User Guide

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enPowerManager

Version 5.4.2

Power Management Software

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1.0 Introduction to enPowerManager

With rising energy costs, organizations are turning to more effective solutions for managing energy consumption in the workplace.

enPowerManager 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 computers at a specific time or schedule a boot of the computers 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:** Web Filtering
- **BrowseReporter:** Internet Tracking and Reporting
- **AccessPatrol:** Endpoint Device Security
- **enPowerManager:** Power Management

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 i3 or similar or faster
- **Memory:** At least 4GB of RAM
- **Disk Space:** At least 500MB of disk space

Software Requirement

All components of the CurrentWare Console are compatible with the following Operating Systems running 32-bit or 64-bit platform.

- **Windows 7 Professional and Ultimate**
- **Windows 8 and 8.1 Professional and Ultimate**
- **Windows 10 Pro and Enterprise**
- **Windows Server 2008, 2012, 2016**

1.3 Installing the CurrentWare Server, Console and Solutions

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

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/download/

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. Select the **Solutions** that you want to install.

6. 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.

7. The Installer will now proceed to install the CurrentWare Server, Console and the solution(s) on your computer.

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 Window's Simple File Sharing.

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

1. **Local CurrentWare Client Install:** run the *cwClientSetup.exe* 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 cwClientSetup.exe file.

1.4.1 Local CurrentWare Client Install

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

The *cwClientSetup.exe* 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 (x86)\CurrentWare\cwClient\cwClientSetup.exe

When you run the *cwClientSetup.exe* 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.

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:

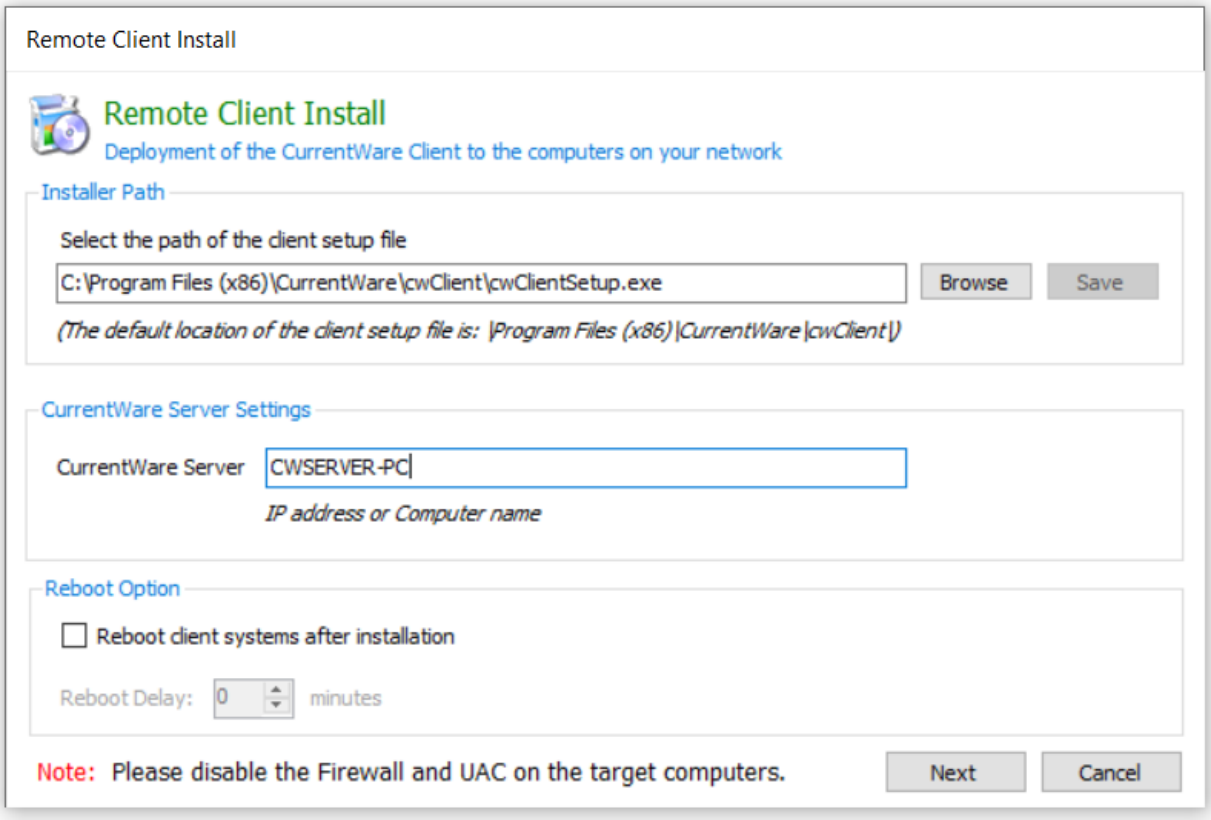
- Disable UAC (User Account Control) and Windows Firewall on the client computers

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

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

   C:\Program Files(x86)\CurrentWare\cwClient\cwClientSetup.exe

2. Enter the **Computer name or IP address** of the CurrentWare Server.
3. Select the option to enable or disable **reboot** after the installation (the recommended option is to enable reboot).
4. 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 of IP addresses.
5. 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**
6. The CurrentWare Client will now be deployed to the designated computers.



The First screen of the Remote Client Install Window.

If you are encountering the following error messages during the remote client installation, visit this page for help:

https://www.currentware.com/faqs/remote-client-install/

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:\cwClientSetup.exe /qn USERPARAMS="-p Admin -ds 192.168.1.100 " /l e:\install.log /norestart

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.
/norestart Prevents the installer to restart the client computer

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 or Active Directory

The CurrentWare Client is packaged as an .exe file and a .msi file. You can find the .msi file as a separate download link from our download page. You can use your company's system deployment tools to deploy the CurrentWare client to your workstations.

Deploy by Customizing the cwClientSetup.msi File

You can take the existing cwClientSetup.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 cwClientSetup.exe 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.

Deploy the .msi file using a Software Delivery Tool or through Active Directory.

1.5 Configuring the CurrentWare Client to Connect to the CurrentWare Server Over the Internet (Port Forwarding)

To connect your CurrentWare Clients to the CurrentWare Server over the Internet, you will need to port forward the CurrentWare traffic from your network's router to the CurrentWare Server computer.

1.5.1 Preparing Your CurrentWare Server

First, you will need to set up your CurrentWare Server on a network that has a **Public Static IP address** (obtained from your Internet service provider).

Then, you will need to configure your router's setting. On your router's configuration page, go to the Port Forwarding Settings and forward the traffic from the following ports to the IP address of your CurrentWare Server computer.

- **8990 (TCP and UDP)**
- **8991 (TCP and UDP)**
- **8992 (TCP and UDP)**
- **3050 (TCP and UDP)**
- **1024 (TCP and UDP)**
- **1433 (TCP and UDP)** – for SQL Server database only

1.5.2 Installing the CurrentWare Client

Install the CurrentWare Client by running the cwClientSetup.exe file on the Client computer. During the installation, put in the **Public IP address, hostname or DDNS** of the CurrentWare Server's Network.

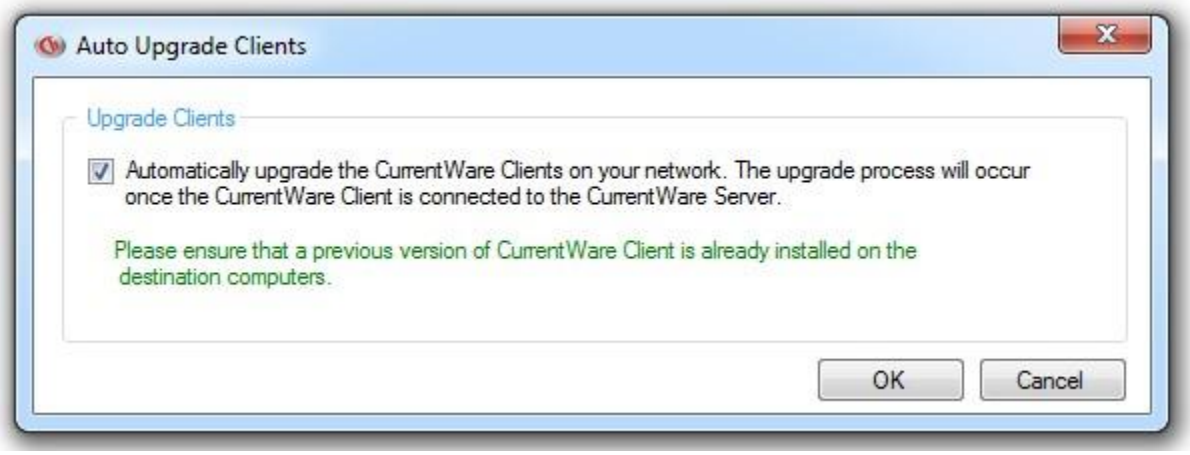
1.6 Upgrading the CurrentWare Clients

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

1.6.1 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 > Auto Upgrade Clients.**
2. Click on the **"Automatically upgrade the CurrentWare Clients on your network..."** checkbox and the CurrentWare Server will push the update to the clients.



The Client upgrade is automatic when this option is enabled.

1.6.2 Manual Upgrade of the CurrentWare Clients

The client upgrade method can be done manually by running the cwClientSetup.exe file on each computer that has a CurrentWare client installed.

1.7 Standalone Installation

Standalone: Installing the CurrentWare Server, Console and Client on the same computer.

1.7.1 Installing the CurrentWare Console, Server and Solution

1. Run the CurrentWare.exe setup file.
2. Accept the terms in the License Agreement.
3. Select the Security Solutions you want to install.
    a. AccessPatrol: Block USB and external devices.
    b. BrowseControl: Web Filter and Application Blocking.
    c. BrowseReporter: Internet Activity Tracking.
    d. enPowerManager: Remote Power Management.
4. The Installer will proceed to install the CurrentWare Server, Console and Solutions onto your computer.

