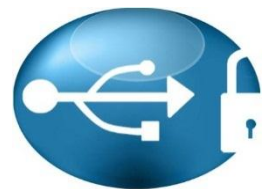


User Guide

March, 2011



AccessPatrol

Version 4.1

Endpoint Security Tool

AccessPatrol User Guide - Table of Contents

1.0 Introduction to AccessPatrol	3
1.1 CurrentWare Components	5
1.2 System Requirements	6
1.3 Installing the CurrentWare Server, Console and Solutions	7
1.4 Installing the CurrentWare Clients	9
1.4.1 Local CurrentWare Client Install	9
1.4.2 Remote Client Install	10
1.4.3 Deploy CurrentWare Client by Command Line	11
1.4.4 Deploy CurrentWare Client with a Third-Party Software Delivery Tool	12
1.5 Upgrading the CurrentWare Clients	13
1.5.1 Automatic Upgrade of the CurrentWare Clients	13
1.5.1 Manual Upgrade of the CurrentWare Clients	13
1.6 Terminal Server Setup	14
1.61 BrowseControl and Terminal Server	14
1.62 BrowseReporter and Terminal Server	14
2.0 CurrentWare Console Overview	15
2.1 Client and Group Management	16
2.2 Redirect Clients	17
2.3 Client Settings	18
2.4 Operators	19
2.5 Import Users	20
2.6 Options	21
2.7 Log Out	23
3.0 Overview of AccessPatrol Functions	24
4.0 Controlling Device Access	25
4.1 Access Permissions	25
4.2 Device Scheduler	26
4.3 Allowed List	27
5.0 AccessPatrol Client Settings	29
6.0 CurrentWare Server Manager	30
6.1 Changing the CurrentWare Client and Console Port	30
6.2 Stopping the CurrentWare Server Service	31
6.3 Compress the CurrentWare Database	31
6.4 Archive and Restore the CurrentWare Database	31
7.0 CurrentWare and Terminal Server	33

8.0 Licensing	34
15.1 Register your Permanent License key	34
9.2 License Management.....	35
Managing your CurrentWare Licenses.....	35
9.3 Managing your Terminal Server Licenses	36
Applying your Terminal Server Licenses.....	36
10.0 Uninstall CurrentWare Server, Console and Solutions	38
16.1 Uninstalling the CurrentWare Solutions	38
16.2 Uninstalling the CurrentWare Server and Console.....	38
11.0 Uninstall CurrentWare Client.....	39
12.1 Uninstall CurrentWare Client from the Console.....	39
12.2 Uninstall CurrentWare Client on the workstation by command line	40
12.3 Uninstall CurrentWare Client on the workstation from the Client Configuration Window.....	40
13.0 Technical Support.....	41
14.0 Contacts.....	42
EUROPE	42
USA.....	42
CANADA.....	42
ASIA.....	42
OTHER COUNTRIES.....	42

1.0 Introduction to AccessPatrol

AccessPatrol is an easy-to-use Endpoint Security and Power Management tool.

AccessPatrol Device Security

With the influx of portable storage devices and removable media, data theft is becoming an increasing threat to organizations. Devices such as USBs, Wi Fi, FireWire, Bluetooth, iPods, MP3s connect seamlessly to company networks, without IT administrators having any knowledge that their company data is being exposed.

Portable devices also provide an easy entryway for infecting systems with viruses or malicious software, thus compromising an organization's network.

Banning these devices in the workplace/schools is becoming increasingly difficult to monitor. As a result, more and more companies are resorting to tools that can prevent users from implementing these devices to their workstations.

Currentware's endpoint security solution, AccessPatrol, provides a comprehensive solution for securing company devices to minimize unauthorized access to proprietary information.

AccessPatrol Power Management

Another challenge facing organizations is the unnecessary wastage of energy when workstations are left running after hours. With rising energy costs, administrators are turning to more effective solutions for managing energy consumption in the workplace.

AccessPatrol provides an effective method for power management. With a simple click of the mouse, computers can be remotely shutdown or booted. This function can also be scheduled to force a shutdown of the PCs at a specific time, e.g. after work hours, or schedule a boot of the PCs at the beginning of a work day.

1.1 CurrentWare Components

There are four primary components in the CurrentWare Console

CurrentWare Server

This component includes a server Service and database. It houses all the data for the configuration and settings. The CurrentWare Server is the central hub for the CurrentWare Consoles and the CurrentWare Clients to connect to. A Firebird database is used for the data storage.

CurrentWare Console

This component is the management console that the administrator uses to control the functionalities of the CurrentWare Solutions. The administrator will be able to see the connection status of their CurrentWare Clients within the CurrentWare Console.

Multiple consoles can be installed on the same network. Multiple authentications can be assigned to different users to allow or restrict the full functionality of the console.

Note: the CurrentWare Server and the Console components are commonly installed on the same computer. Additional CurrentWare Consoles may be installed on other administrators' computers.

CurrentWare Solutions

This component contains different functionalities based on the solution that you are installing. After the installation of a CurrentWare solution, the solution's functions will be embedded on the right hand side of the CurrentWare Console.

- **BrowseControl:** Internet Management
- **BrowseReporter:** Internet Tracking and Reporting
- **enPower Manager:** Power Management
- **AccessPatrol:** Endpoint Security Tool

CurrentWare Client

This component is to be installed on all computers that need to be managed by the CurrentWare Console. The CurrentWare Clients establish communication to the CurrentWare Server. The client is password protected and runs in stealth mode.

1.2 System Requirements

Hardware Requirement

All components of the CurrentWare Console are supported on desktop computers and server computers with the following specifications.

- **Processor:** Any CPU running faster than Pentium II
- **Memory:** At least 128MB of RAM
- **Disk Space:** At least 100MB of disk space

Software Requirement

All components of the CurrentWare Console are compatible with the following Operating Systems

- **Windows XP Professional***
- **Windows Vista Professional***
- **Windows 7 Professional and Ultimate***
- **Windows Server 2008****

* Support for 32-bit.

** Support Windows Terminal Server

1.3 Installing the CurrentWare Server, Console and Solutions

Follow the instructions below to install the CurrentWare Server, Console and Solutions on your network.

Before you begin your installation:

- Installation of all components must be done with an admin user account.
- The Server and Console components may be installed on the same computer.

1. Download the Setup Files

Download the CurrentWare setup files from our website:

<http://www.CurrentWare.com>. Remember to also download the setup file for the CurrentWare solutions (BrowseControl, BrowseReporter, enPowerManager and AccessPatrol) that you want to install.

2. Select a Computer to install the CurrentWare Server and Console

3. Install the CurrentWare Server and Console

1. Unzip the setup file that you downloaded from our website and run the **currentware.exe** to initiate the CurrentWare Console Installation Wizard.
2. Proceed to accept the **License Agreement**.
3. Put in your **User Information** (Full Name and Organization name) and select the software usage for “Anyone who uses this computer” or “Only for me”
4. Now, select the **CurrentWare Components** that you want to install. For first time installation, click next. The install wizard will automatically select the CurrentWare Console and Server to be installed on your computer.
5. Type in the computer name (or IP address) of your CurrentWare Server. For first time installation, click next. The install wizard will automatically type in your Computer name.

6. The Installer will now proceed to install the CurrentWare Server and Console on your computer.

4. Install the Currentware Solutions

Once your CurrentWare Server and Console are installed, you can proceed to install the CurrentWare Solutions by running the appropriate setup file below (You have to download the CurrentWare Solutions setup file from our website):

- **BrowseControl:** run *BrowseControl.msi*
- **BrowseReporter:** run *BrowseReporter.msi*
- **enPowerManager:** run *enPowerManager.msi*
- **AccessPatrol:** run *AccessPatrol.msi*

1.4 Installing the CurrentWare Clients

Follow the instructions below to install the CurrentWare clients on the computers you want to manage. After a successful installation of the CurrentWare Clients, they will connect to your CurrentWare Server and automatically show up on your CurrentWare Console.

Before you begin your installation:

- Installation of all components must be done with an admin user account.
- To successfully deploy the CurrentWare Client using the **Remote Client Install utility**, please temporarily disable the Windows Firewall on the client computers and disable Windows Simple File Sharing.

There are four ways to deploy the CurrentWare Clients to your workstations.

1. **Local CurrentWare Client Install:** run the *cwClient.msi* file on all the computers you want to manage.
2. **Remote Client Install:** use the built-in *Remote Client Install* tool on the CurrentWare Console to push the CurrentWare Client install to the computers.
3. **Deploy the CurrentWare Client by Command Line:** create a batch file that will install the CurrentWare Client. Run the batch file through *Active Directory* or *Login Script*.
4. **Deploy the CurrentWare Client with a Third-Party Software Delivery Tools:** use third-party software to deploy the *cwClient.msi* file.

1.4.1 Local CurrentWare Client Install

This is the most standard method of installing the CurrentWare Client. Run the *cwClient.msi* file on each computer you want to manage.

The *cwClient.msi* file can be found on the computer that you have installed the CurrentWare Server. This set up file is stored under:

CurrentWare Client Setup File:

C:\Program Files\CurrentWare\cwClient\cwClient.msi

When you run the *cwClient.msi* on your managed computers, you will need to fill in the following information.

1. Computer Name or IP Address of the CurrentWare Server

Put in the Computer Name or IP address of the CurrentWare Server that you want the client to connect to. Ensure that the managed workstations can establish connections to the CurrentWare Server.

2. CurrentWare Client Password (Optional)

The CurrentWare Client password is used to configure the CurrentWare Client settings. If you do not put in a custom CurrentWare Client password, then the default password is “Admin” (without the quote; case sensitive).

Upon the completion of your CurrentWare Client installation, it will automatically connect to your CurrentWare Console.

1.4.2 Remote Client Install

Before you begin your installation:

- On computers running Windows Vista, Windows 7 and Windows 2008, please disable UAC (User Account Control) before running the Remote Client Install.

