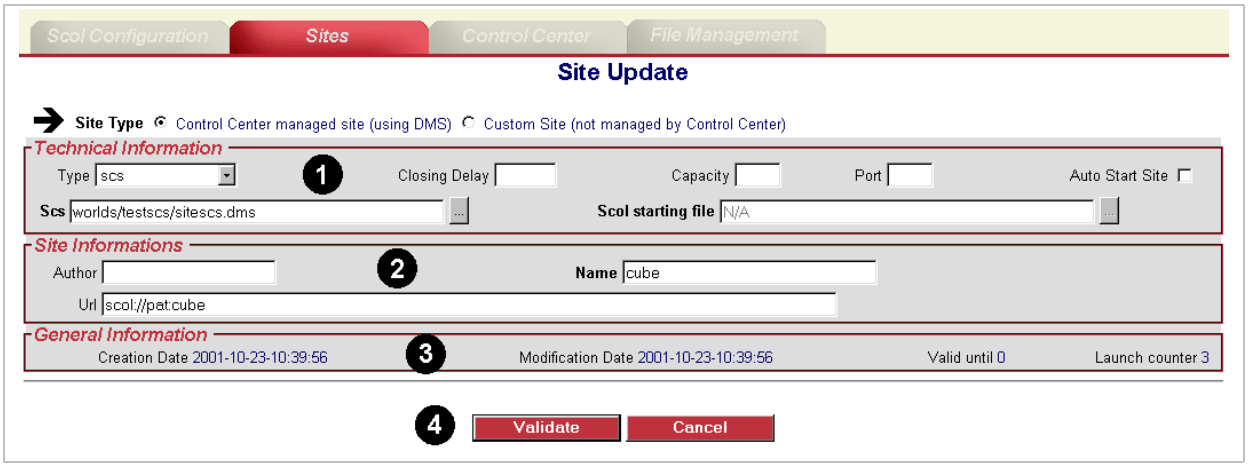
❷ **Author**

Displays the name of the person who created the site.

❸	**Name**	Displays the name of the site
❹	**URL**	Displays the URL (address) for accessing the SCOL site
❺	**Capacity**	Specifies the maximum number of concurrent connections
❻	**Language**	Specifies the language used on the site
❼	**Closing Timeout**	Indicates the period of time (in minutes) after which the site closes (after the last visitor leaves the site)
❽	**Counter**	Counts the number of connections to the site
❾	**Status**	Indicates the status of the site (green dot = site on line and red dot = site closed)

3.2.1. Site updates

3.2.1.1. Introduction



This interface is used to modify customization settings for the site.

➔ Before anything else, the **Type of site** must be determined. Choices include:

- Site managed by the Control Centre. If the site uses DMS architecture directly with a tree structure of modules, click this option.
- Customized site: If the site is completely customized and uses an architecture other than DMS, click this option.

❶ **Technical Information**

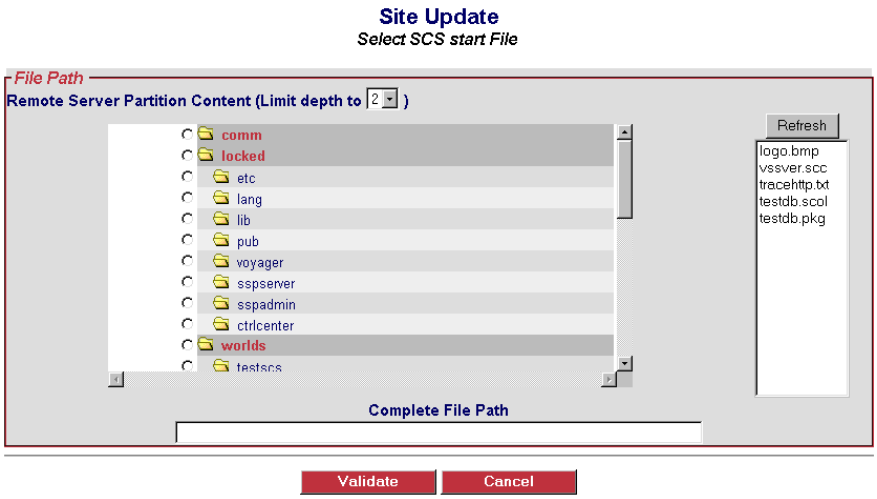
Type	Drop-down list used to select the type of the application from the Cryonetworks product range.
Closing Timeout	Used to specify a new timeout value after which the site is closed.

Capacity Used to specify the maximum number of concurrent connections

Port Used to specify the first port of the site ; if blank, Control Centre will give dynamically a port number at site startup

Automatic Startup If this option is checked, the site is started automatically without user intervention.

SCS Click the following button [...] to display the SCS startup file selection interface.



The tree structure of the remote server is displayed.

The depth of the tree structure can be configured.

Simply click the directory with the SCS file.

The **Refresh** button updates the files in this directory.

Click **Validate** to save the modifications made.

SCOL Startup File Click the following button [...]. An interface identical to that for the SCS file above is used to specify the path to the SCOL startup file.

❷ **User Information**

Author Used to specify a new name for the author of the site.

Name Used to specify a new name for the site.

URL Used to specify a new URL (address) for accessing the site.

❸ **General Information** Displays creation and modification dates.

❹ **Validate/Cancel** Click **Validate** to save the modifications made. Click **Cancel** to ignore the modifications made.