1.7.2 Installing the CurrentWare Client

1. Run the **cwClientSetup.exe** setup file.
2. When prompted for the CurrentWare Server, put in the word **loopback**. This will make the Client connect to itself.
3. Finish the installation.

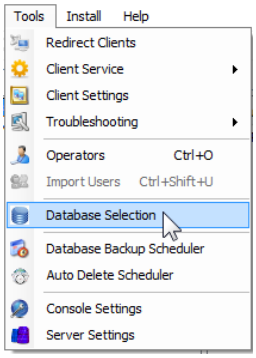
1.7.3 Password Protect the CurrentWare Console

1. Launch the CurrentWare Console.
2. Go to Tools > Operators.
3. Click on Add and add an operator with administrator role.
4. Once an administrator has been added, check the option “Enable Password Security”.
5. The next time you launch the CurrentWare Console, it will ask you to enter the operator name and password.

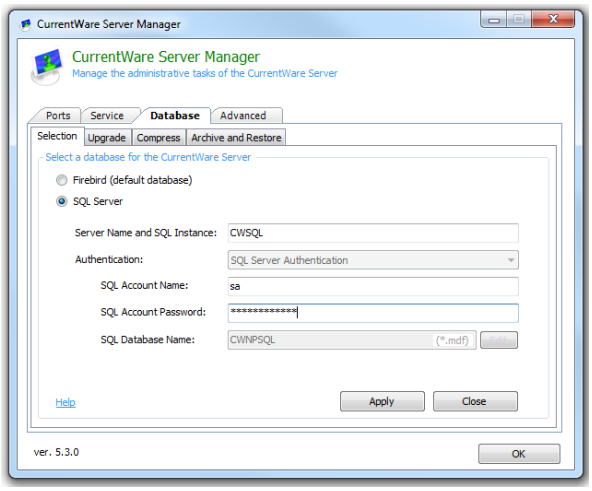
1.8 Connecting CurrentWare to your SQL server

The CurrentWare Server database is compatible with Microsoft SQL server (not included in the setup file). Follow the instructions below to connect your CurrentWare Server to your SQL server.

1. Open the CurrentWare Console.
2. Select *Tools* > *Database Selection*.



3. This will bring up the CurrentWare Server Manager.
4. Select *Database* > *Selection* > *SQL Server*.
5. Enter your SQL Server details:



- SQL Server name and Instance.
- Authentication:
    i. For workgroup, SQL Server Authentication is required.
    ii. For Domain, you can choose between SQL Server Authentication or Windows Authentication.
- Account name and password.

6. A new SQL database called *CWNPSQL.mdf* will be created on your SQL Server.
7. (Optional): A prompt will appear to give you a choice to migrate your existing Firebird database to the new SQL database.

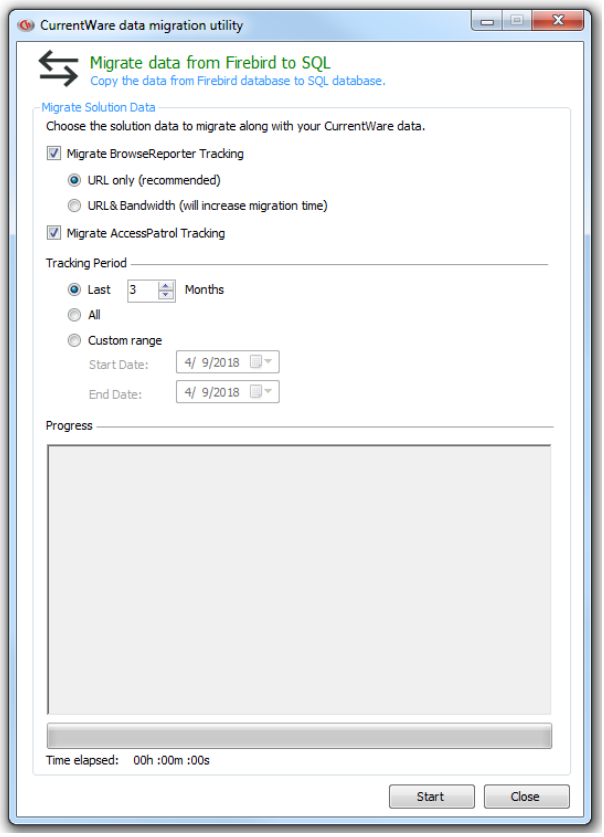
1.8.1 Migrating your Existing CurrentWare Data from Firebird to SQL Server

The data migration utility is presented after connecting your CurrentWare Server to a new SQL Server database.

File location: *\Program Files(x86)\CurrentWare\cwServer\CWDBMigration.exe*

The data migration utility will migrate all of the CurrentWare data from the Firebird to the SQL database. The following data can be included or excluded from the migration:

1. BrowseReporter Tracking Data: URL, Application and Bandwidth.
    - **NOTE**: Including bandwidth data will increase the migration time significantly.
2. AccessPatrol Tracking Data.

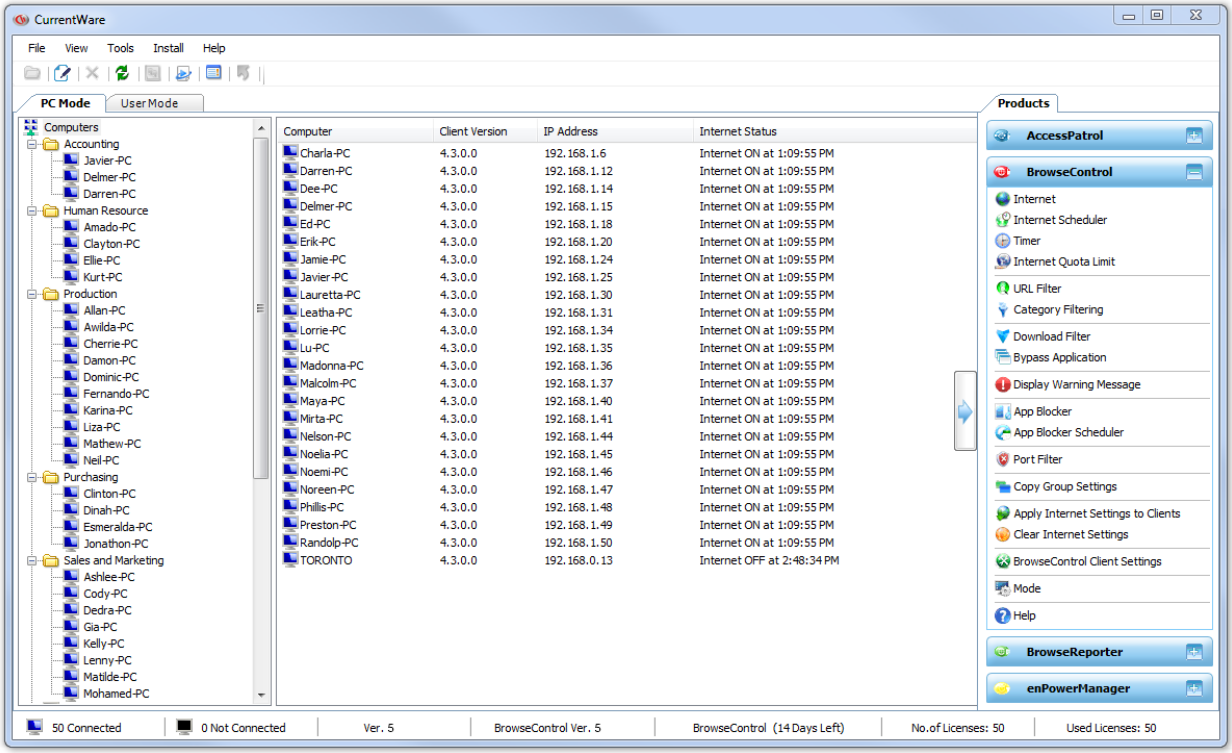


2.0 CurrentWare Console Overview

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.

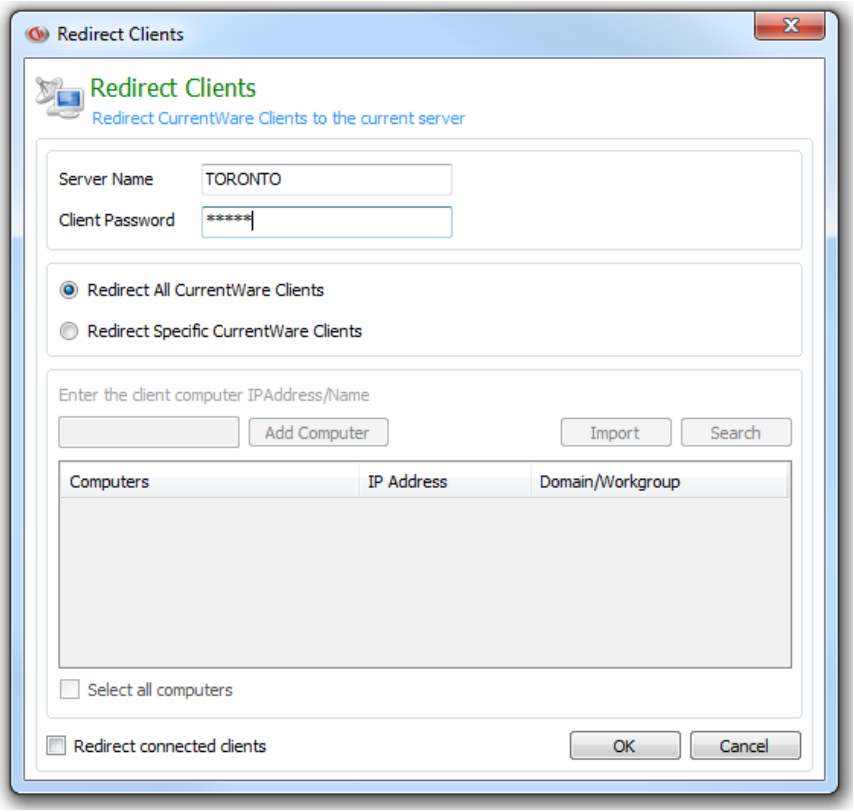
On the CurrentWare Console menu, select **File > Move Computer/Users**. The left-hand side contains the source folder and the right hand side contains the destination folder. Select the computer(s) you want to move from the source folder, and then select the destination folder. Click on the **>>** button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