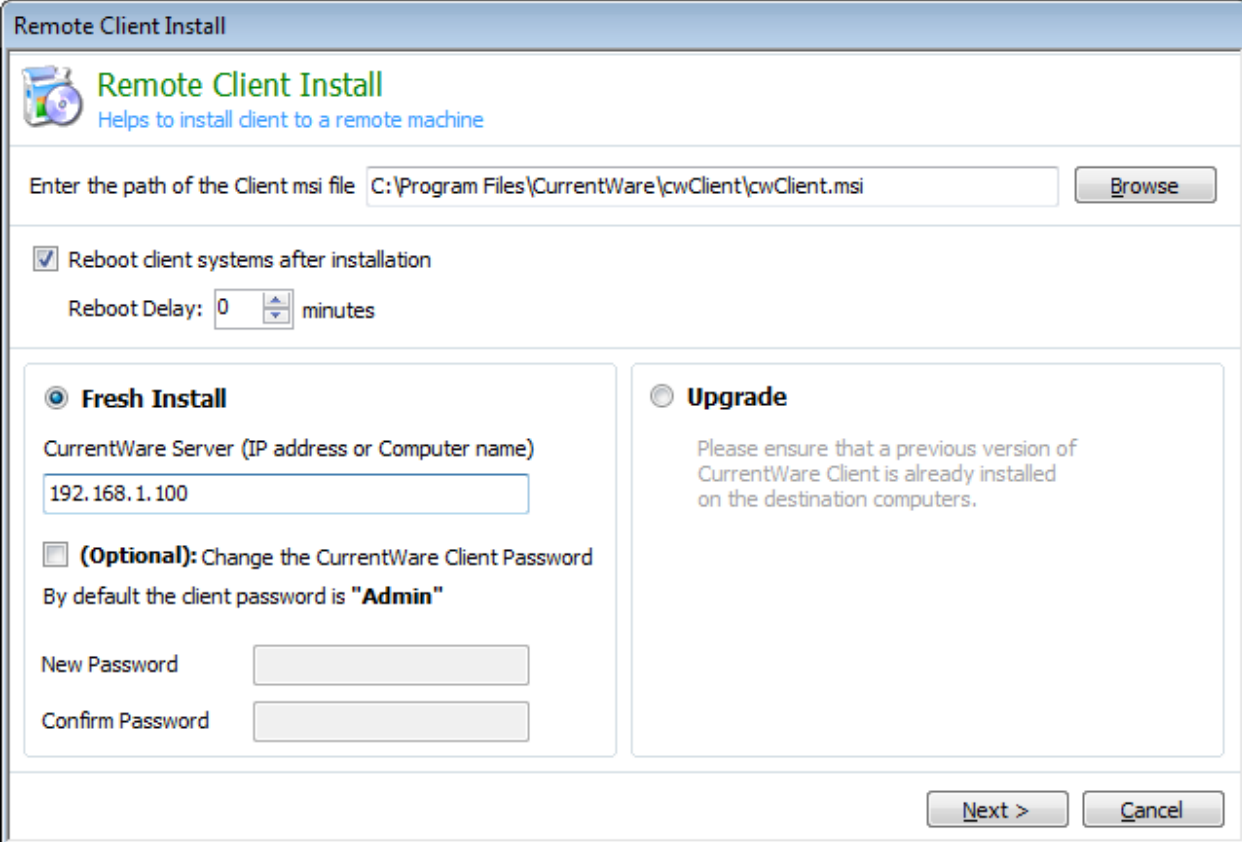
CurrentWare Clients can be remotely installed from the Console. The remote installer can be found on the console under the menu **Install > Client > Remote Client Install**.

1. Browse for the path of the CurrentWare Client setup file, cwClient.msi, on your computer. By default this file is located in the following folder on the server computer:

C:\Program Files\CurrentWare\cwClient\cwClient.msi

2. Select the option to enable or disable **reboot** after the installation (the recommended option is to enable reboot).
3. Select the appropriate Install option: **Fresh Install** or **Upgrade**.
4. Enter the **Computer name or IP address** of the CurrentWare Server.
5. (Optional): Change the **CurrentWare Client password**.
6. Select the computers you want to install the CurrentWare Client on:

- a. You can enter the IP address manually, or
 - b. Click on the Search button to allow CurrentWare to look for the computers on your network, or
 - c. Import from a text file that contains a list of your computers' names or IP addresses.
7. Enter the username and password of an account that has administrative rights to the computers you are installing to
 - a. If you are a domain admin, put in the username in the format of **Domain\Administrator**
8. The CurrentWare Client will now be deployed to the designated computers.



The First screen of the Remote Client Install Window

1.4.3 Deploy CurrentWare Client by Command Line

The CurrentWare client file can be deployed through a single command line. Below is a list of switches you can along with the command line to deploy the CurrentWare client with the configurations of your choice.

```
e:\cwClient.msi ALLUSERS=1 USERPARAMS="-p Admin -ds
192.168.1.100 -rp test -sp test" /qn /l e:\install.log
```

Switches:

-p Required parameter (password is Admin)
-ds CurrentWare Server IP address or Computer name
-rp New Password (Optional)
-sp Confirm Password (Optional)
/qn Quiet Install
/l Create a log file during the install. Specify the location and name of the log file.

In the above example, the network drive is assigned with the letter e:\. The CurrentWare Client set up file is stored on the network drive and the install log file will be created on the network drive after the installation.

1.4.4 Deploy CurrentWare Client with a Third-Party Software Delivery Tool

The CurrentWare Client is packaged as a MSI file. You can use your company's system deployment tools to deploy the CurrentWare client to your workstations.

Deploy by customizing the cwClient.MSI file

You can take the existing cwClient.msi file and customize it with the proper CurrentWare Server Computer name and other parameters before you deploy the file.

Use a MSI editor (for example, the Orca MSI editor) and modify the following table within the cwClient.MSI file:

Table	Property	Value
Property	USERPARAMS	"-p Admin -ds 192.168.1.100 "

Change the IP address in the value field to the IP address of your CurrentWare Server.

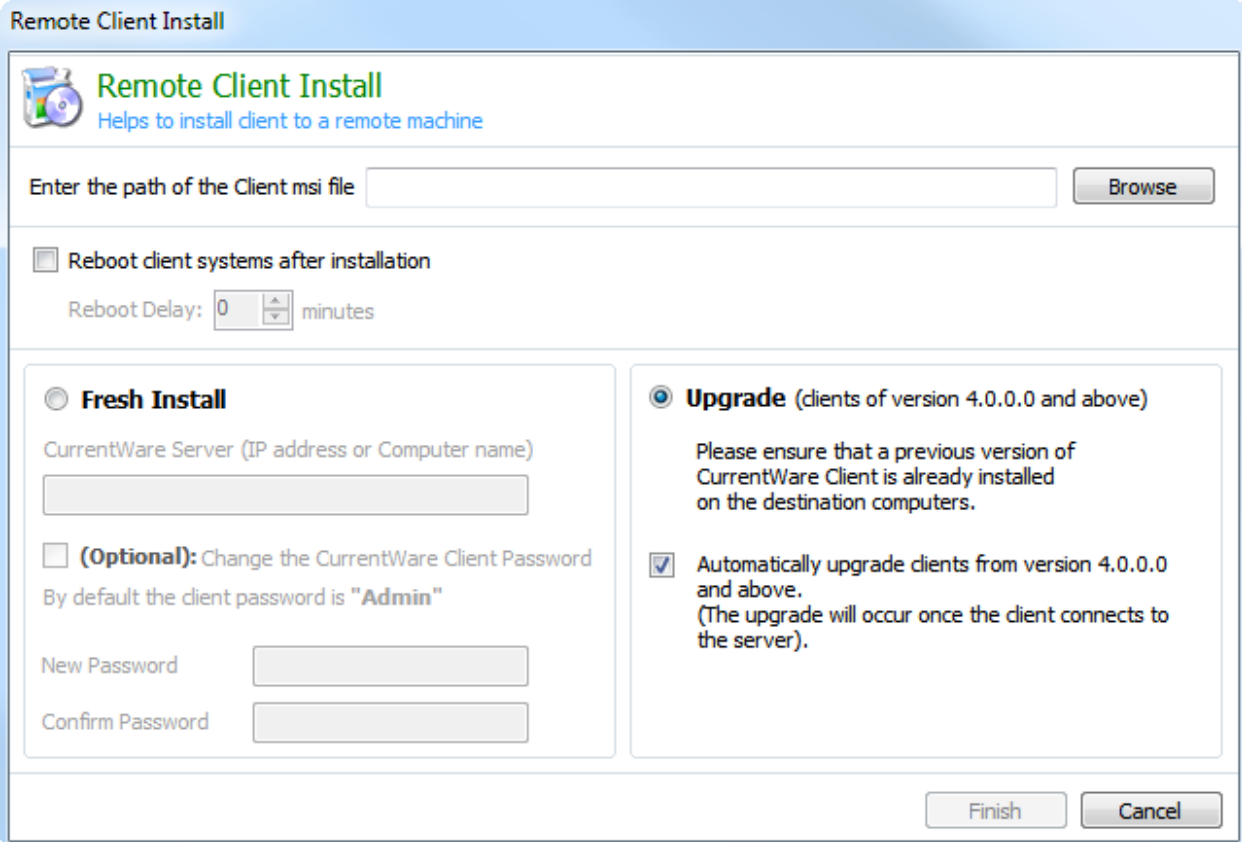
1.5 Upgrading the CurrentWare Clients

There are two ways to upgrade the CurrentWare clients in version 4 – Automatic upgrade or Manual upgrade.

1.5.1 Automatic Upgrade of the CurrentWare Clients

The client upgrade process can be automated when you upgrade any version of the CurrentWare client to the latest version.

1. On the CurrentWare Console, go to **Install > Client > Remote Install**
2. Click on the **Upgrade** button
3. Click on the “**Automatically upgrade clients from version 4.0.0.0 and above**” checkbox and the CurrentWare Server will push the update to the clients.