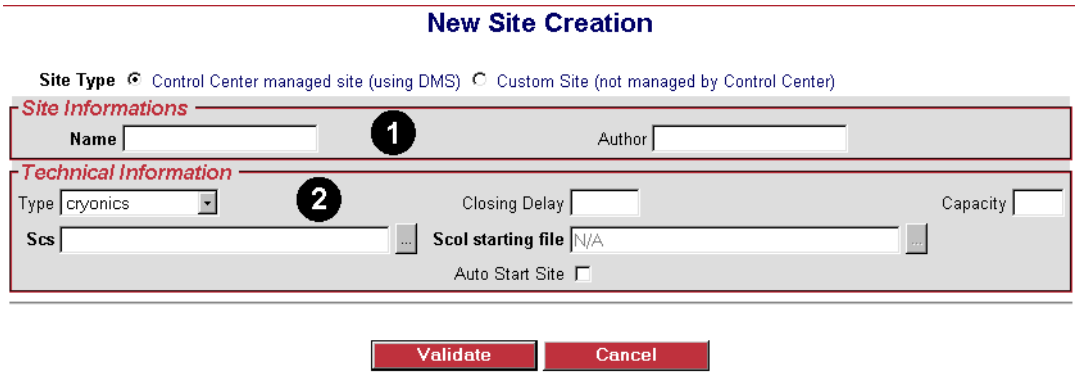
3.3. Buttons

Start Starts the site selected in the server interface.

Stop Stops the site selected in the server interface.

Delete Deletes the selected site from the server interface.

Add Adds a site to the list of sites.



❶ User Information

Name: Used to specify the name of the site.

Author: Used to specify the name of the author of the site.

❷ Technical Information

Type: Used to select the type of Cryonetworks application

Closing Timeout: Indicates the period of time before the site is closed

Capacity: indicates the maximum number of concurrent connections

SCS:

Click the following button [...] to display the SCS startup file selection interface (creating a new site):

The tree structure of the remote server is displayed.

The depth of the tree structure can be configured.

Simply click the directory with the SCS file.

The **Refresh** button updates the files in this directory.

Click **Validate** to save the modifications made.

SCOL Startup File:

Click the following button [...] . An interface identical to that for selecting the SCS file above is used to specify the path to the SCOL startup file.

Automatic Startup: If this box is checked, the site starts automatically on the server

4. CONTROL CENTRE

4.1. Introduction

This section of the administration interface is used to configure the Control Centre.

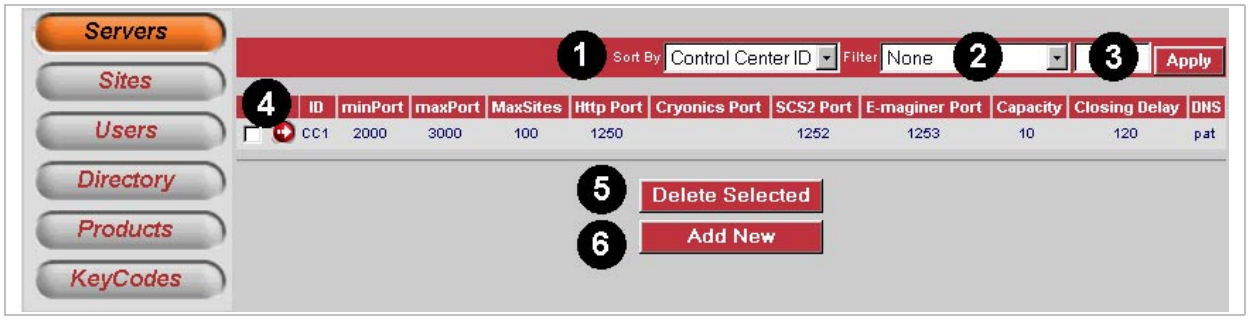
For full information about the Control Centre, refer to the section of the documentation that covers this topic.

It includes a vertical menu of buttons and a display area on the interface specific to each button.

The 6 buttons are:

- Servers
- Sites
- Users
- Directory
- Products
- KeyCodes

4.2. Servers



❶ **Sort by** Used to display information in the interface in a specific sort order:

- Control Centre ID
- Capacity
- DNS Name

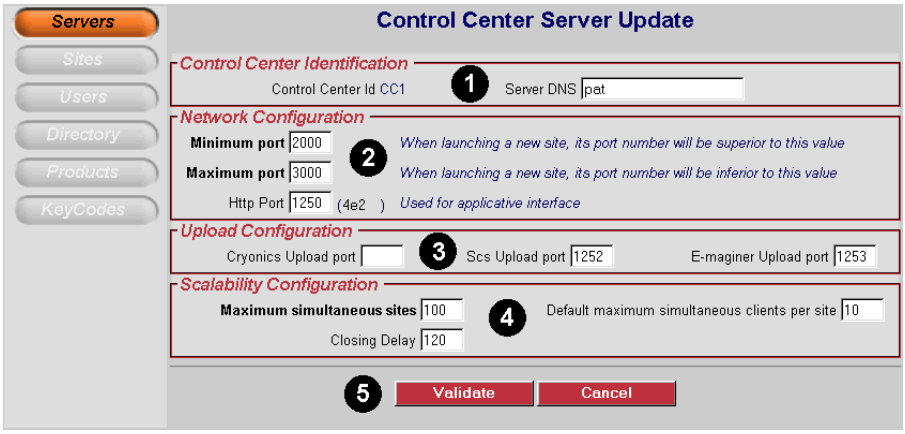
❷ **Filter** Used to display information in the interface based on a specific filter:
- None
- Control Centre ID=
- DNS Name=

❸ **Activate** Field used to specify a value for the filter selected in (❷). Click the **Activate** button to sort.

❹ **Columns**

Select Used to select a Control Centre server.

/modification Used to update the selected Control Centre server:



❶ **Control Centre Identification:**

Used to update the server DNS.

❷ **Network Configuration:**

Used to update the minimum, maximum and http port numbers.

❸ **Upload Configuration:**

Used to specify the ports to be used for uploads on Cryonics, SCS and E-maginer sites.