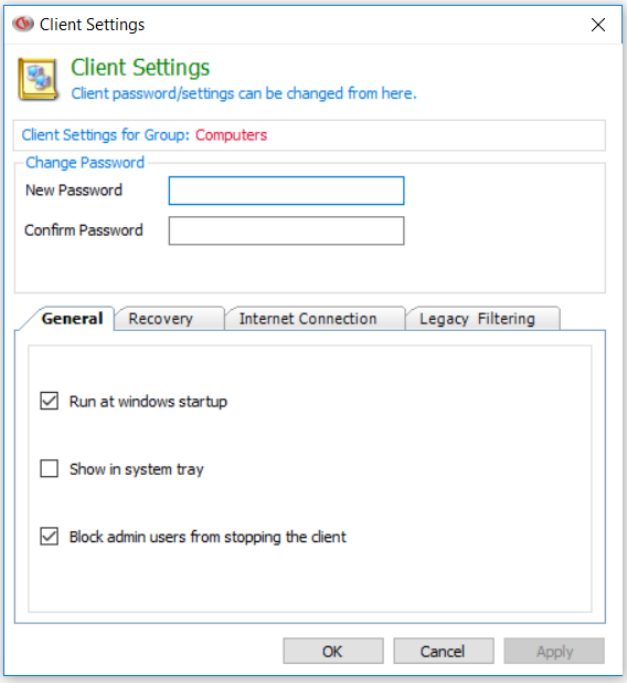
Put in the new CurrentWare Client password to replace the existing CurrentWare Client password. You will need to use the CurrentWare client password if you want to change the client settings, such as IP address or computer name of the CurrentWare Server or the port that the client uses to connect to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

General

- **Run at Windows Startup:** toggle the option to allow the CurrentWare client service to start every time the workstation boots up.

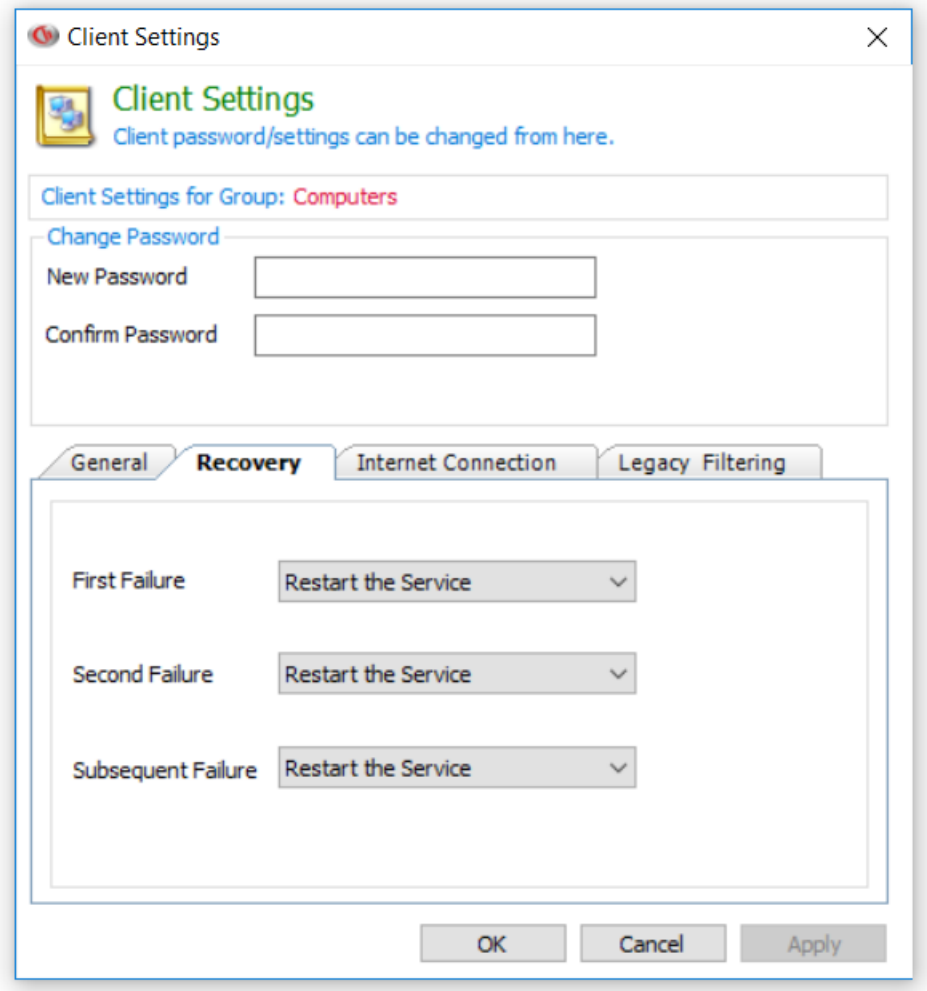
- **Show in System Tray:** toggle the option to display the CurrentWare icon in the system tray. When this option is enabled, the administrator can double click on the icon, put in the password, to access the CurrentWare Client configuration window.

- **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.



Recovery

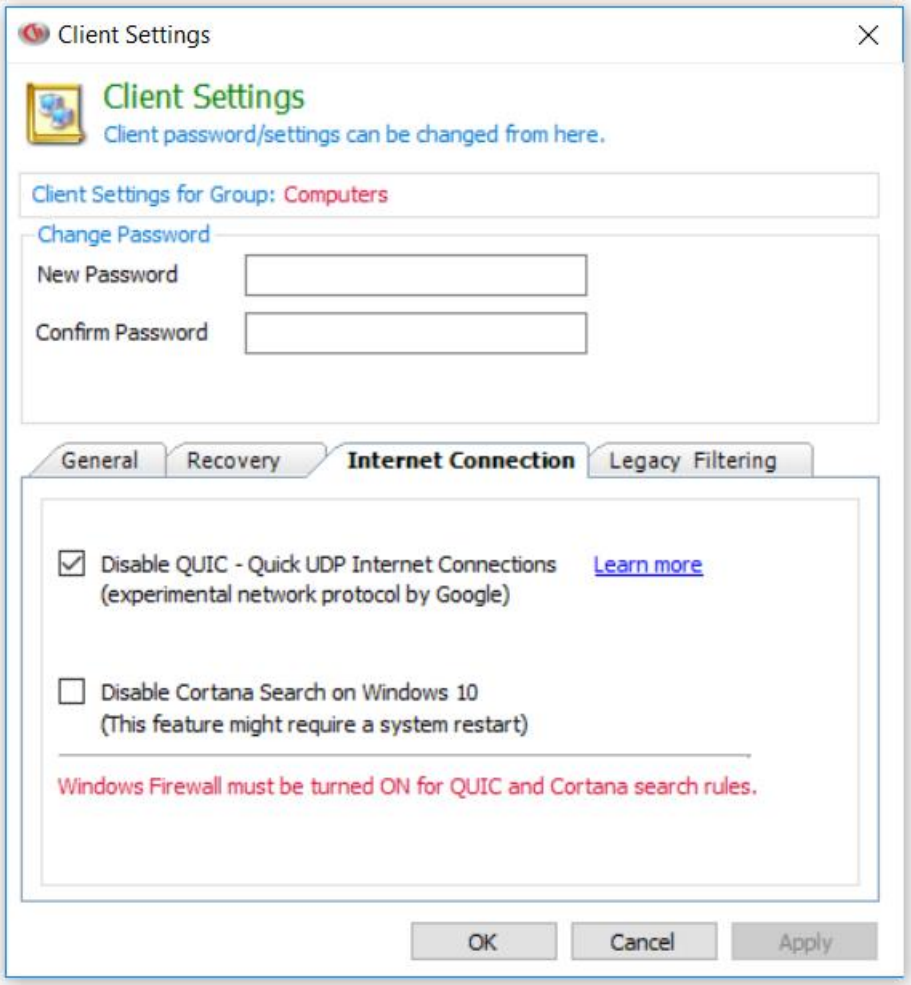
- The recovery option is for the property of the CurrentWare Client. By default, the option is set to “Restart the Service”. If the CurrentWare Client service was stopped by Windows or software, the default action would be for the Client to restart itself so it can continue to operate. It is best practice to leave this option as “Restart the Service”.



Internet Connection

- **Disable QUIC – Quick UDP Internet Connections (experimental network protocol by Google).** BrowseControl controls Internet using the TCP protocol. QUIC uses UDP for Internet traffic on Google Chrome. Since BrowseControl is not filtering the Internet traffic through UDP, QUIC can cause an issue with BrowseControl's filter. This option will disable QUIC on Google Chrome automatically.

- **Disable Cortana Search on Windows 10.** End users can use Windows 10's Cortana search to reach out to the Internet. By enabling this option, it will block the Firewall's outgoing port associated with Cortana and prevent Cortana searches from displaying results from the Internet.



Legacy Filtering

This setting applies to BrowseControl only.

- **Hybrid (LSP/WFP):** Depending on your client computer's operating system, BrowseControl will use LSP or WFP to filter Internet access.

  For Windows 7, 8, 2008 and 2012, BrowseControl will filter internet using LSP. For Windows 10 and 2016, BrowseControl will filter Internet using WFP.

  - **HTTPS Settings = Simple:** All web filtering (HTTP/HTTPS) in Hybrid (LSP/WFP).
  - **HTTPS Settings = Advanced:** All web filtering (HTTP/HTTPS) in UIA.

- **LSP:** BrowseControl will filter Internet on the client computers using LSP.