The image shows a screenshot of the 'Remote Client Install' dialog box. The title bar says 'Remote Client Install'. Inside, there's a sub-header 'Remote Client Install' with a help link 'Helps to install client to a remote machine'. Below this is a text field 'Enter the path of the Client msi file' with a 'Browse' button. A checkbox 'Reboot client systems after installation' is present, with a 'Reboot Delay' of 0 minutes. There are two main sections: 'Fresh Install' and 'Upgrade'. The 'Fresh Install' section has a text field for 'CurrentWare Server (IP address or Computer name)', an optional checkbox to 'Change the CurrentWare Client Password' (with a default of 'Admin'), and fields for 'New Password' and 'Confirm Password'. The 'Upgrade' section is selected and contains the text 'Please ensure that a previous version of CurrentWare Client is already installed on the destination computers.' and a checked checkbox 'Automatically upgrade clients from version 4.0.0.0 and above. (The upgrade will occur once the client connects to the server)'. At the bottom are 'Finish' and 'Cancel' buttons.

The Client upgrade is automatic when this option is enabled.

1.5.1 Manual Upgrade of the CurrentWare Clients

The client upgrade method can be done manually by running the cwClient.msi file on each computer that has CurrentWare v4 client installed.

1.6 Terminal Server Setup

The CurrentWare Console is compatible with Windows Terminal Server. The terminal server installation is the same as a normal CurrentWare Console installation.

The following Solutions are compatible with Terminal Server:

- **BrowseControl**
- **BrowseReporter**

1.61 BrowseControl and Terminal Server

In order to view the users on your Terminal Server, you must change your CurrentWare Console from PC mode to User mode.

On the CurrentWare Console, expand the BrowseControl tab on the right hand side. Click on the Mode button. Select User mode and click Apply. You are now using BrowseControl in User Mode.

Once you are in user mode, your Terminal Server users will be listed under the User Mode tab automatically after they log onto the terminal server for the first time.

1.62 BrowseReporter and Terminal Server

BrowseReporter is automatically compatible with Terminal Server without the need of any further configurations.

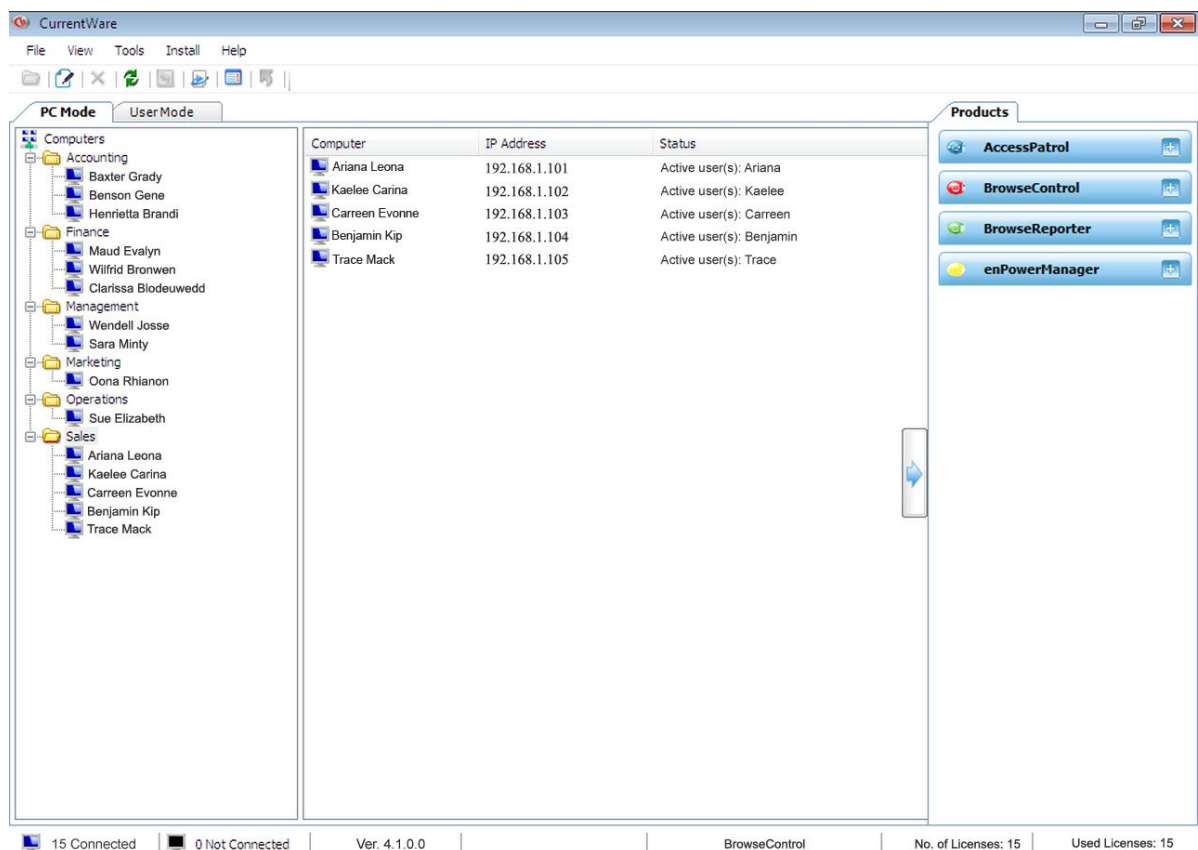
The Terminal Server users will be listed under the User Mode tab automatically after they log onto the terminal server for the first time.

2.0 CurrentWare Console Overview

The CurrentWare Console is the manager that the administrators will use to control the managed workstations.

The CurrentWare Console contains the following functions.

- **Client and Group Management**
- **Redirect Clients**
- **Client Settings**
- **Operators**
- **Import Users**
- **Options**
- **Log Out**



The CurrentWare Console

2.1 Client and Group Management

In computer mode, a connected client is represented by a blue computer icon, while an unconnected client is represented by a grey computer icon. In user mode, an active user is represented by a green user icon, while an inactive user is represented by an orange user icon. For ease of management, the workstations and users can be organized into groups.

Create a New Group

To create a new group, from the menu, select **File > Add New Group**.

Or, right click on the computer pane in the CurrentWare console and select **Add New Group**.

Rename a Group

To rename a group, from the menu, select **File > Rename**

Or, right click on the computer pane in the CurrentWare console and select **Rename**.

Delete a Group

To delete a group, from the menu, select **File > Delete**

Or, right click on the computer pane in the CurrentWare console and select **Delete**.

Move Computers/Users

On the CurrentWare Console, organization of the computers, users and groups can be accomplished by dragging and dropping the selected computer/user into the group. To facilitate the organization of a large number of computers, users or groups, you can use the **Move Computers/Users** function.

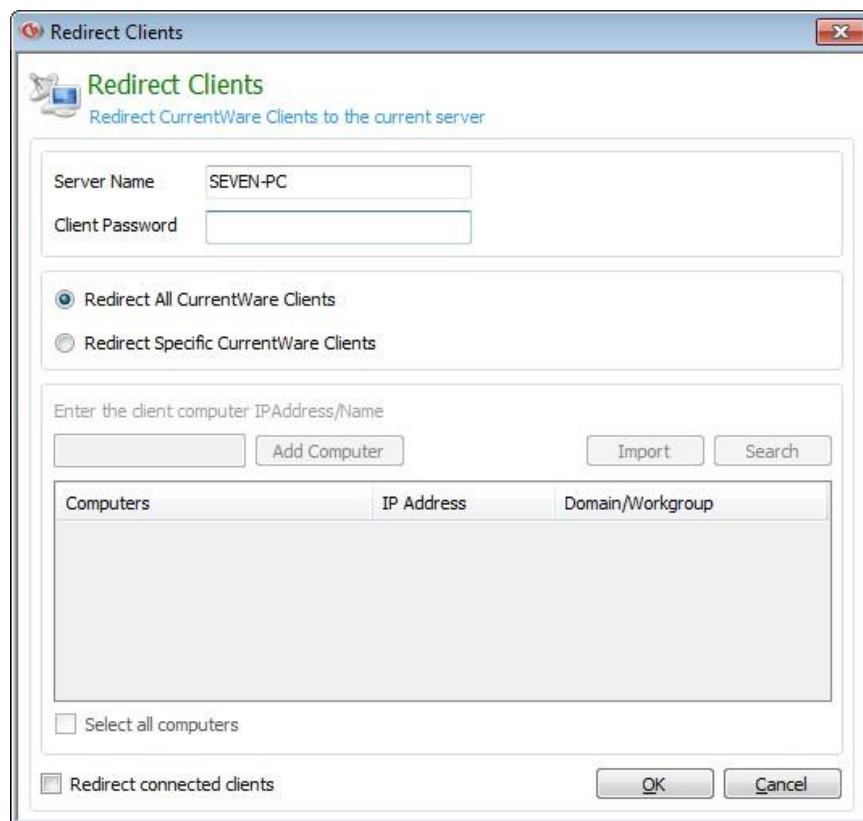
On the CurrentWare Console menu, select **File > Move Computer/Users**. The left hand side contains the source folder and the right hand side contains the destination folder. Select the computer(s) you want to move from the source folder, and then select the destination folder. Click on the >> button to move the computers.

2.2 Redirect Clients

Redirect Clients is usually used when there are more than one CurrentWare Servers installed on your network. It is used to connect the CurrentWare Clients from another CurrentWare Server to the current CurrentWare server. Essentially, the redirect clients tool, transfers the CurrentWare Clients from one server to another.

Scenario: I need to transfer all of my CurrentWare Clients from my old server to the new server.

1. On the new CurrentWare Server, launch the CurrentWare Console and access the menu **Tools > Redirect Clients**.
2. Enter the CurrentWare Client password. The default password is Admin
3. Select Redirect All CurrentWare Clients.
4. Enable the option Redirect connected Client(s)
5. Click on OK
6. After a brief moment, the CurrentWare Clients will start connecting to the new Server.