❹ **Load Configuration:**

Used to specify the maximum number of simultaneous sites, closing timeout and the maximum number of simultaneous clients per site.

ID Indicates the server ID

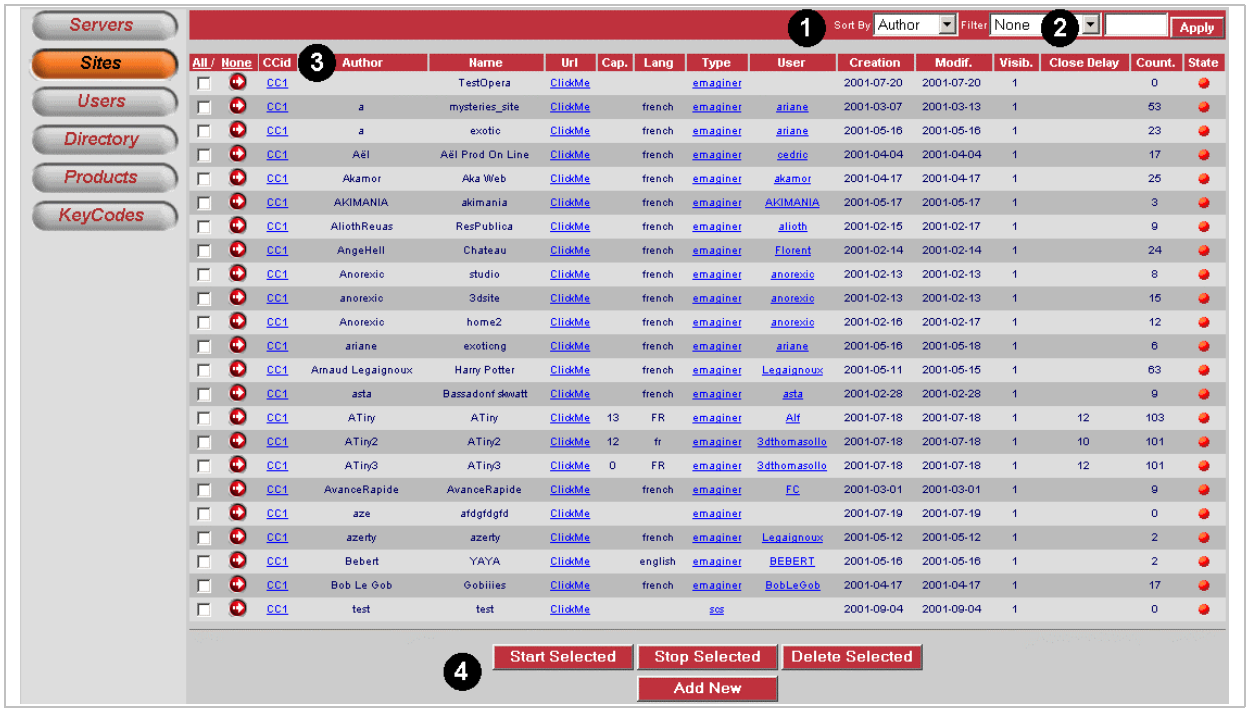
minPort Indicates the lowest port used to access the server

maxPort Indicates the highest port used to access the server

maxSites Indicates the maximum number of sites that can be hosted by the server

Http Port	Indicates the http port used to access the server
Cryonics Port	Indicates the upload port used on a Cryonics site
SCS2 Port	Indicates the upload port used on an SCS2 site
E-maginer Port	Indicates the upload port used on a E-maginer site
Capacity	Indicates the maximum number of concurrent connections
Closing Timeout	Indicates the period of time (in seconds) after which the site is closed.
DNS	Specifies the *Domain Name Server* used.
Delete	Deletes the selected server.
Add	Used to create a new Control Centre server.

4.3. Sites



❶ **Sort by** Used to display information in the interface in a specific sort order:
- Control Centre ID
- Capacity
- Directory
- DNS Name

❷ **Filter** Used to display information in the interface based on a specific filter:
- None
- Control Centre ID=
- Directory=

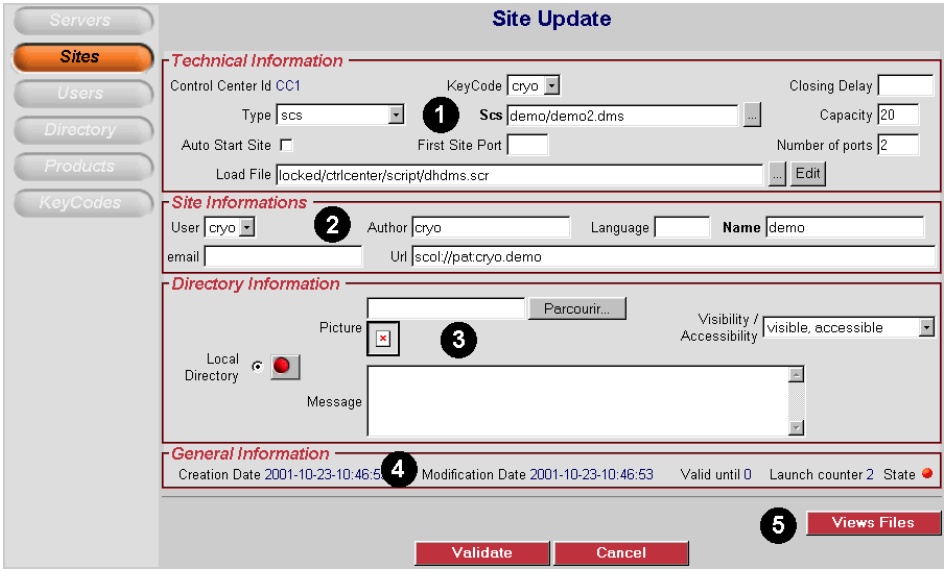
- DNS Name=

Specify a value for the filter selected above in the entry field and click the **Activate** button to sort.