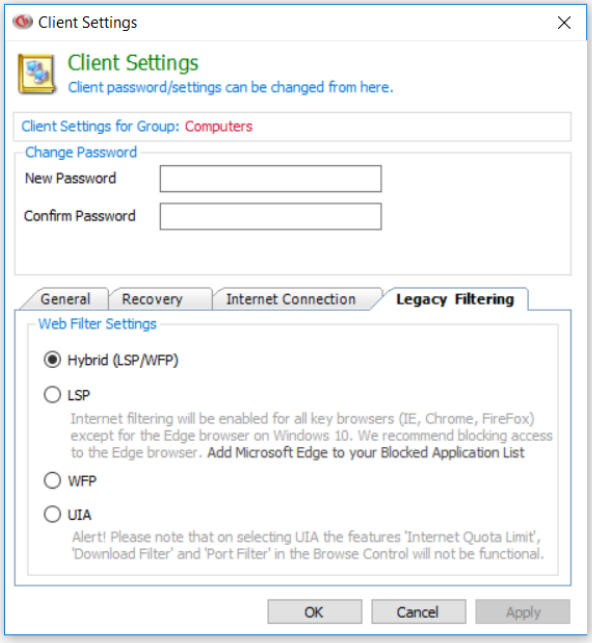
  - **HTTPS Settings = Simple:** All web filtering (HTTP/HTTPS) in WFP.
  - **HTTPS Settings = Advanced:** All web filtering (HTTP/HTTPS) in UIA.

- **WFP:** BrowseControl will filter Internet on the client computers using WFP.

  - **HTTPS Settings = Simple:** All web filtering (HTTP/HTTPS) in WFP.
  - **HTTPS Settings = Advanced:** All web filtering (HTTP/HTTPS) in UIA.

- **UIA:** BrowseControl will filter Internet on the client computers using UIA.

  - **HTTPS Settings = Simple:** automatically switch to Advanced.
  - **HTTPS Settings = Advanced:** All web filtering (HTTP/HTTPS) in UIA.

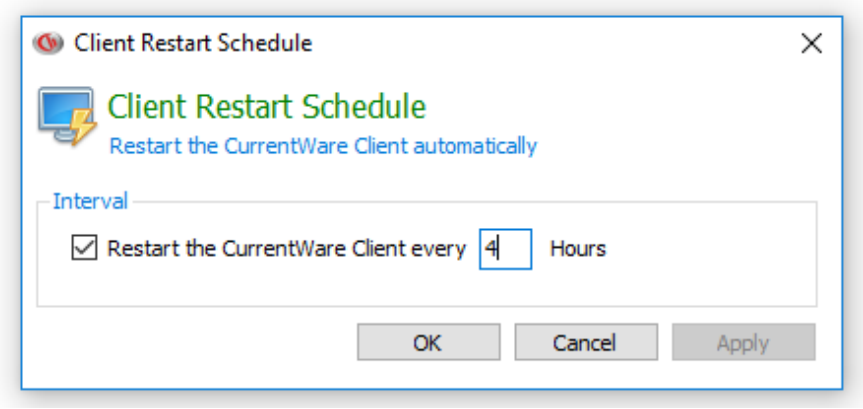


2.4 Troubleshooting

The troubleshooting option allows administrator to perform troubleshooting tasks to resolve errors that are related to the CurrentWare Client.

Client Restart Schedule

Restarting the CurrentWare Client will resolve unexpected issues that can occur on the CurrentWare Client. This option will help the administrator restart the CurrentWare Client automatically during scheduled time.



Use the Client Restart Schedule to automatically restart the CurrentWare Clients.

Viewing Log files

You can use the CurrentWare Console to remotely connect to a client computer to open the CurrentWare Client log files. The following CurrentWare Client log files are available to view remotely:

- **CurrentWare Client Log**
- **Upload Log**
- **Category Log**
- **Blocked URL Log**
- **Advanced Logs**
- **System Reports > Assets**

CurrentWare Client Log

The CurrentWare Client log indicates the status of the Client. This log file can help identify connection issues and version conflicts.

Upload Log

The upload log records the data, tracked by BrowseReporter, which is uploaded to the CurrentWare Server. This log file can help identify issues with BrowseReporter data upload.

Category Log

The category log records the communication between the CurrentWare Client and the Category Filtering Server used by BrowseControl. If the Category Filtering restriction is not working properly, use this log to identify if the client is connected to the server.

Blocked URL Log

The blocked URL log will show you the blocked websites that your end users attempted to access. You can use this log to identify additional websites (such as CDN, image server, CSS, etc.) to add to BrowseControl's Allowed list.

Advanced Logs

Use the CurrentWare advanced log to troubleshoot specific issues that you are having with CurrentWare:

- CWSEmail.log
- CWSAPEmail.log
- CWSBRAlertEmail.log
- CWUserActivity.log
- Advanced client and port connection logs (CltCommand.log, TSTLog8991.log, TSTLog8992.log)

NOTE: Enabling advanced logs may cause your system to slow down. After collecting the log files for the technical support team, remember to disable the logging.

System Reports > Assets

A .csv file containing all of your computer's computer name, IP address, MAC address, Client connection, last connected, last disconnected and user names.

2.5 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

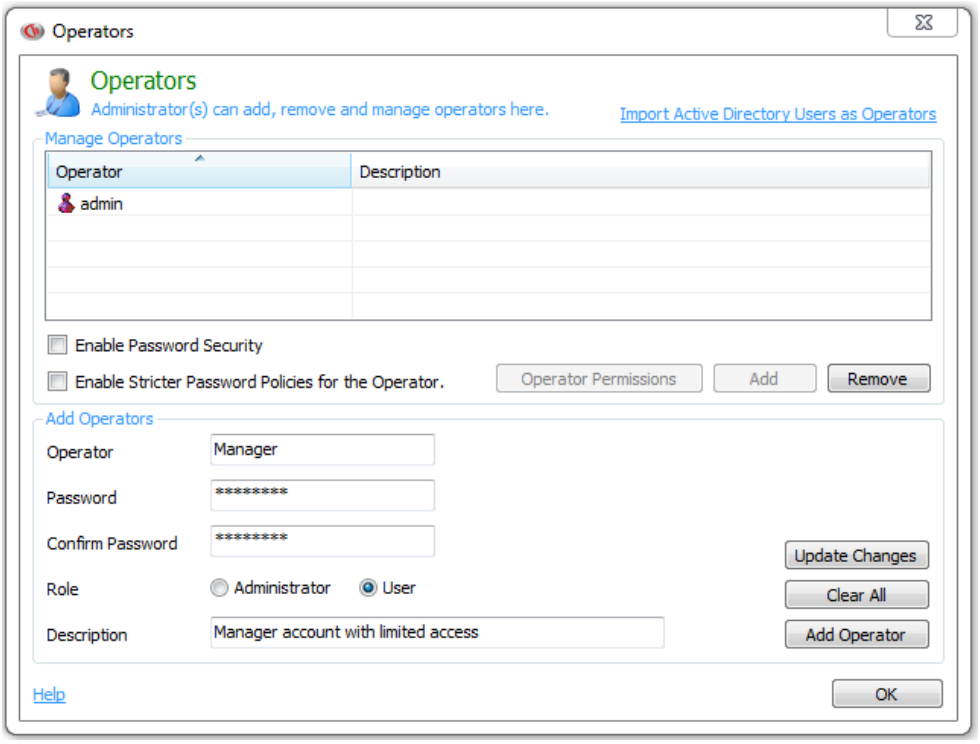
In order to password protect the console, operator accounts need to be created.

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 CurrentWare, 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.

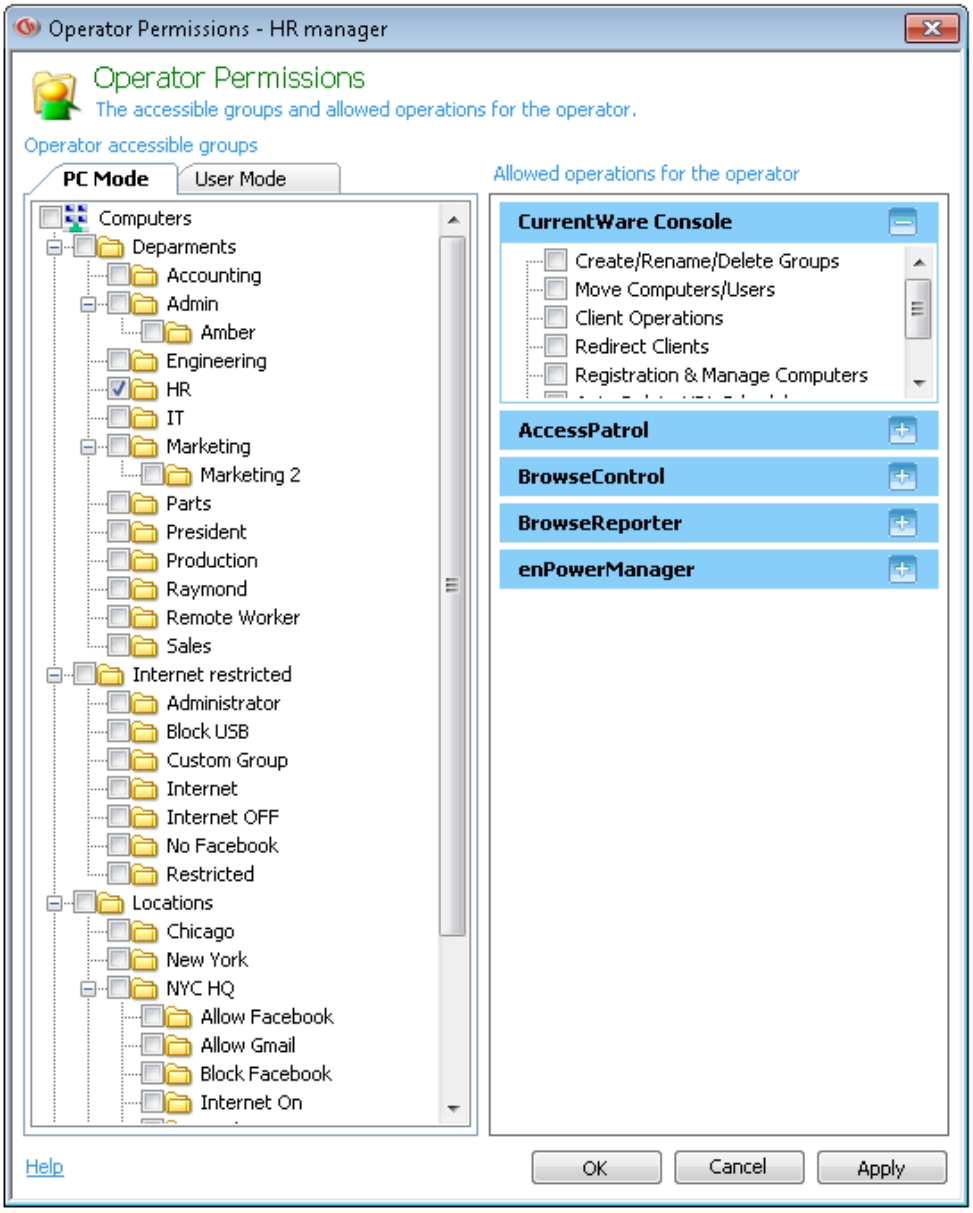
2.5.1 Operator Permissions

With operator permissions, you can assign each operator access to specific groups or specific solution operations.