Redirect CurrentWare Clients that are connected to one CurrentWare Server
to another CurrentWare Server

2.3 Client Settings

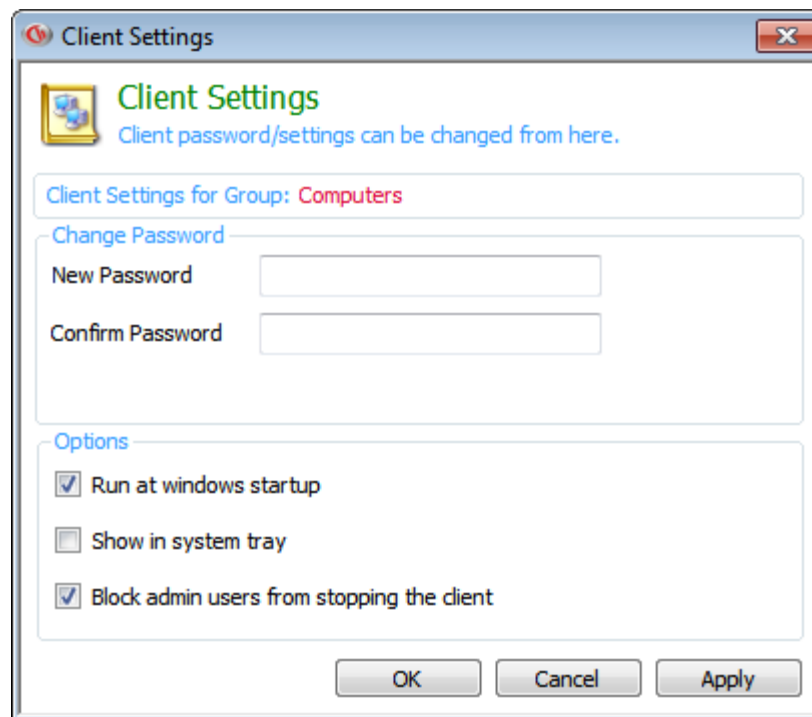
The CurrentWare Client settings can be modified in the CurrentWare Console under **Tools > Client Settings**. You can also right click on a group to find the Client Settings.

Change Password

Put in the new CurrentWare Client password to replace the existing CurrentWare Client password. You will need to use the CurrentWare client password if you want to change the client settings, such as IP address or computer name of the CurrentWare Server or the port that the client use to connect to the CurrentWare Server. By default the case sensitive Client password is **Admin**.

Options

- **Run at Windows Startup:** toggle the option to allow the CurrentWare client service to start every time the workstation boots up.
- **Show in System Tray:** toggle the option to display the CurrentWare icon in the system tray. When this option is enabled, the administrator can double click on the icon, put in the password, to access the CurrentWare Client configuration window.
- **Block admin users from stopping the client:** toggle the option to prevent the users of the workstation to stop the CurrentWare Client service or end the CurrentWare Client process.



CurrentWare Client Settings

2.4 Operators

Operators are used in the CurrentWare Console to assign console permissions to different users. The Operators utility is available on the CurrentWare Console under **Tools > Operators**. There are two types of operators in CurrentWare Console: Administrator and User.

- **Administrator type** has complete control over every computer, group and the solution's functionalities.
- **User type** has limitations defined by the administrator. These limitations include the solution's functionalities and group accesses.

Password Protect the Console

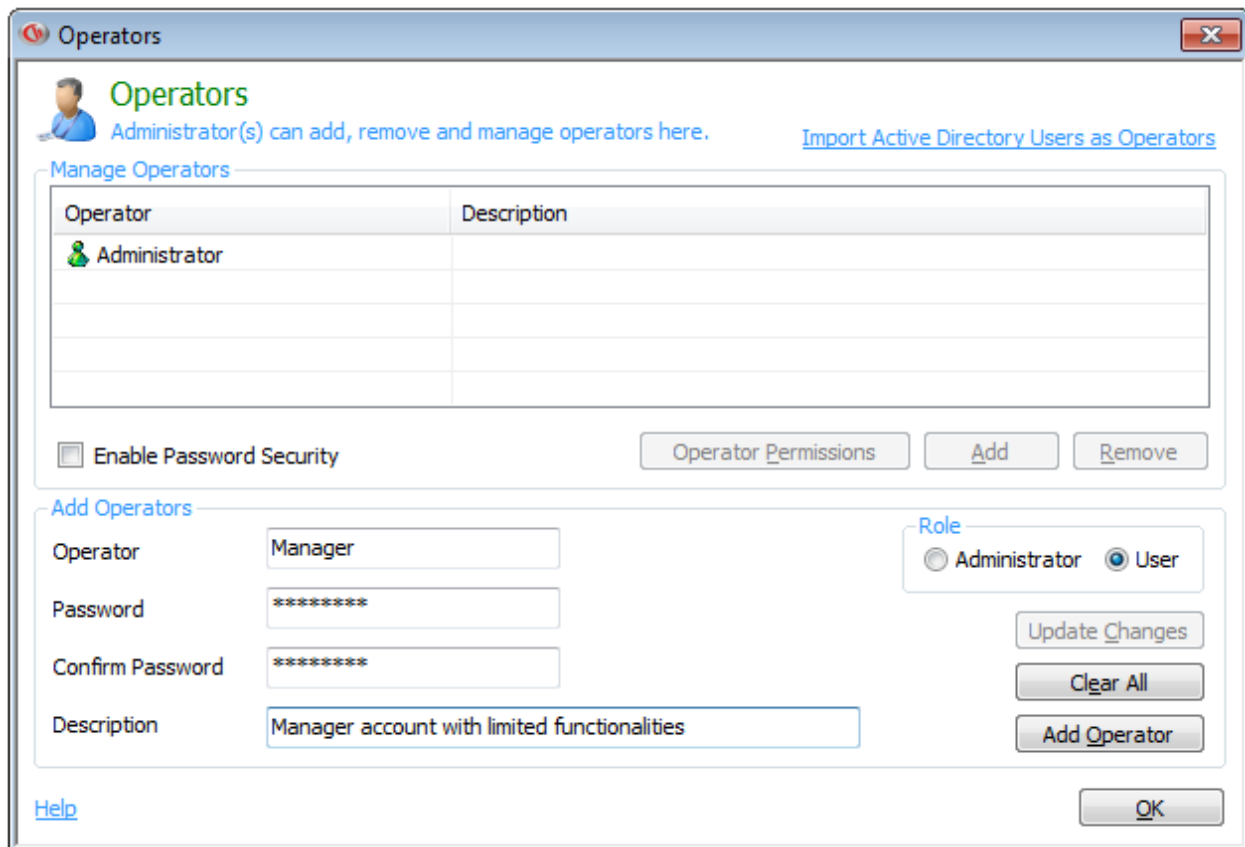
In order to password protect the console, operator accounts need to be created.

Creating an Operator:

1. Launch the CurrentWare Console.
2. On the menu select **Tools > Operators**.
3. Click on the **Add** button.
4. Fill in the name, password and description.
5. Select a role for this operator. While the **Administrator** role has access to all the features of BrowseReporter, the **User** role only has the limited access to the solution's functionalities.
6. Click **OK** to create a new operator.

Enable Password Protected CurrentWare Console

1. Create an operator with the step above.
2. Check the option **Enable Password Security**.
3. Log out of the CurrentWare Console.
4. The next time you log into the CurrentWare Console, you will be prompted for a username and password.

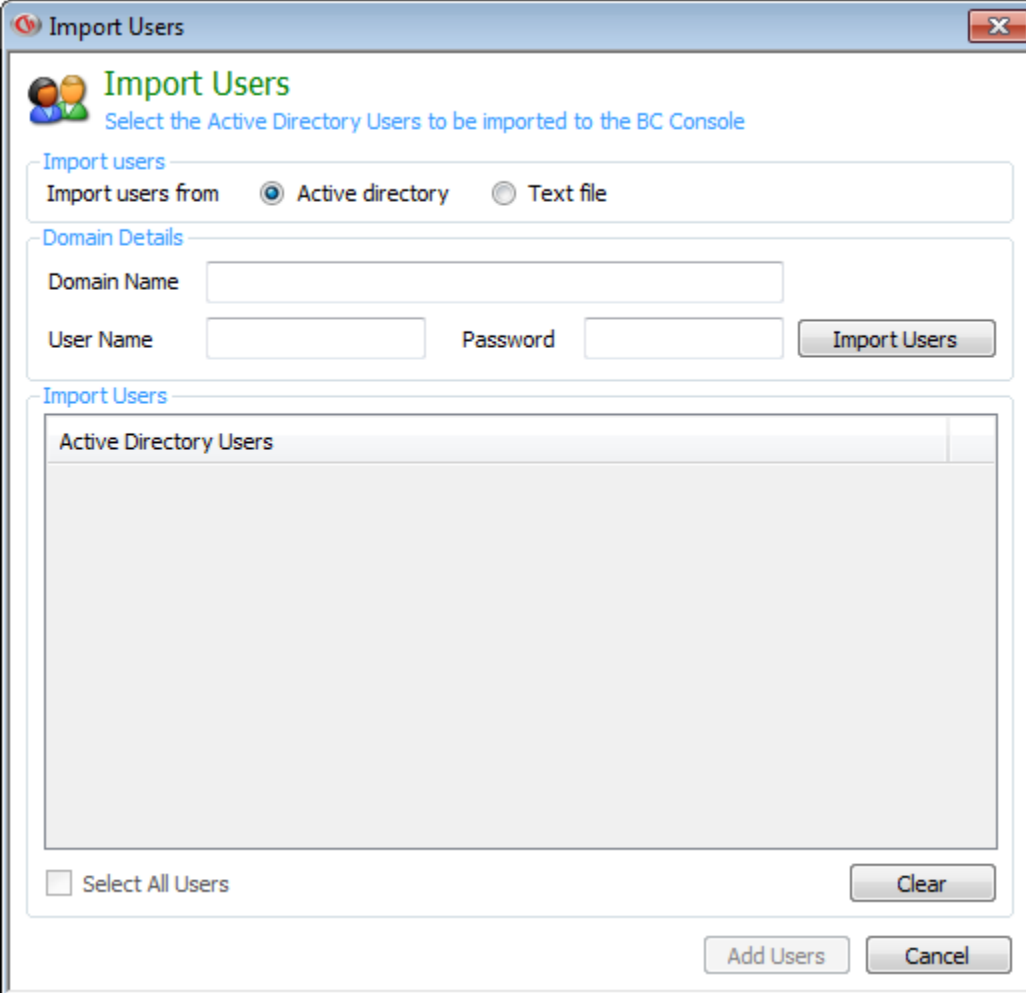


Administrators have unlimited control. Users have limited controls

2.5 Import Users

The Import users function will import your existing Windows users from your Active Directory domain into the CurrentWare Console.