❸ **Column Descriptions**

All/None Used to select or deselect multiple elements.

Used to update the site.



❶ Technical Information

Used to define:

- keyCode
- type of site
- SCS file (opens the SCS file selection window)
- closing timeout
- capacity
- startup
- first port for the site
- number of ports
- loading file (opens the loading file selection window - can be modified)

❷ User Information

Used to define:

- User (to be selected from a drop-down list)
- author
- language
- name
- e-mail
- URL

❸ Directory Information:

Used to define:
- The local directory in a tree structure
- The image that represents the site in the directory
- The site introduction message
- Criteria for site visibility/accessibility in the directory

❹ General Information:

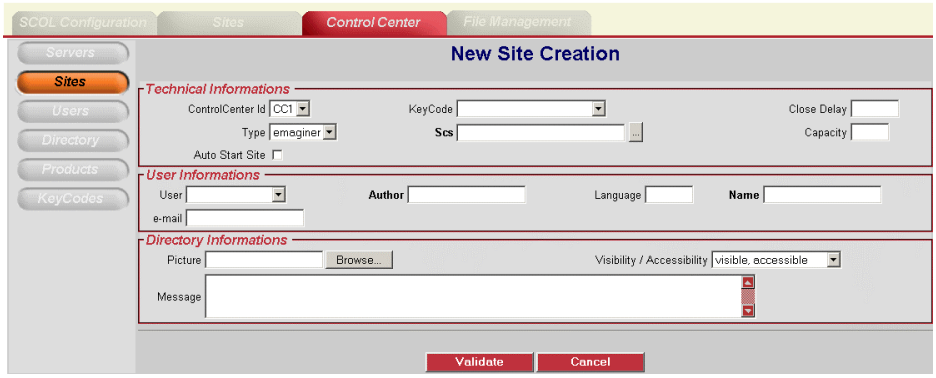
Displays creation and modification dates for the site

❺ See the files: Opens a window for viewing all files on the selected site.

CCid	Control Centre ID: Link to the Update section for a Control Centre server (see paragraphs below)
Author	Indicates the name of the author of the site
Name	Indicates the name of the site
URL	Indicates the URL for accessing the site. A click on the URL launches the site.
Cap.	Indicates the maximum number of concurrent connections
Language	Indicates the language used on the site.
Type	Indicates the type of Cryonetworks application used for the site. A click on the type links to the Update section for product x.
User	Indicates the site user. A click on the user name links to the Update section for user x
Created	Indicates the date on which the site was created
Modif.	Indicates the date on which the site was last modified
Visib.	Indicates whether the site is visible (1) or not (0)
Closing Timeout	Indicates the period of time (in seconds) after which the site is closed
Counter	Indicates the number of connections made
Status	Displays the indicator that shows whether the site is started (green) or stopped (red)

❹

Start	Starts the selected site
Stop	Stops the selected site
Delete	Delete the selected site from the list
Add	Adds a new site to the list.



Used to enter all settings necessary for creating a site.

Technical Information:

- Control Centre ID
- KeyCode
- Closing timeout
- Type
- SCS
- Capacity
- Startup

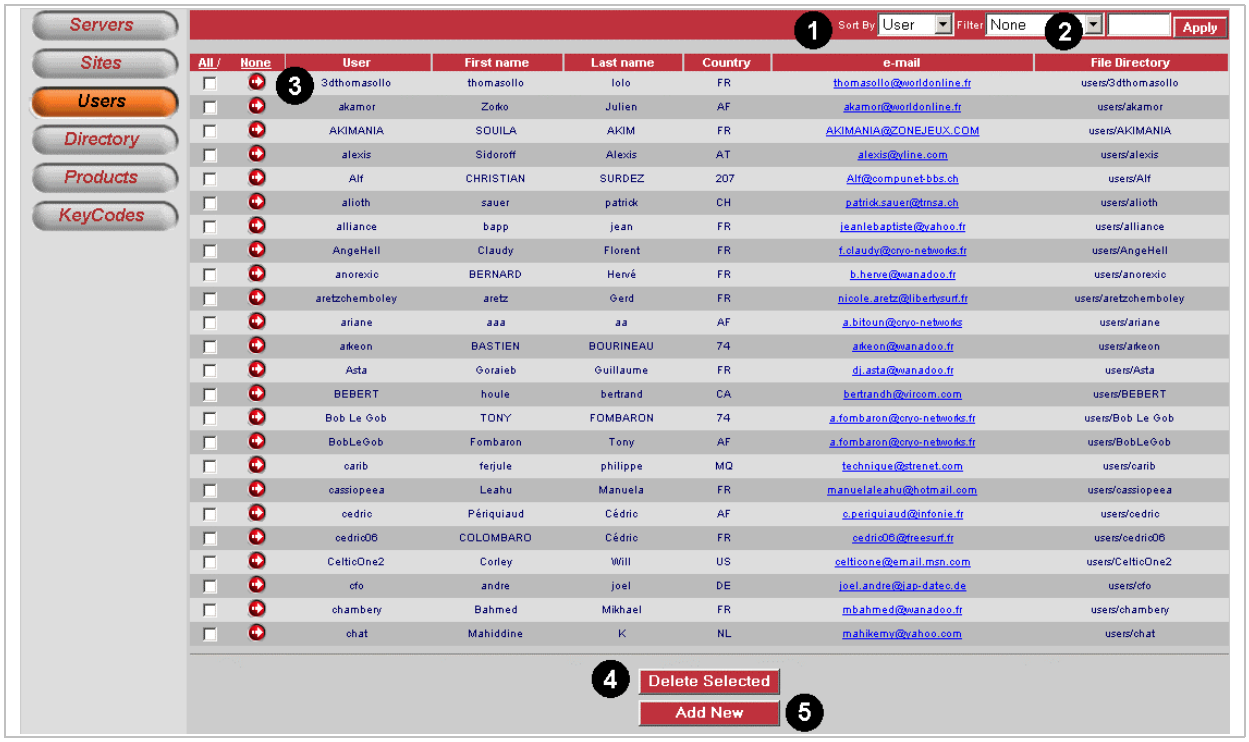
User Information:

- User
- Author
- Language
- Name
- E-mail

Directory Information:

- Image
- Visibility/Accessibility
- Message

4.4. Users



❶ **Sort by**

Used to display information in the interface in a specific sort order:

- Control Centre ID
- Capacity
- Directory
- DNS Name

❷ **Filter**

Used to display information in the interface based on a specific filter:

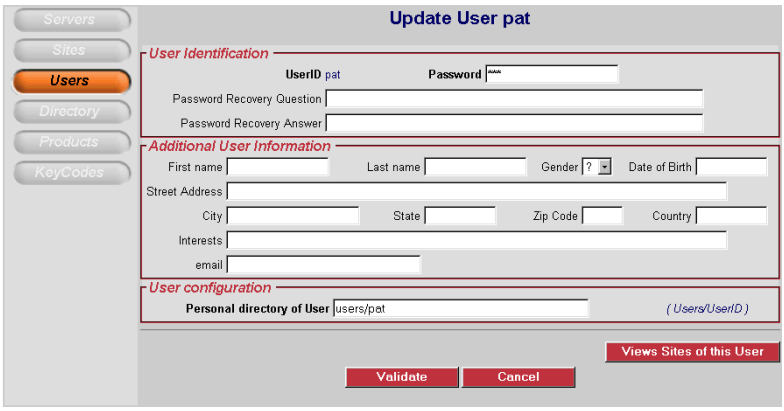
- None
- Control Centre ID=
- Directory=
- DNS Name=

Specify a value for the filter selected above in the entry field and click the **Activate** button to sort.

❸ **Column Explanations**

All/None Used to select or deselect multiple elements

Updates the selected user.



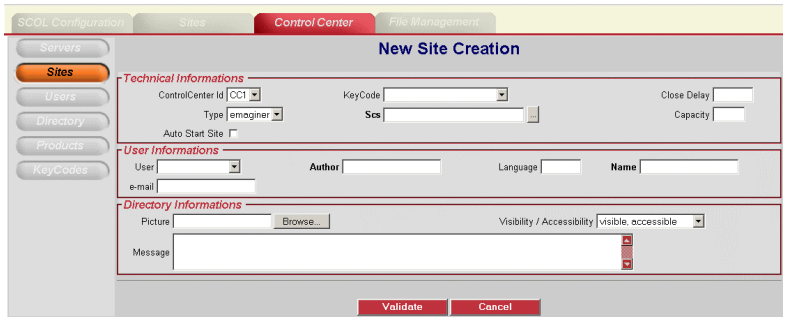
User identification - used to specify:
- Password
- A password question for retrieving the password
- The answer to the password question

Additional user information - to specify:
- First name
- Family name
- Type
- Date of birth
- Street
- City
- State
- Code
- Country
- Interests
- E-mail

User configuration - to specify:
- User's personal directory

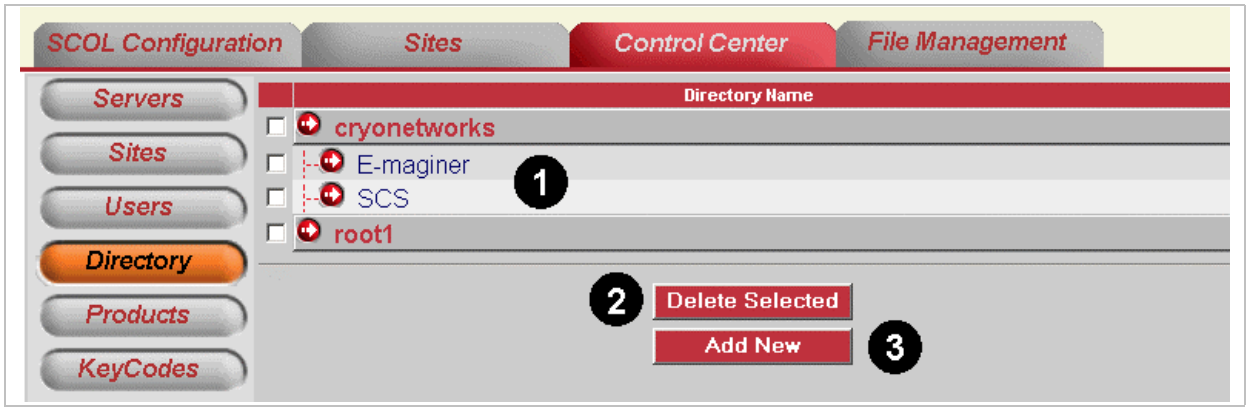
See this user's sites:
- Link to the general sites section

	User	Indicates the user's name (nickname)
	First name	User's first name
	Family name	User's family name
	Country	User's country of origin (international code)
	E-mail	User's e-mail address. A click on this address launches the default e-mail program to send a message to this user.
	Directory	The user's personal directory
❹	**Delete**	Deletes the selected user
❺	**Add**	Adds a new user to the list.



Displays all fields for entering information about a new user.