This only applies to an operator with the user role. An operator with administrator role will have access to all groups and all operations.

Assign Access to Groups

Check the checkbox next to the group that you want the operator to have access to. The operator will only be able to see the computers/users under the checked group.



Assign Operations

Each solution along with the CurrentWare Console has specific operations you can assign to a user operator:

CurrentWare Console Operations

- Create/Rename/Delete Groups
- Move Computers/Users
- Client Operations
- Redirect Clients
- Registration & Manage Computers

- Auto Delete URL Scheduler
- Track Assets

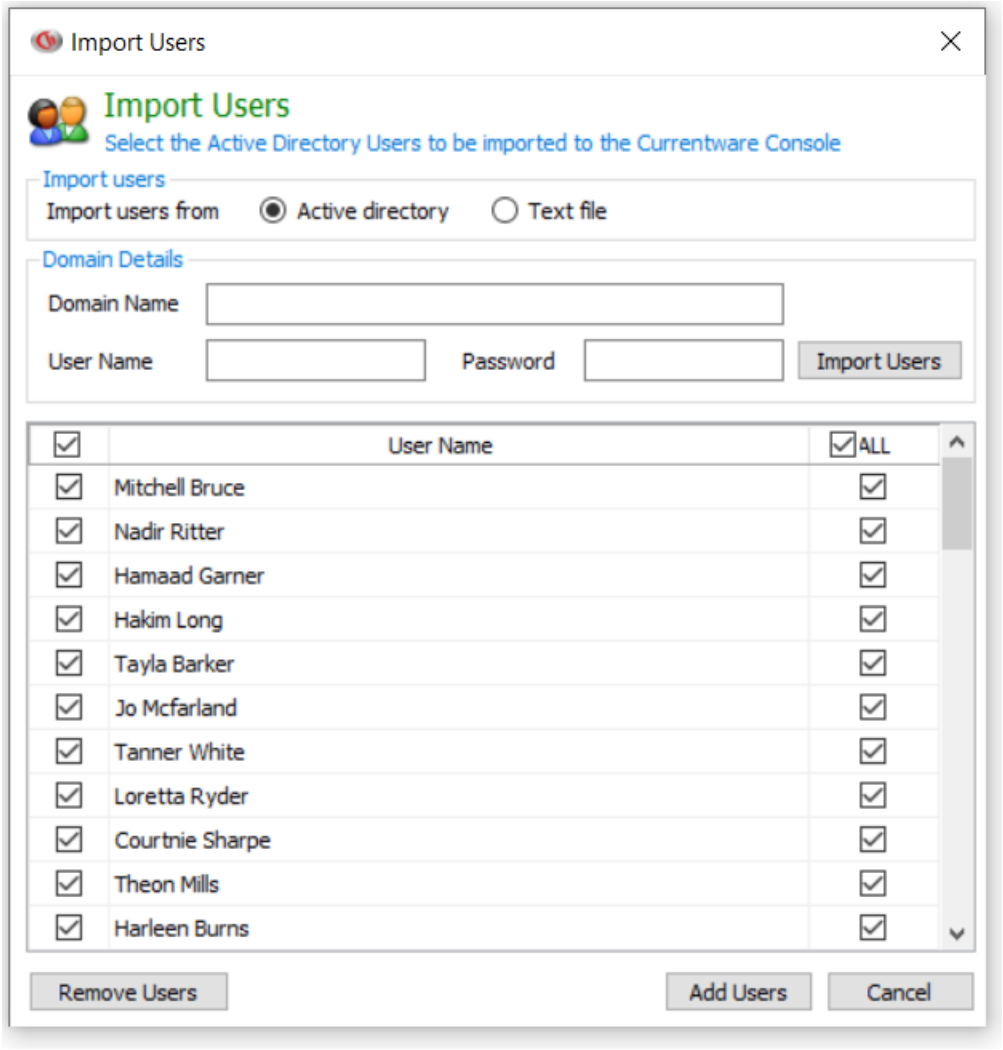
BrowseControl Operations

- Internet Settings
- On/Off
- Scheduler
- Timer
- Internet Quota Limit
- URL Filter (Add, Remove, Import and Export)
- Category Filtering
- HTTPS Settings
- App Blocker (Add, Remove, Import, Export and Scheduler)
- Display Warning Message
- Port Filter
- Download Filter
- Copy Group Settings
- BrowseControl Client Settings

2.6 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.

2.7 Database Backup Scheduler

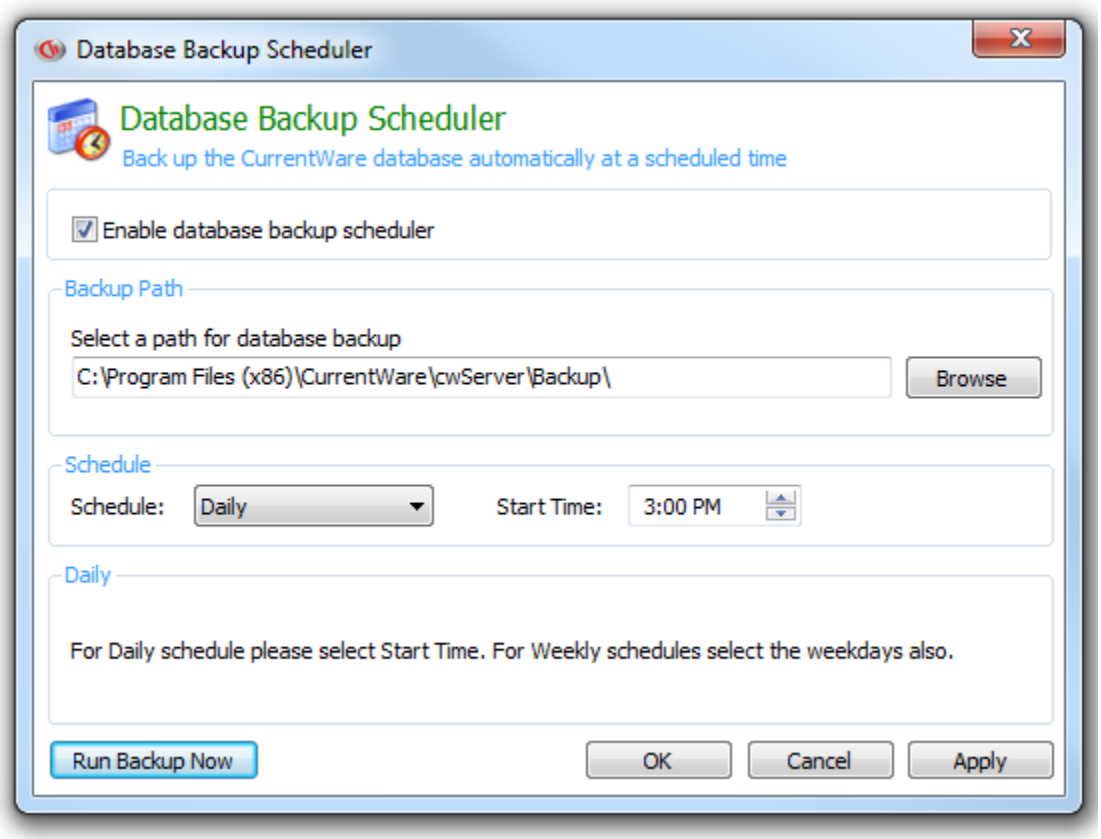
The Database Backup Scheduler automatically backs up the CurrentWare database (CWNPFB.CWD) at a scheduled time.

The database will be backed up into the following default directory:

\Program Files (x86)\CurrentWare\cwServer\Backup

Up to a maximum of 10 of the newest databases will be backed up into the folder.

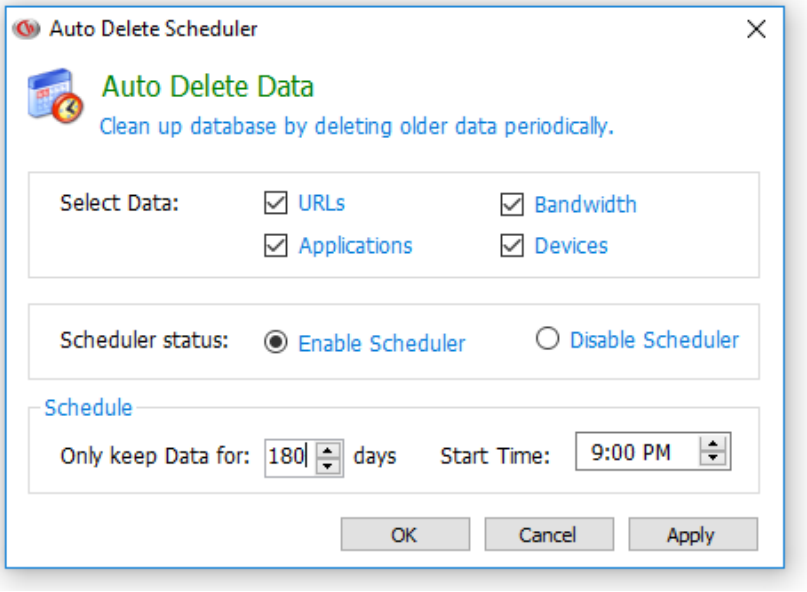
You can perform a one-time back up by clicking on the “Run Backup Now” button.