1. In order to import users, your CurrentWare Console must be in User Mode. Click on the tab called "User Mode" below the toolbar on the left hand side to activate User Mode.
2. Click on **Tools > Import Users**
3. Select to Import from **Active Directory** or from a **Text File**
4. Enter the **Domain administrator** credential (Domain name, user name and password) and click on the Import Users button.
5. A list of your Active Directory Users will be populated in the window.
6. Select specific users you want to add to the CurrentWare Console or click on the checkbox **Select All Users**.
7. Click **Add Users** to add the selected users to the Console.



Import Windows Users from Active Directory

NOTE: When you import users from Active Directory to the CurrentWare Console as operators, the operator name will be the same as the username on active directory. However, the passwords cannot be retrieved directly from the Microsoft Active Directory for security purposes. The new password for each operator is the username in lowercases. For example, if your Active Directory username is John, your CurrentWare operator password will be john.

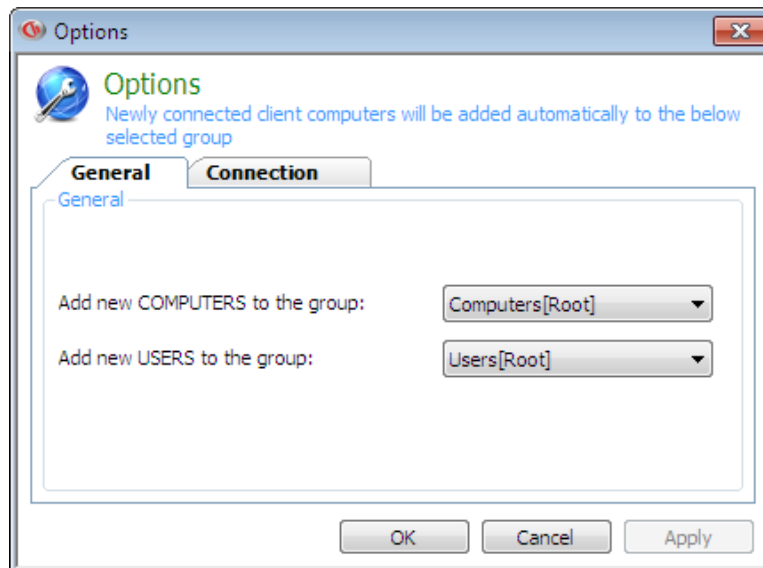
2.6 Options

Details of the Console port and newly connected client management are available on the CurrentWare Console under **Tools > Options**

General

Add new Computers to the group: define the group that a new computer will automatically be assigned to once it connects to the CurrentWare Server for the first time.

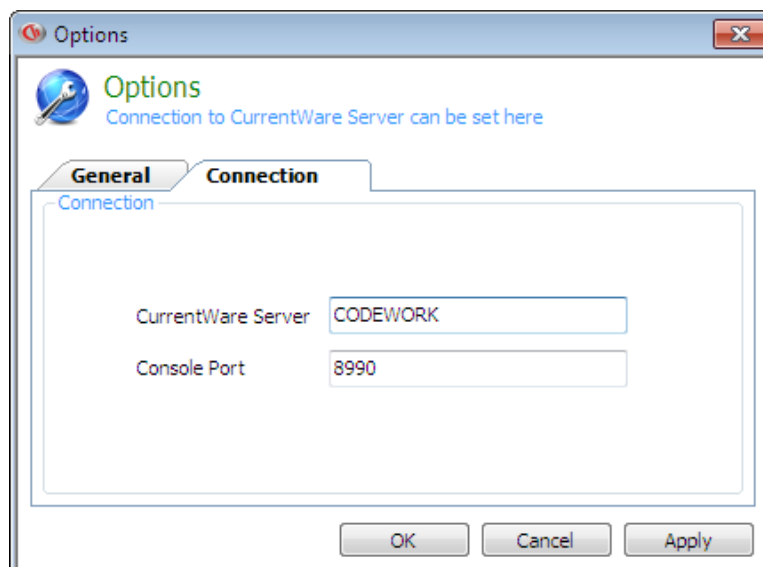
Add new Users to the group: define the group that a new user will automatically be assigned to once it is populated to the CurrentWare Server for the first time.



Connection

CurrentWare Server: the computer name or the IP address of the CurrentWare Server that the CurrentWare Console is connected to.

Console Port: The port that CurrentWare Console uses to connect to the CurrentWare Server. The default Console port is 8990.



2.7 Log Out

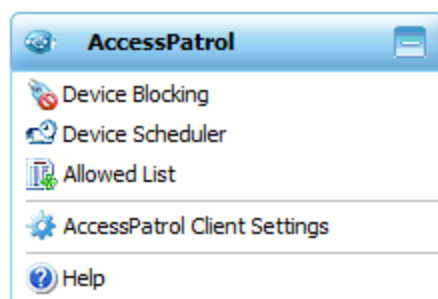
Log Out can be used to re-log into the Console with a different user name and password. This feature can be found under the menu **File → Logout**.

3.0 Overview of AccessPatrol Functions

AccessPatrol is an endpoint security tool that allows an administrator to control the device access of your network.

An overview of the AccessPatrol functions includes:

- **Device Blocking**
- **Device Scheduler**
- **Allowed List**



AccessPatrol Solution Features

4.0 Controlling Device Access

AccessPatrol is a device security tool. It allows administrators to control the access of external devices of the users on the network. Below are the main features of AccessPatrol on the CurrentWare Console.

- **Access Permissions**
- **Device Scheduler**
- **Allowed List**

4.1 Access Permissions

AccessPatrol allow the administrator to control the device access privileges for a group of clients or an individual computer.

Full Access: the computer with this access permission can read and write to the specified external devices that are connected to the computer.

Read Only: the computer with this access permission can only read the information from the specified external device that is connected to the computer. The user will not be able to copy any information to the specified external device. This option is only available to storage devices.

No Access: the computer with this access permission cannot read or write to the specified external devices that are connected to the computer.

In the CurrentWare console, groups do not inherit settings from their parent groups. The groups stores the CurrentWare settings independently.

Here is a list of devices that are supported by AccessPatrol:

Storage Devices:

- USB (Removable disk, iPod)
- CD/DVD
- Floppy
- Tape
- External Hard Drive
- FireWire
- SD Card
- MM Card

Communication Ports:

- Serial
- Parallel

Wireless Devices:

- Bluetooth
- Infrared
- Wi-Fi

Other:

- Imaging Devices (Digital camera, Webcam)
- Portable Devices (iPhone, Mobiles)
- Sound Cards

Blocking External Devices on your Network

1. Click on a group or a computer.
2. From the AccessPatrol tab, select **Device Blocking**.
3. Select the device you want to control on the left hand pane.
4. Assign the access permission on the right hand pane.
5. You can block the access permission for all devices by selecting **All Devices** and assign **No access** to it.
6. The devices that are blocked will be listed in the CurrentWare Console under the column **Devices Blocked**.

Read Only Permission: allows the user to read the file but cannot make changes to it. The user will not have the ability to create new files on the controlled devices. Read Only permission is available for storage devices only.

Note for Bluetooth Device blocking: in order to block some Bluetooth devices and its associated services, a reboot may be required on the client's computer.

4.2 Device Scheduler

The device scheduler allows the administrator to assign when the device permissions will be enforced by assigning the start time and stop time for particular devices on the network. Only storage devices are available for the device scheduler.

This is a Group specific setting. Groups can be assigned to three levels of device accesses:

Full Access: the computer with this access permission can read and write to the specified external devices that are connected to the computer.

Read Only: the computer with this access permission can only read the information from the specified external device that is connected to the computer. The user will not be able to copy any information to the specified external device. This option is only available to storage devices.

No Access: the computer with this access permission cannot read or write to the specified external devices that are connected to the computer.