4.5. Directory



❶ **Directory structure** Click on the desired directory and perform one of the actions described in ❷ and ❸

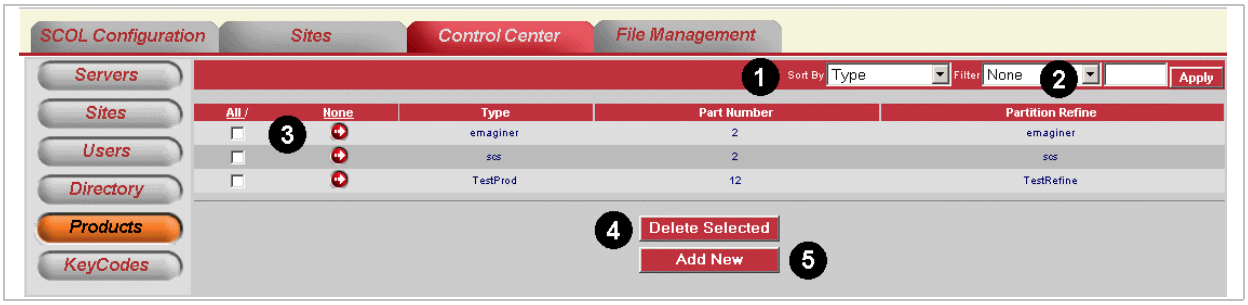
❷ **Delete** Deletes the selected directory from the structure

❸ **Add** Adds a new directory to the structure.

Directory location - used to:

- Create a new root directory
- Create a new directory within the selected directory in the structure by identifying the directory in the Label field for the directory in the *Directory Identification* field.

4.6. Products



❶ **Sort by**

Used to display information in the interface in a specific sort order:

- Control Centre ID
- Capacity
- Directory
- DNS Name

❷ **Filter**

Used to display information in the interface based on a specific filter:

- None
- Control Centre ID=
- Directory=
- DNS Name=

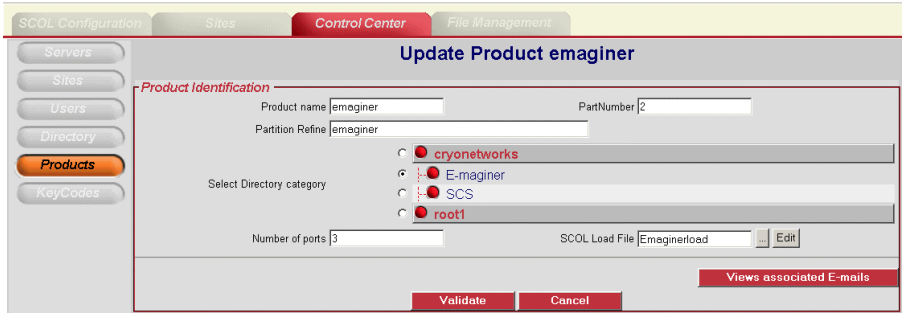
Specify a value for the filter selected above in the entry field and click the **Activate** button to sort.

❸ **Column Explanations**

All/None

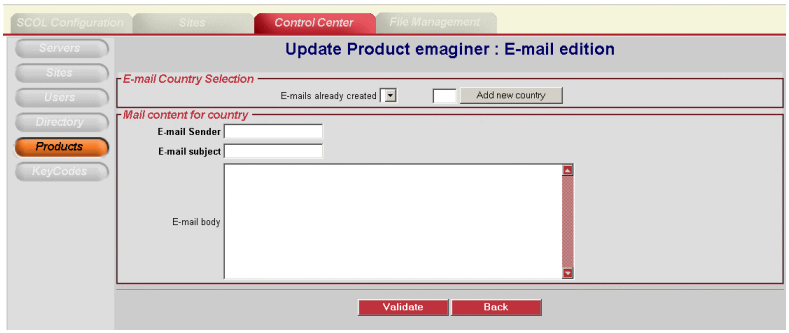
Used to select or deselect multiple files

Used to update a product.



Used to configure product identification.

- Name of the product
- Part number
- Partition restriction
- Directory category
- Number of ports
- SCOL loading file
- See product-related e-mail messages.



Used to create a specific e-mail style for a country.

Type Indicates the type of software associated with the site(s)

Part Number Indicates the P/N (part number) code for the product

Partition Restriction Indicates the directory in the SCOL partition in which modifications can be made

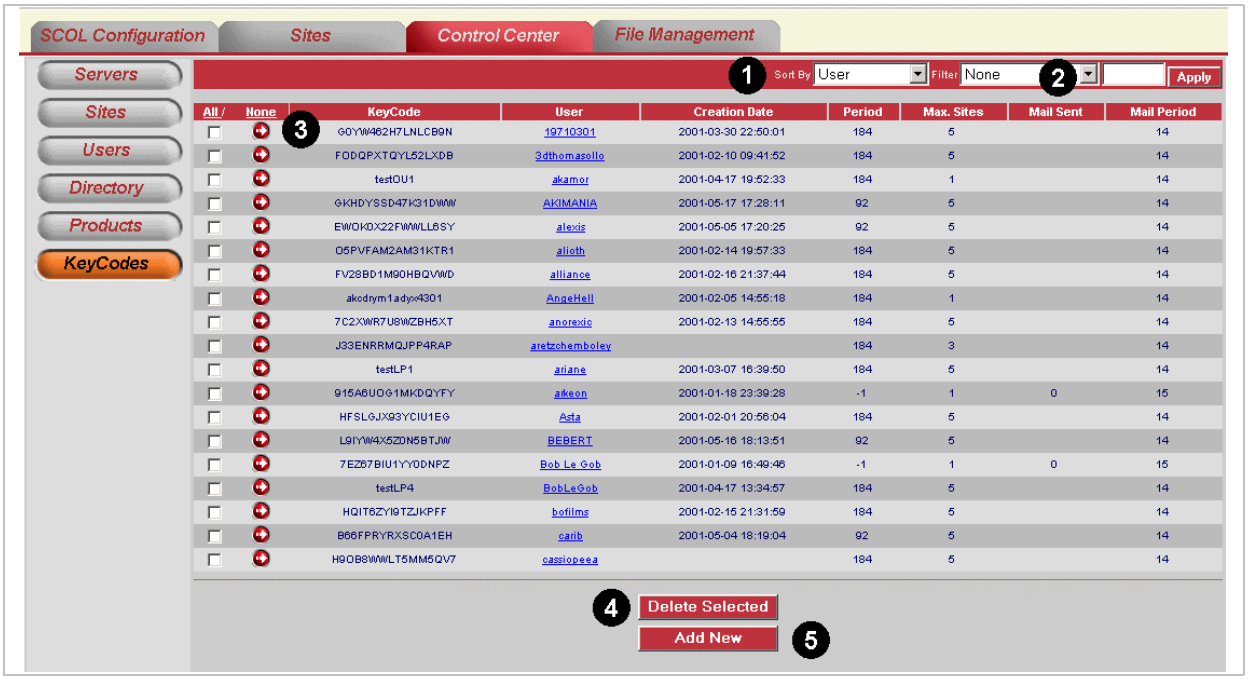
❹ **Delete** Deletes the selected product from the list