Automatically back up your database at a scheduled time.

2.8 Auto Delete Scheduler

Automatically delete URL, bandwidth, application and device histories from your database. An optimized database will improve the performance of the CurrentWare Console and reduce the time it takes to generate reports.



In this example, data older than 180 days will be deleted automatically every day at 9:00 PM.

Only Keep Data for: Select the number of days you want to keep your Internet data. The Auto Delete scheduler will automatically delete any data that are older than the day that you selected.

Start Time: The scheduler will be executed at this time. During the data cleanup, the Console may close briefly (depending on your database size, the time is takes for the cleanup will vary). After the cleanup is completed, you can resume using the CurrentWare Console.

The CurrentWare Server must be turned on at the Start Time for the cleanup process to happen.

Database Compression to reduce file size: Database compression is a heavy process and during the compression, the cwServer will be down. So, we do not perform compression each time the Auto delete scheduler is triggered. Instead, the compression only run once every 3 schedules and only if the database is larger than 500 MB.

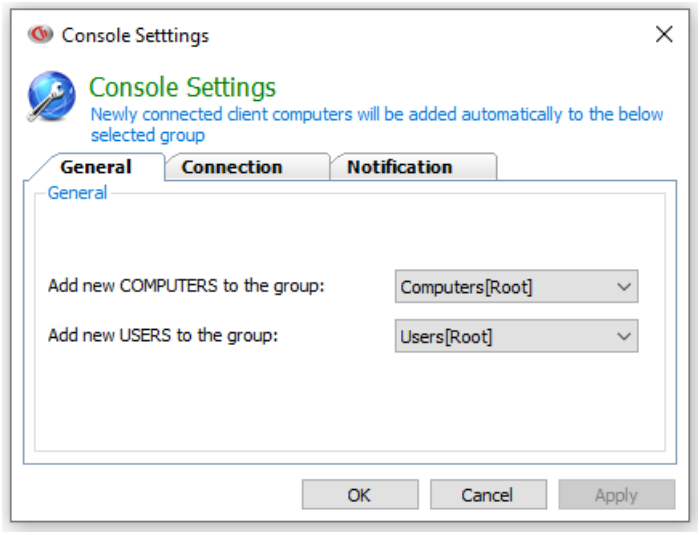
2.9 Console Settings

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

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.

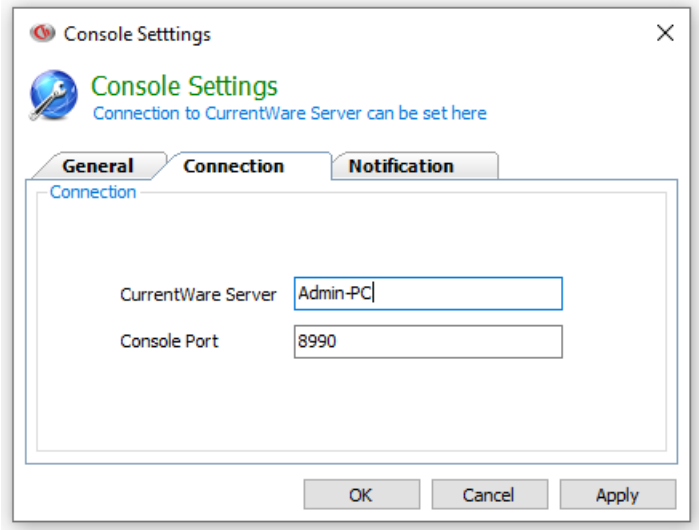
Add new Users to the group: define the group that a new user will automatically be assigned to once it is populated to the CurrentWare Server for the first time.



Connection

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

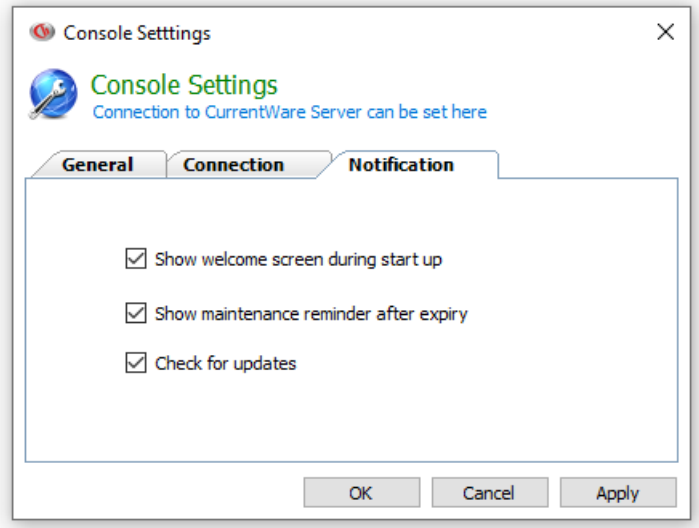
Console Port: The port that CurrentWare Console uses to connect to the CurrentWare Server. The default Console port is 8990.



Notification

Enable/disable the following notifications:

- Show welcome screen during start up
- Show maintenance reminder after expiry
- Check for updates



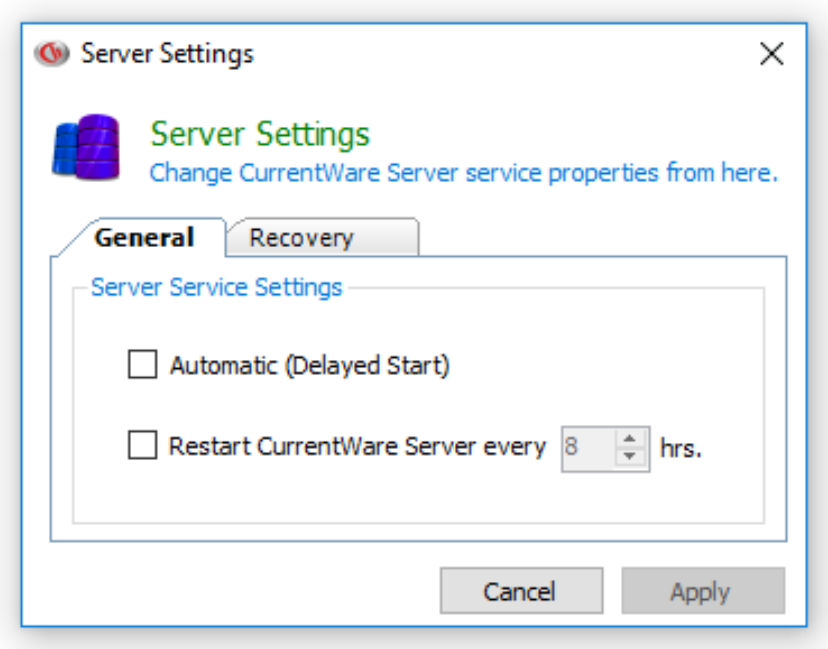
2.10 Server Settings

Use the Server Settings to change the CurrentWare Server service start up type and recovery mode.

Server Service Settings

Automatic (Delayed Start): Enable this option if you are having issue with the CurrentWare Server service not starting during boot up.

Restart CurrentWare Server Every 8 hours: Enable this option to reset any CurrentWare Server service issues every 8 hours.



Recovery

The CurrentWare Server service is set to “Restart the Service” if it runs into any failures. This will prevent the CurrentWare Server service from stopping unexpectedly.

2.11 Log Out

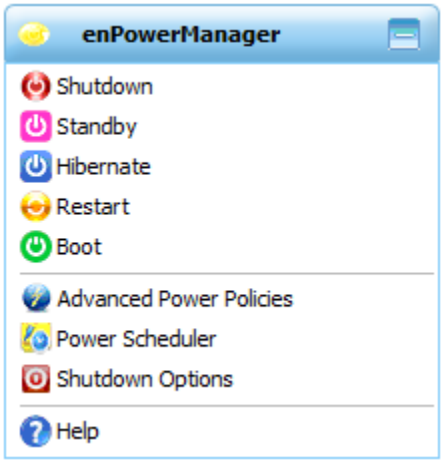
Log Out can be used to re-log into the Console with a different user name and password. This feature can be found under the menu **File → Logout**.

3.0 Overview of enPowerManager Functions

enPowerManager is a power management tool that allows an administrator to control the power consumption of the workstations on the network.

An overview of the enPowerManager functions includes:

- **Shutdown, Standby, Hibernate, Restart and Boot**
- **Advanced Power Policies**
- **Power Scheduler**
- **Shutdown Options**



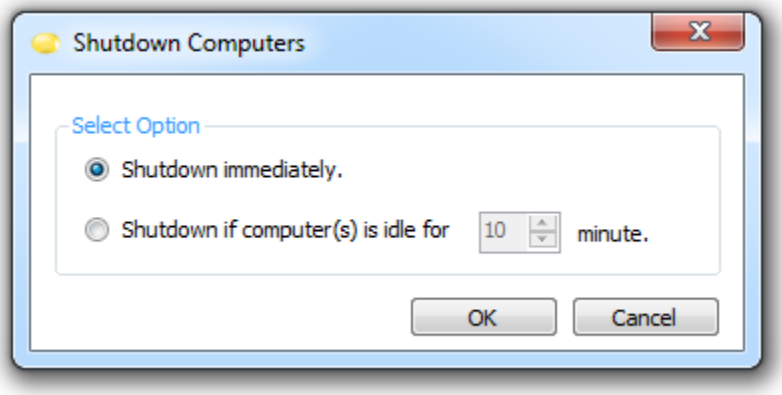
enPowerManager Solution Functions.