Creating a Device Schedule

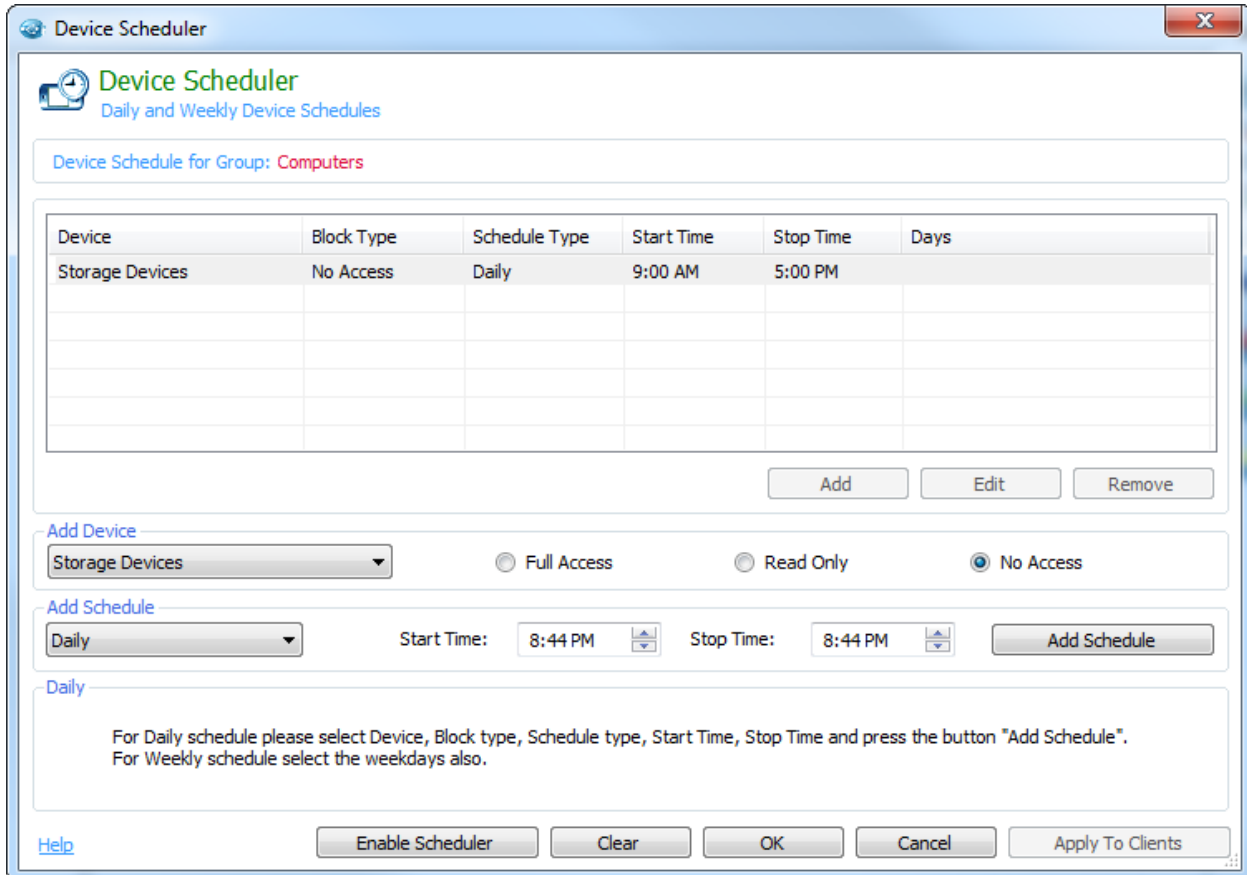
1. Highlight the group you want to assign a scheduler to and select **Device Scheduler** under the AccessPatrol tab on the right hand side of the CurrentWare Console.
2. Click on the **Add** button to create a new schedule.
3. Select the **Device type**.
4. Select the **access permission**.
5. Select the **Schedule type**.

6. Select the **Schedule reoccurrence**: Daily, Weekly or Monthly
7. Select the **Schedule Start and Stop Times**.
8. Click on the **Add Schedule** button to create the Device Schedule.

- Up to 20 different device schedules can be set per Group.

9. Click on **Enable Scheduler**

10. Click on **Apply to Clients**



The screenshot shows the 'Device Scheduler' window with the title bar 'Device Scheduler' and a close button. The window contains a header section with a clock icon and the text 'Device Scheduler Daily and Weekly Device Schedules'. Below this is a label 'Device Schedule for Group: Computers'. A table lists device schedules with columns: Device, Block Type, Schedule Type, Start Time, Stop Time, and Days. The first row shows 'Storage Devices' with 'No Access' block type, 'Daily' schedule type, '9:00 AM' start time, and '5:00 PM' stop time. Below the table are 'Add', 'Edit', and 'Remove' buttons. The 'Add Device' section has a dropdown menu set to 'Storage Devices' and three radio buttons for 'Full Access', 'Read Only', and 'No Access' (which is selected). The 'Add Schedule' section has a dropdown menu set to 'Daily', 'Start Time' and 'Stop Time' fields both set to '8:44 PM', and an 'Add Schedule' button. A text box below contains instructions: 'For Daily schedule please select Device, Block type, Schedule type, Start Time, Stop Time and press the button "Add Schedule". For Weekly schedule select the weekdays also.' At the bottom are buttons for 'Help', 'Enable Scheduler', 'Clear', 'OK', 'Cancel', and 'Apply To Clients'.

Device	Block Type	Schedule Type	Start Time	Stop Time	Days
Storage Devices	No Access	Daily	9:00 AM	5:00 PM	

The Device Scheduler sets the time for the device access to go on and off

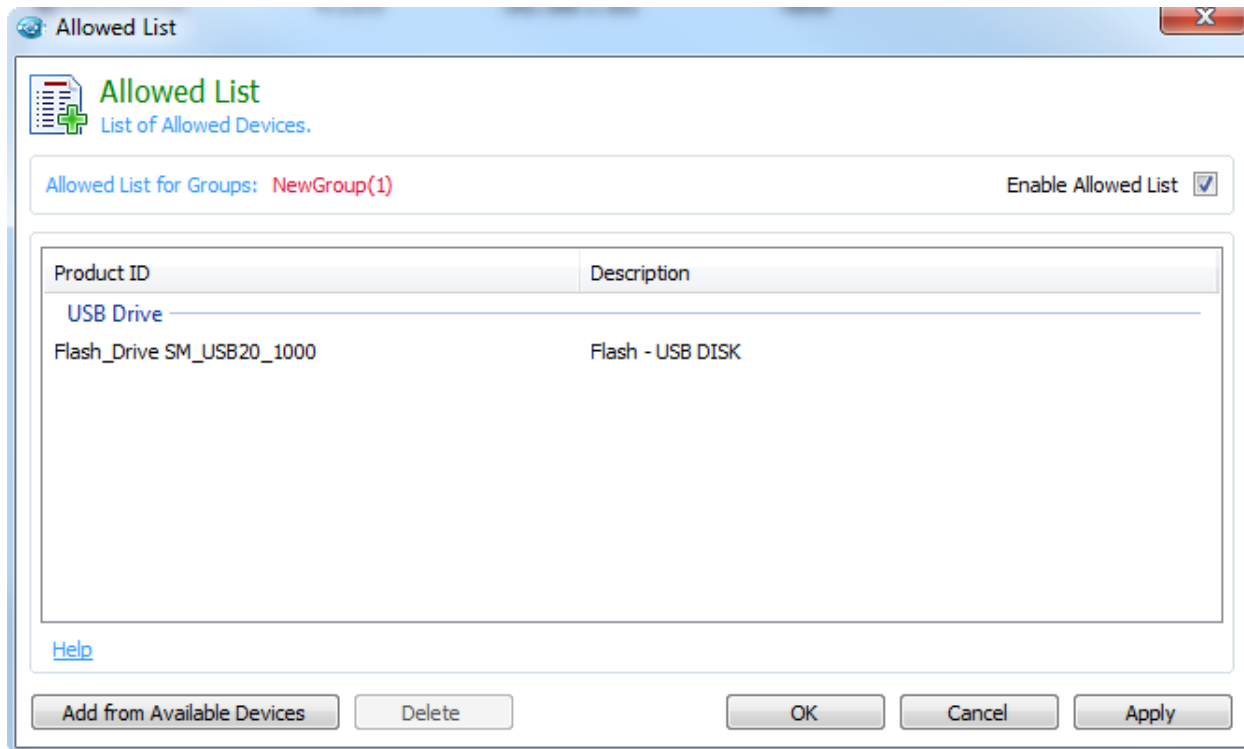
4.3 Allowed List

Administrators can utilize the Allowed List to specify devices that will have permanent access on the network.

By adding a device to the Allowed List, any user on the network will be able to access it even if the device permission is set to No Access.

The allowed list is folder specific. It applies to any computers that are in the specified folder.

The following devices are supported by the allowed list: *USB and External Hard drive.*



The devices listed on the Allowed list have permanent access by the users.

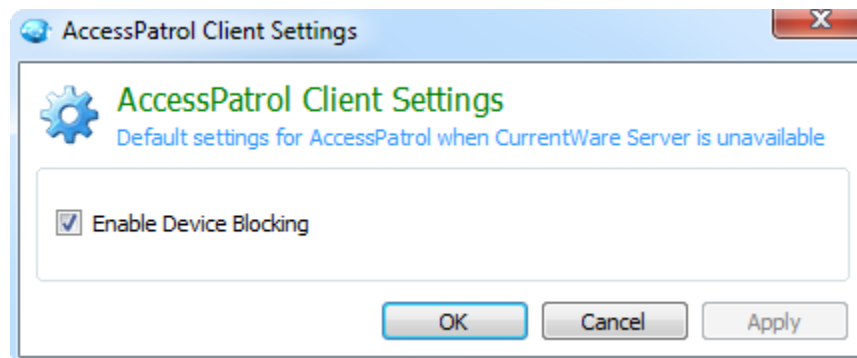
Adding a device to the Allowed list

1. A device must be physically connected to a computer where the CurrentWare client is installed at one point in time.
2. Click on a group and select **Allowed List** under the AccessPatrol tab
3. Click on **Add from Available Devices**
4. Check the device you want to allow permanently.
5. Click on **Add to Allowed List**
6. Click Ok.
7. Ensure the "**Enable Allowed list**" option is checked.
8. The selected devices will be added to the Allowed list

5.0 AccessPatrol Client Settings

When the CurrentWare Server becomes unavailable, you can retain the access permission on the computer on your network.

Under the AccessPatrol Client Setting, ensure that you have enabled the option called **Enable Device Blocking**.



Enable Device Blocking will continue to control device access when the CurrentWare Server is unavailable.