❺ **Add** Adds a new product to the list.

Used to specify the settings for a new product.

- Name of the product
- Part number
- Partition restriction
- Directory category
- Number of ports
- Loading file

4.7. KeyCodes



❶ **Sort by**

Used to display information in the interface in a specific sort order:

- Control Centre ID
- Capacity
- Directory
- DNS Name

❷ **Filter**

Used to display information in the interface based on a specific filter:

- None
- Control Centre ID=
- Directory=
- DNS Name=

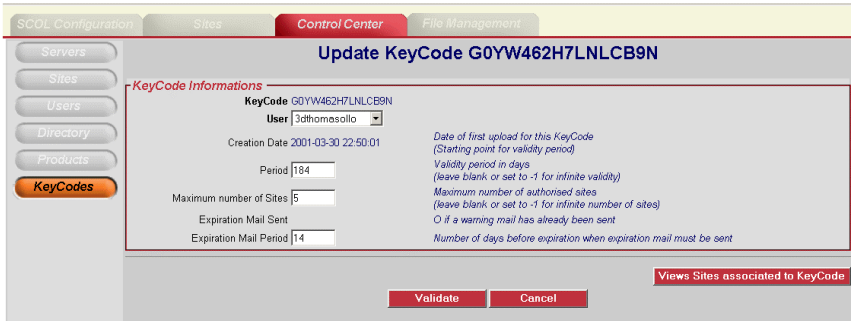
Specify a value for the filter selected above in the entry field and click the **Activate** button to sort.

❸ **Column Explanations**

All/None Used to select or deselect multiple files

KeyCode Indicates the keyCode

Used to update the selected keyCode.



Used to update the selected keyCode by specifying:

- The user to which it is associated
- The period
- The maximum number of sites

The mail expiry period

User Indicates the user's name (nickname). A click on the user name links to the Update section for the user

Date Created Indicates the date on which the keyCode was created

Period Indicates the validity period (in days) for the keyCode

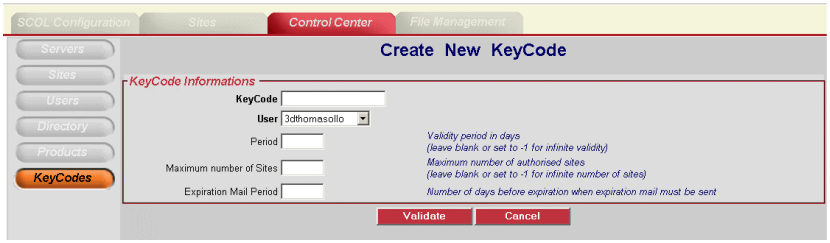
Max.Sites Indicates the maximum number of sites that can be managed with the keyCode

Mail Sent Indicates whether the expiry e-mail message has been sent to the user

Mail Send Period Indicates the number of days left before the expiry e-mail message is sent to the user

❹ **Delete** Deletes the selected KeyCode(s) from the list

❺ **Add** Adds a new KeyCode to the list.



Used to create a new keyCode by specifying:

- KeyCode
- The user to which it is associated
- The period
- The maximum number of sites
- The mail expiry period