4.0 Power Manager

enPowerManager modifies the power status of a computer remotely:

- **Shutdown**

  Perform a system shutdown of a remote computer. You can shut down the computer immediately or shut down only if the computer is idle. The idle state is when no keyboard and mouse activities are happening on the computer.



- **Standby**

  Put your computer into standby mode.

- **Hibernate**

  Put your computer into hibernate mode.

- **Restart**

  Reboot your computer.

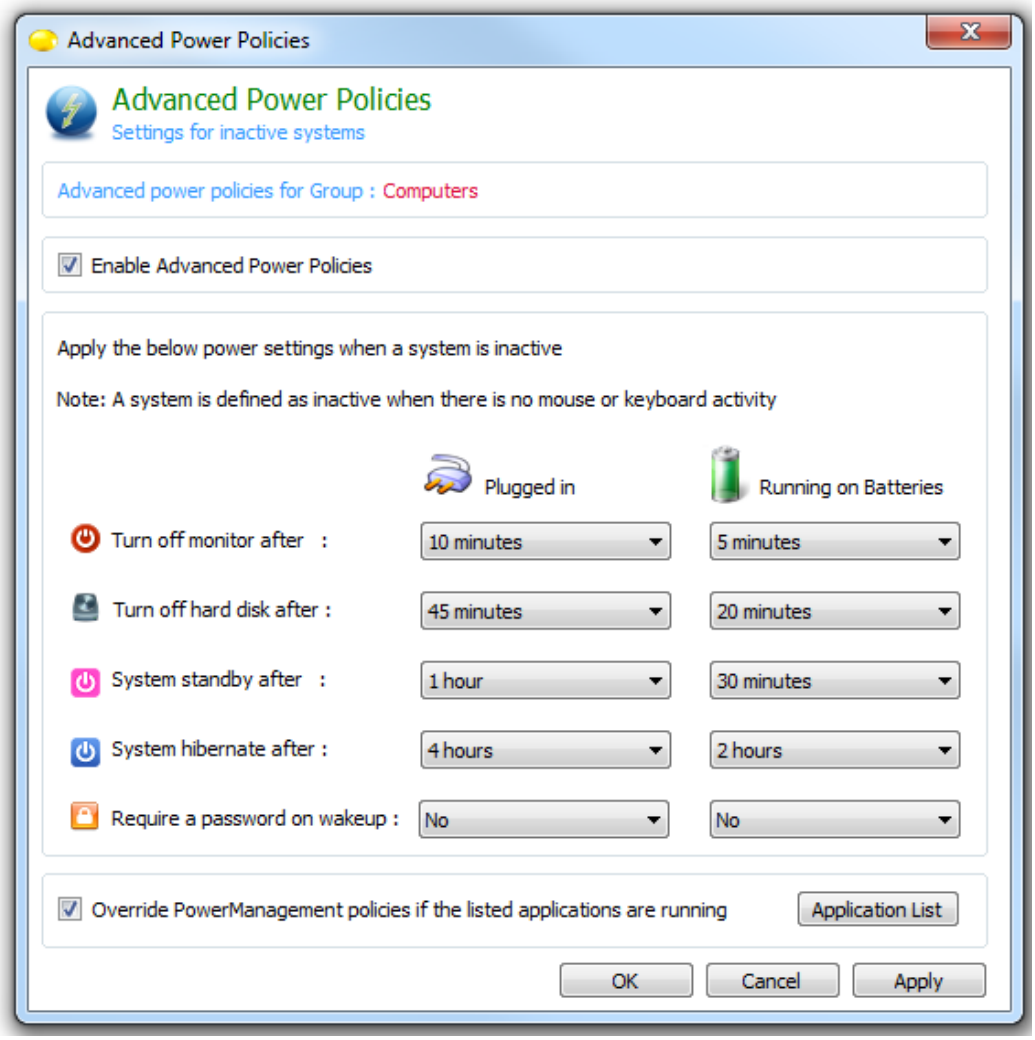
- **Boot Up**

  Remotely boot up your computer using Wake on LAN.

4.1 Advanced Power Policies

With enPowerManager's Advanced Power Policies, you can manage the power activities of a computer that is plugged in (i.e. desktops and servers) or running on batteries (i.e. laptops).

The power policies override the user's existing power options on the system.



Advanced Power Policies.

Power Policies:

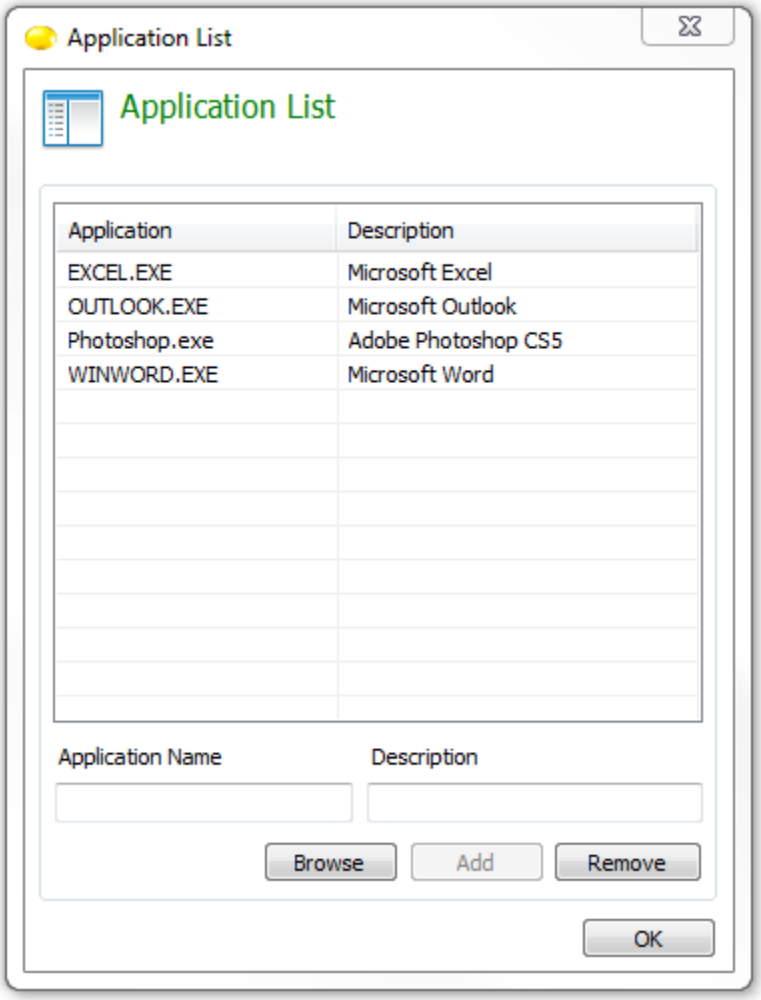
- Turn off monitor after a defined period
- Turn off hard disk after a defined period
- System standby after a defined period
- System hibernate after a defined period

4.1.1 Override Power Management Policies If the Listed Applications Are Running

The option to “override power management policies if the listed applications are running” can be enabled to prevent a computer from going into a power state.

If a computer meets the time period to go into a power state but a specific application is running from the application list, the computer will not go into the defined power state.

All applications on the application list must be closed before a computer can go into a power state.



The applications on the list will override the power management policy.

4.2 Power Scheduler

With the power scheduler, the administrator can define the time that the computers on the network will automatically shut down or boot up.

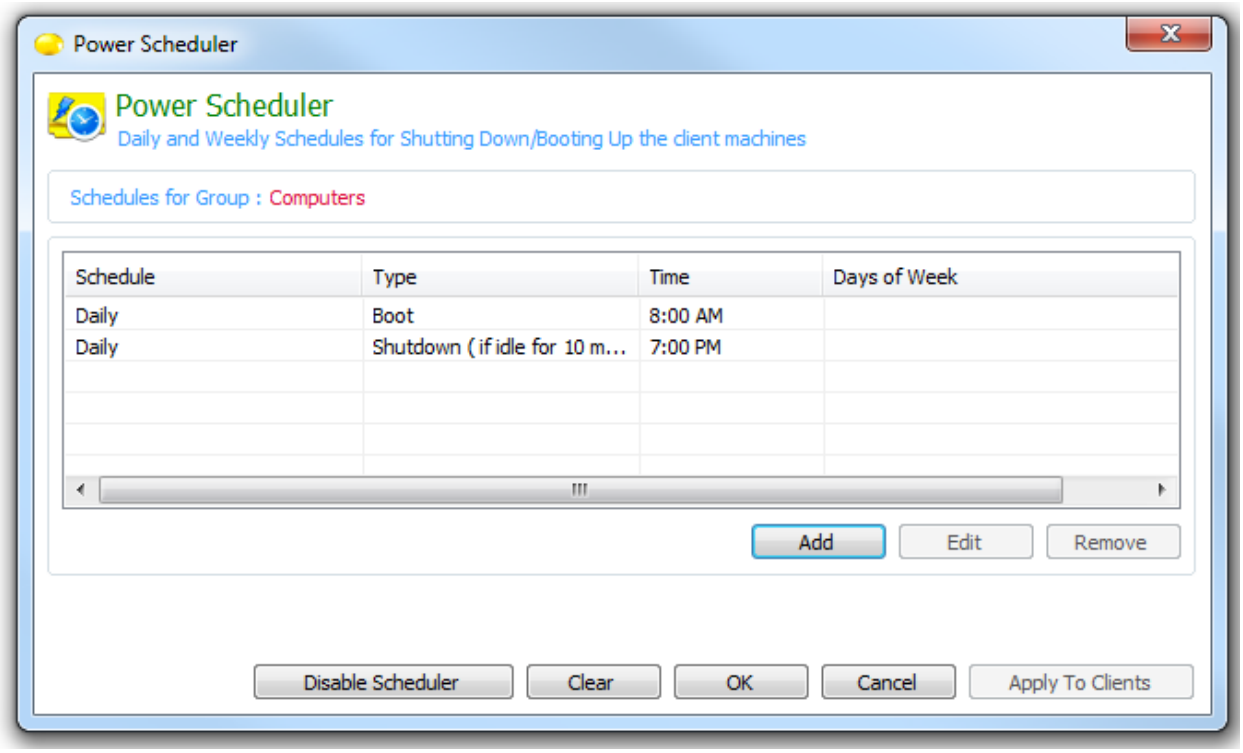
With the correct power policies in place and the usage of enPowerManager, an organization can reduce substantial costs of their energy consumption of their computers.