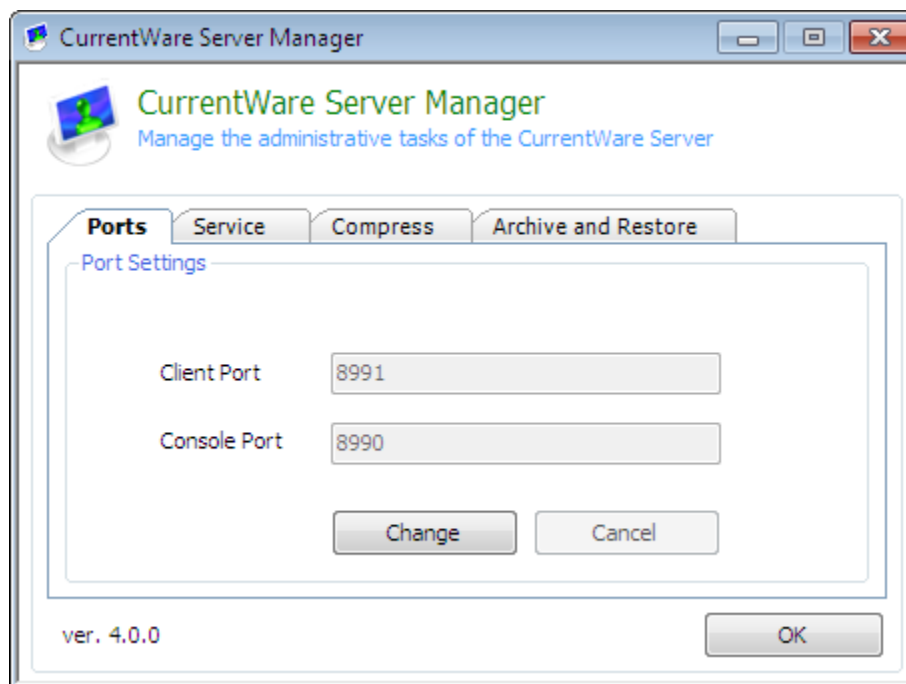
6.0 CurrentWare Server Manager

The CurrentWare Server Manager is used to manage the administrative tasks of the CurrentWare Server. To access the Server Manager, click on the **Start Menu > Programs > CurrentWare > CurrentWare Server Manager**

6.1 Changing the CurrentWare Client and Console Port

Changes to the Client and Console ports may be required to establish the connections between the CurrentWare server, clients and consoles. For example, if you are using a program that is already utilizing the ports that CurrentWare uses, then you will need to change the ports. Otherwise, please do not modify the Client and Console ports.

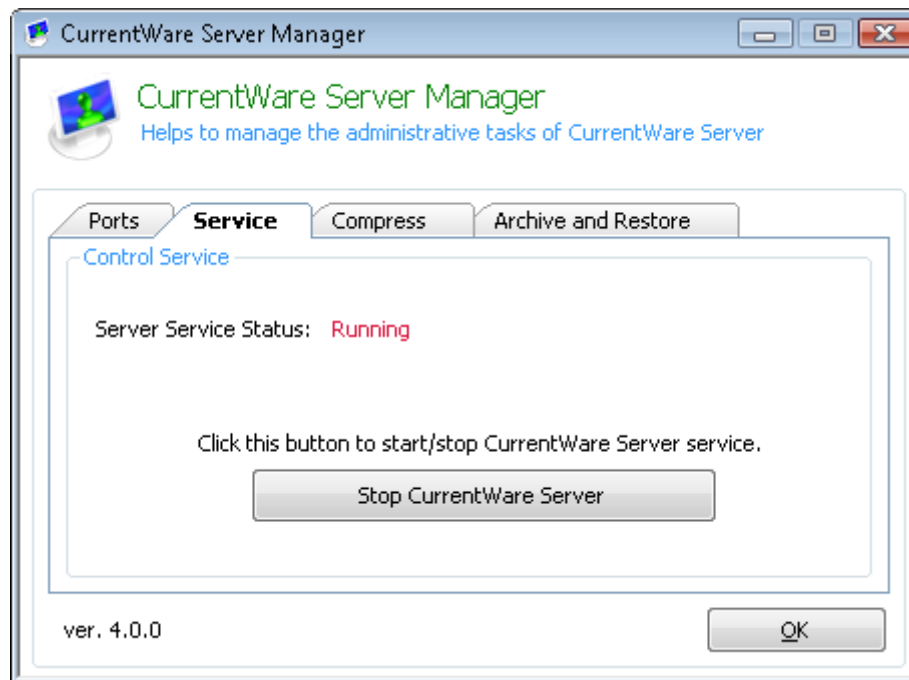
The default client port is 8991 and the default console port is 8990.



CurrentWare Server Manager

6.2 Stopping the CurrentWare Server Service

To stop the CurrentWare Server, under the Service tab, click on the button “Stop CurrentWare Server”



6.3 Compress the CurrentWare Database

It is recommended that database compression be performed on a regular basis.

To compress your CurrentWare database:

1. Make sure you have closed the **CurrentWare** Console.
2. Go to the Start menu > Programs > CurrentWare > CurrentWare Server Manager
3. Under the **Compress** tab, click on the **browse** button and search for your CurrentWare database. By default, the database is located under **C:\Program Files\CurrentWare\cwServer\CWNPFB.CWD**
4. Click on the **Compress** button to begin compressing your database.

6.4 Archive and Restore the CurrentWare Database

In order to maintain optimal database performance, it is recommended that the CurrentWare database be archived on a regular database. Archiving the CurrentWare database will create a copy of your existing database. However, all tracking data from the existing live database will be deleted.

Note: archiving will create a copy of the current database. After the archiving process is completed, the Internet tracking data for BrowseReporter will be deleted. All Computer and User data will be maintained but the corresponding monitoring data will be removed.

To Archive your CurrentWare Database:

1. Under the **Archive and Restore** tab, click on the **Archive** button (Fig. 21).
2. A copy of your database will be created under **C:\ Program Files\CurrentWare\cwServer\Archive**

Restoring the database will put your current database back to the state it was prior to archiving. The current database will be replaced with the archived database. It is advised that you archive your current database before restoring to a previous database, should you need to retrieve the original data.

Restoring an Archived Database:

1. Under the **Archive and Restore** tab, select the database that you want to restore from the drop-down menu
2. Click on the **Restore** button to begin the process of restoring your archived database.

7.0 CurrentWare and Terminal Server

The CurrentWare Console is supported on a Windows Terminal Server.

The CurrentWare Console for a terminal server is compatible for up to 65 concurrent connections. Beyond this maximum number of connection, some of the CurrentWare functionalities may not work properly. It is advised that you do not have more than 65 users connected to the Terminal Server simultaneously.

The terminal server license is based on a per-user basis. Only one CurrentWare client can be installed on the terminal server computer.

8.0 Licensing

CurrentWare Solutions are licensed on a per-computer basis for client management, while Terminal Server clients are licensed on a per-user basis.

The evaluation copy of BrowseControl is functional on a maximum of 50 computers for 30 days.

15.1 Register your Permanent License key

After you have purchased BrowseControl, BrowseReporter or enPower Manager from Currentware, you will receive an email from our licensing department containing your license key information, which includes the following fields:

1. **Organization's Name**
2. **Number of Licenses**
3. **License key**

To register your license key, follow the steps below

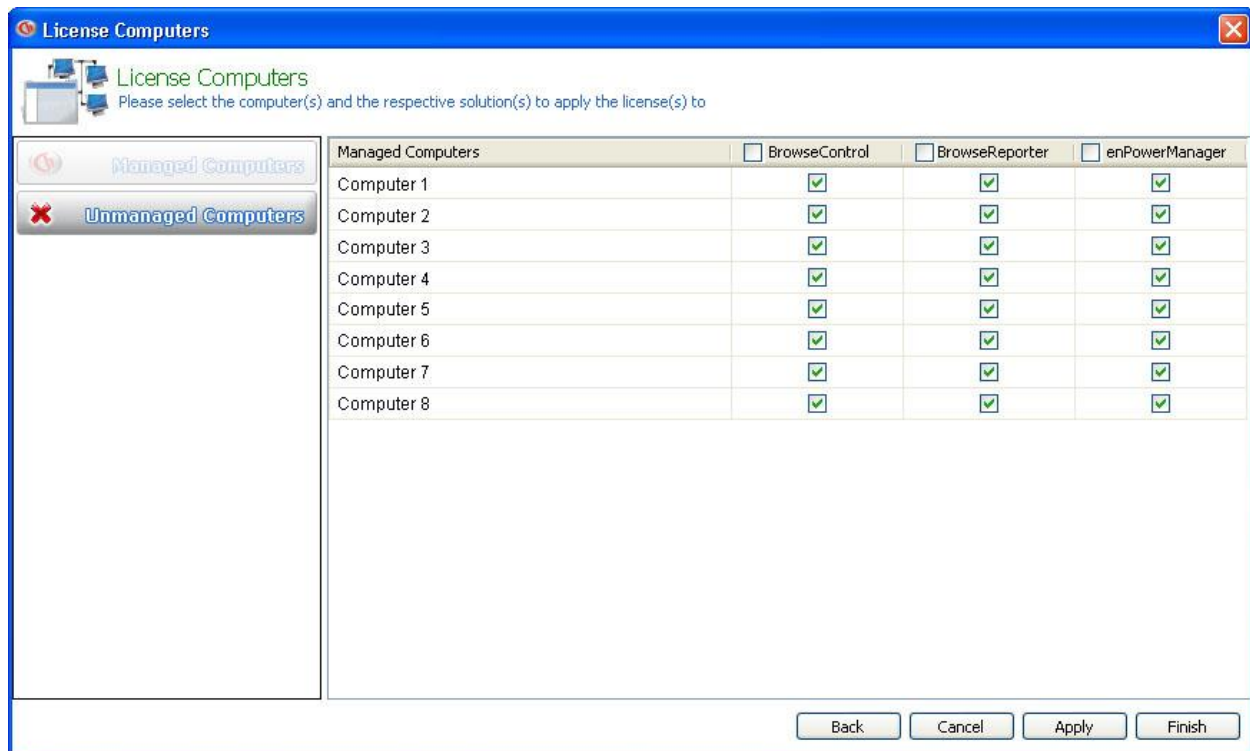
1. Launch the CurrentWare Console
2. Go to **Help > Licensing**
3. From the Solutions drop down box, select the **Solution**
4. Select the **mode of license** (computers or terminal server)
5. Copy your **Organization's name, number of licenses and Activation Code** from the licensing email sent to you
6. Click on the **Register** Button
7. Your CurrentWare Console has now been registered.
8. Click on **Next** to manage the computers you want to apply the license keys to.