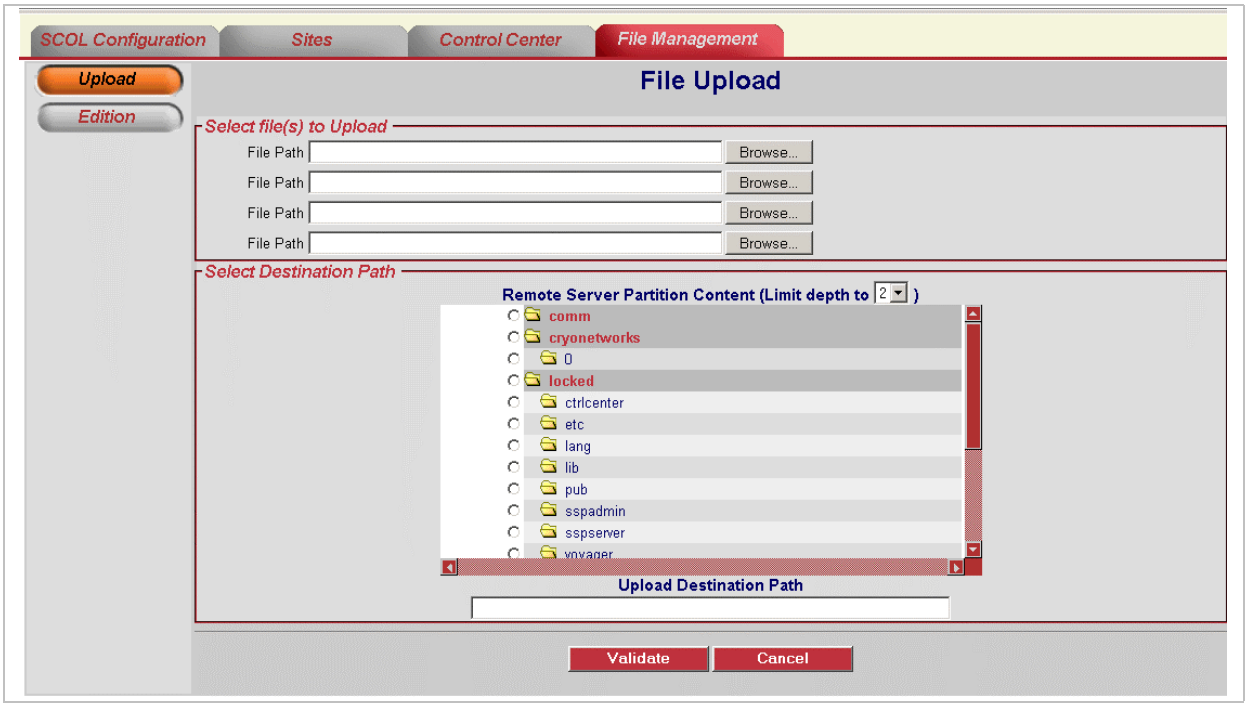
5. FILE MANAGEMENT

5.1. Introduction

The purpose of this part of the administration console is to "upload" files to the server.

This makes it easy for the user to publish files on the server and update remotely.

5.2. Upload

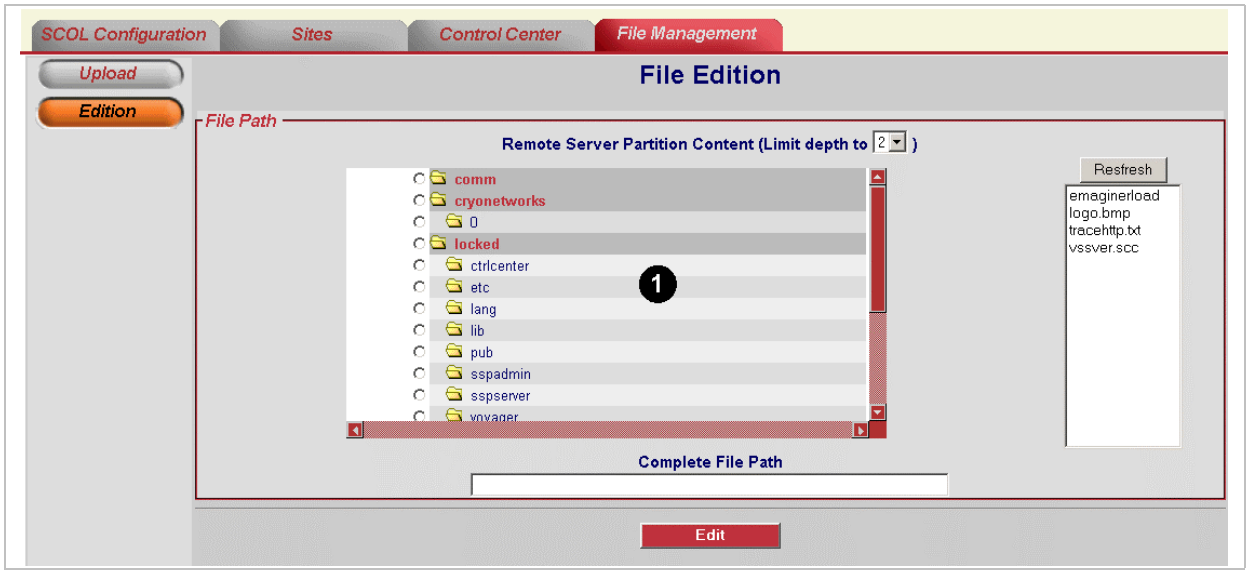


❶ **Select the files to be uploaded** — Used to select up to 4 files locally for uploading

❷ **Select the target directory** — Used to indicate the directory to which files will be uploaded

Click the **Validate** button to upload the files.

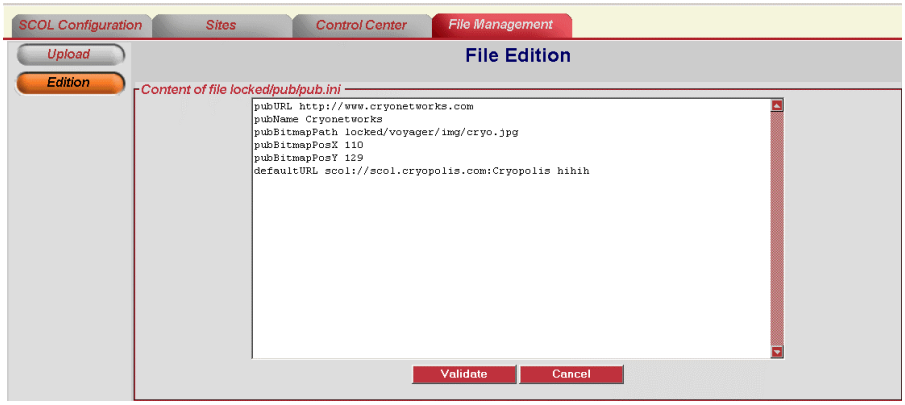
5.3. Editing



❶ File Path

Used to select the remote directory in which the file to be edited is stored. A list of files in the directory is displayed on the right and can be updated by clicking the **Refresh button**

Next, click on the file to be edited in the list on the right and click Edit. The file is displayed in an editing interface.



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