9.2 License Management

The License Computers console allows the administrator to select the computers to assign the CurrentWare license to. Depending on the installed status of your CurrentWare clients, the licensing process can be automatic or manual.

Managing your CurrentWare Licenses

1. After you install your CurrentWare Clients, launch your CurrentWare Console
2. Go to **Help > Licensing**
3. Fill in the fields for the Organization name, solution, mode of license, number of licenses and license key
4. Click **next**
5. Now the **License Computers** window will appear. This is where you assign your licenses to your computers. Click on the checkbox to assign a license key to your computer



Manage your CurrentWare Licenses

9.3 Managing your Terminal Server Licenses

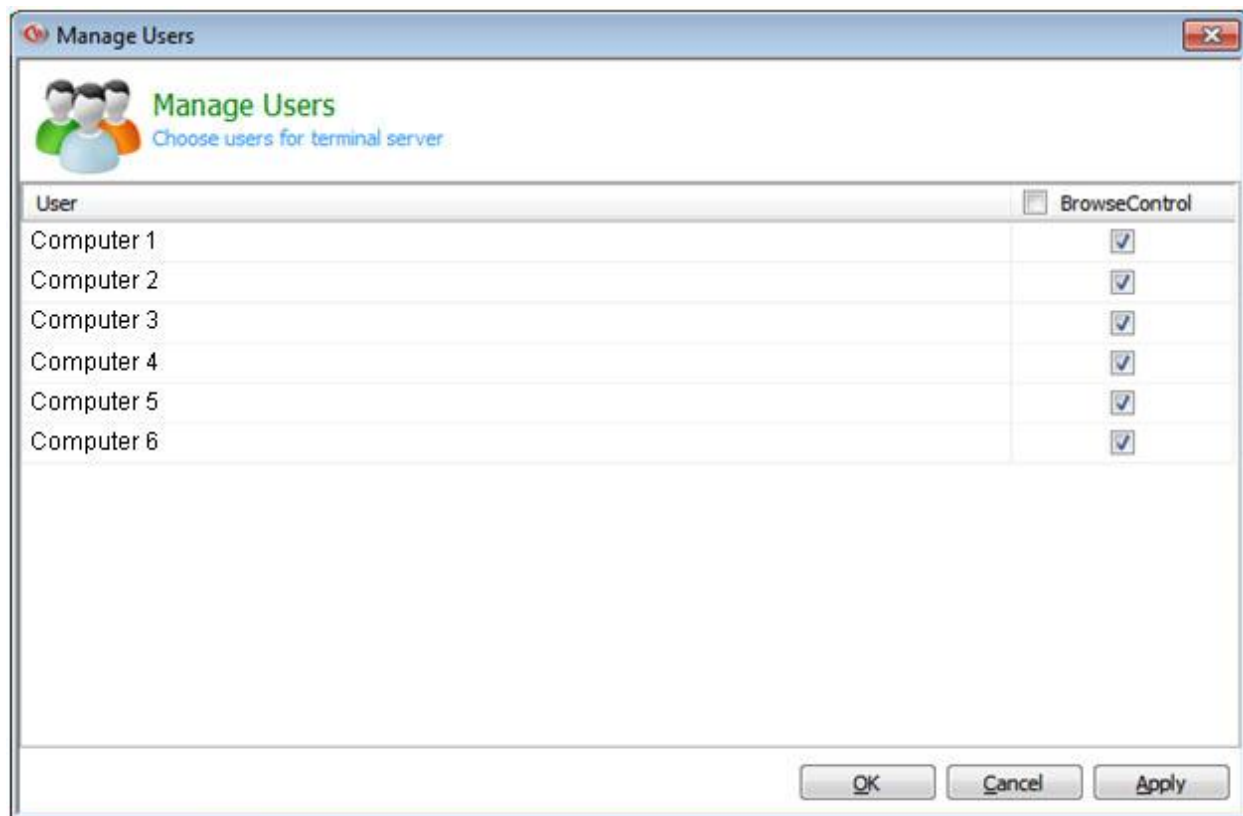
The CurrentWare Console is compatible with Windows Terminal Server. The terminal server licensing is based on a per-user basis.

When the terminal server license is applied, only one CurrentWare client can be connected to the CurrentWare Server. This CurrentWare client must be installed on the terminal server.

CurrentWare's Terminal Server license is strictly for Windows 2003 and 2008 terminal server operating systems. Do not use terminal server license for any other Windows operating system as some of the functions will not be compatible on it.

Applying your Terminal Server Licenses

1. Launch your CurrentWare Console
2. Go to **Help > Licensing**
3. Fill in the fields for the Organization name, solution, mode of license, number of licenses and license key. (For Mode of License select "Terminal Server")
4. Click **next**
5. Now the **License Computers** window will appear.
6. Click on the checkbox to assign a license key to your Terminal Server computer. For Terminal server license, you will only be able to assign one license key to one terminal server.
7. Click on the **Manage Users** button on top right hand corner to assign your licenses to your users.
8. You will only be able to assign the number of licenses to your Terminal Server users based on the quantity on your license agreement.



Manage your CurrentWare Terminal Server Licenses

10.0 Uninstall CurrentWare Server, Console and Solutions

16.1 Uninstalling the CurrentWare Solutions

1. Launch your CurrentWare Console
2. If a solution is installed, you will see the uninstall option under the “Install” menu.
3. Select Install > Uninstall BrowseControl, or Uninstall BrowseReporter, or Uninstall enPowerManager, or Uninstall AccessPatrol.
4. Click Yes to uninstall the Solution from your CurrentWare Console.
5. The CurrentWare Console will restart and the solution will be removed from the Console.

Alternatively, a solution can be uninstalled from the Add/Remove Programs utility in the Control Panel.

16.2 Uninstalling the CurrentWare Server and Console

The CurrentWare Console and Server can be removed from the Control Panel.

1. Before you uninstall the CurrentWare Server and Console, ensure that all of the CurrentWare Solutions are uninstalled first.
2. Go to Start Menu and select Control Panel
3. Under Programs, Select Uninstall a Program.
4. Uninstall **CurrentWare**

11.0 Uninstall CurrentWare Client

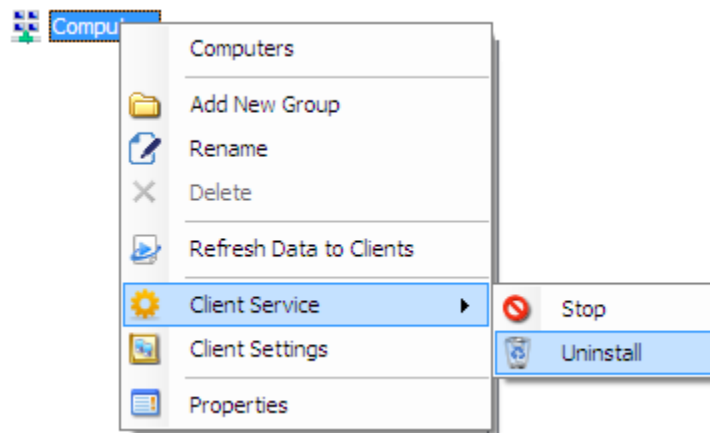
The CurrentWare Client can be uninstalled by two different methods:

- **Uninstall CurrentWare Client from the Console**
- **Uninstall CurrentWare Client on the workstation by command line**
- **Uninstall CurrentWare Client on the workstation from the Client Configuration Window**

12.1 Uninstall CurrentWare Client from the Console

Follow the steps below to uninstall the CurrentWare Client remotely from the CurrentWare Console.

1. Launch the CurrentWare Console
2. Right click on the computer or the group of computers that you want to uninstall, select **Client Service > Uninstall**
3. The client will proceed to uninstall
4. A reboot will be prompted. It is recommended to restart the computer.



12.2 Uninstall CurrentWare Client on the workstation by command line

Follow the steps below to uninstall the CurrentWare Client locally on the workstation by running a command line.

You need to have your CurrentWare Client password in order to uninstall the CurrentWare Client by Command line.

On your CurrentWare Client computer, go to start menu > run > type in the following (for Windows 7, go to the run command box):

Cwclient -p Admin -u

*The word “Admin” in the command is the password field. Admin is the default CurrentWare Client password. If you changed the CurrentWare Client password during the installation, please replace Admin with your CurrentWare Client password.

12.3 Uninstall CurrentWare Client on the workstation from the Client Configuration Window

Follow the steps below to uninstall the CurrentWare Client locally on the workstation from the CurrentWare client configuration Window.

To bring up the CurrentWare client configuration Window, go to start menu > run > type in the following (for Windows 7, go to the run command box):

Cwclient -p Admin -v

*The word “Admin” in the command is the password field. Admin is the default CurrentWare Client password. If you changed the CurrentWare Client password during the installation, please replace Admin with your CurrentWare Client password.

In the CurrentWare Client Configuration Window, click on the General Settings tab. Click on the Uninstall button to uninstall the CurrentWare client from your workstation.

13.0 Technical Support

For technical support of CurrentWare, please contact us at info@currentware.com.

14.0 Contacts

EUROPE

Codework Limited

Lansdowne House, 85 Buxton Rd, Stockport, SK2 6LR, United Kingdom

Tel: +44-(0) 161 - 474 - 0444

Fax: +44-(0) 333 - 666 - 0998

Email: info@codework.com

USA

Currentware (a division of Codework Inc.)

1623, Military Rd #556, Niagara Falls, NY 14304-1745, United States of America

Tel: 613-368-4300

Fax: 866-929-9808

Email: info@currentware.com

CANADA

Currentware (a division of Codework Inc.)

126 Windance Crescent, Kanata, K2W 0A7, Canada

Tel: 613-368-4300

Fax: 866-929-9808

Email: info@currentware.com

ASIA

Codework Solutions Pvt Ltd,

'Thapasya', Infopark, Kakkanad, Kochi, Kerala, India – 682030

Tel: +91-484-4055678

Fax: +91-484-4061003

Email: info@codework.com

OTHER COUNTRIES

Please email info@currentware.com for the name of a local reseller in your country.