Power Type:

- Shutdown
- Standby
- Hibernate
- Boot

Schedule:

- Daily
- Weekly



Power Scheduler.

How to Add a Power Schedule

1. Select the **Schedule type.**
    a. If you have selected Weekly, you will need to select the days of the week that you want to enable the schedule for.
2. Select the **power type.**
3. Select the **time.**
4. Click on the **Add Schedule** button.
5. Click on the **Enable Scheduler** button.
6. Click on the **Apply** button.

4.3 Shutdown Options

A message can be sent to the user's computer before the administrator performs the shutdown. This message will warn the user about the shutdown and encourage them to save all their work before the process begins.

The **Shutdown** function is located on the enPowerManager tab on the right-hand side on the CurrentWare Console.

Create a message to display on your user's computer before the shutdown process begins.

5.0 CurrentWare Server Manager

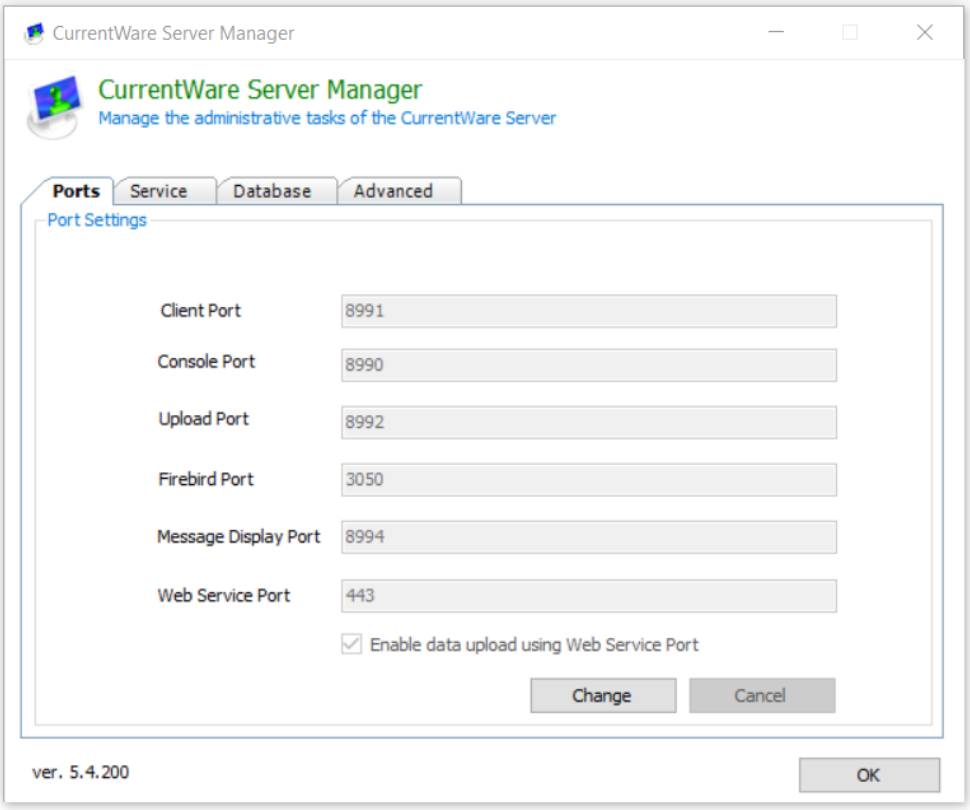
The CurrentWare Server Manager is used to manage the administrative tasks of the CurrentWare Server.

To access the Server Manager, click on the **Start Menu > Programs > CurrentWare > CurrentWare Server Manager.**

5.1 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 ports are listed in the screenshot below.

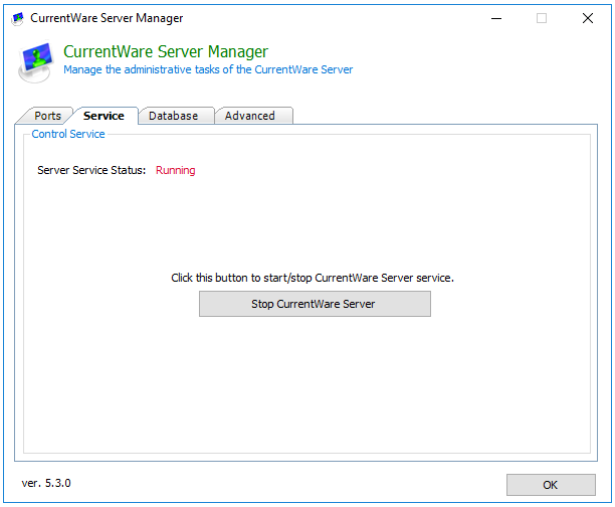


CurrentWare Server Manager.

- **Client Port:** the port connection between the CurrentWare Client and the CurrentWare Server.
- **Console Port:** the port connection between the CurrentWare Client and the CurrentWare Consoles.
- **Upload Port:** the port used to upload BrowseReporter (URL, BW and APP) and AccessPatrol data from the CurrentWare Client to the CurrentWare Server.
- **Firebird Port:** the port connection between the CurrentWare Server and the Firebird database.
- **Message Display Port:** the port used by BrowseControl's Web Filter (UIA) to display the warning messages.
- **Web Service Port:** the alternative port used to upload BrowseReporter (URL, BW and APP) and AccessPatrol data from the CurrentWare Client to the CurrentWare Server.

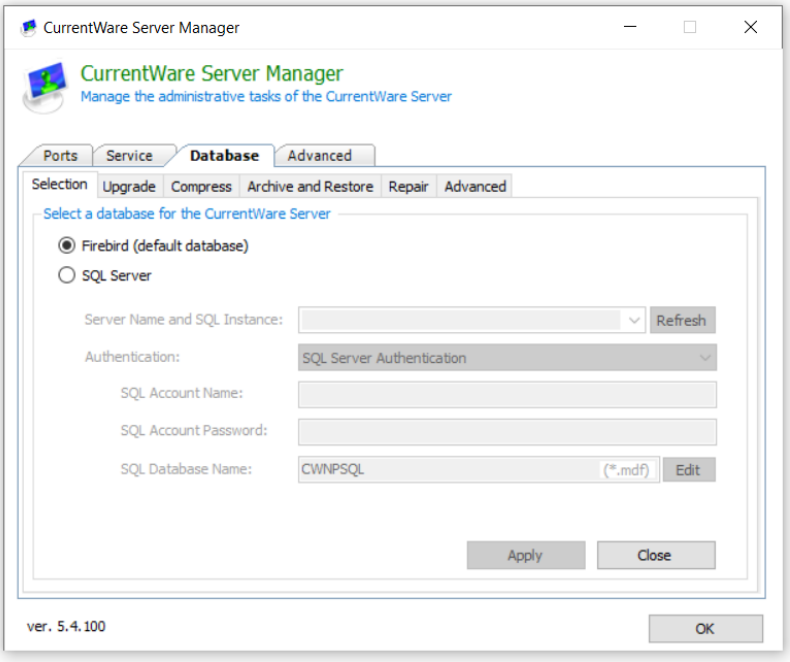
5.2 Stopping the CurrentWare Server Service

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



5.3 CurrentWare Database Selection

Database selection lets you choose between using the default Firebird database or your own SQL Server.



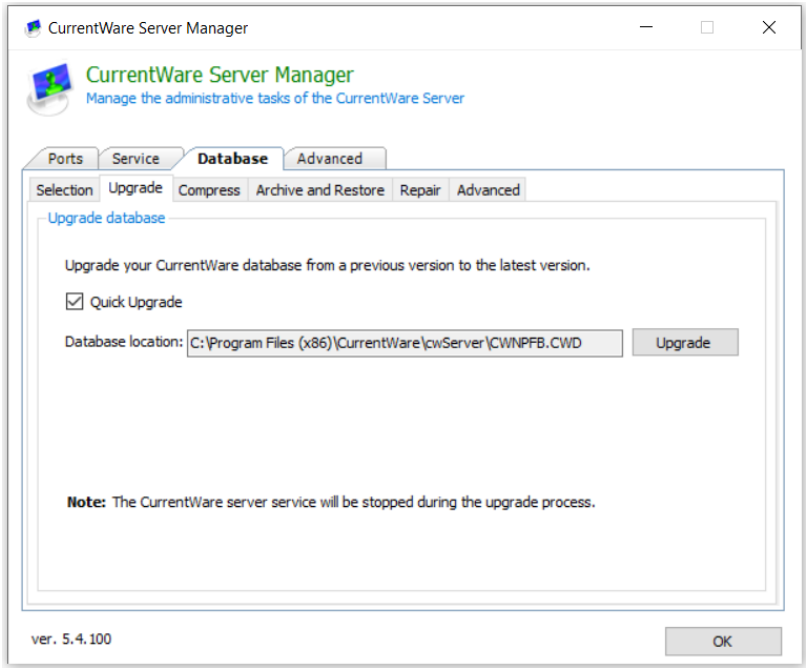
5.4 Upgrading the CurrentWare Database

Use this option to upgrade an older CurrentWare database to the same version as the CurrentWare Server.

The CurrentWare database file must be located in:

C:\Program Files(x86)\CurrentWare\cwServer\CWNPFB.CWD

Quick Upgrade: Use this option to perform a quick upgrade of the CurrentWare database. If you run into any issues with the database upgrade, uncheck this option and try again.

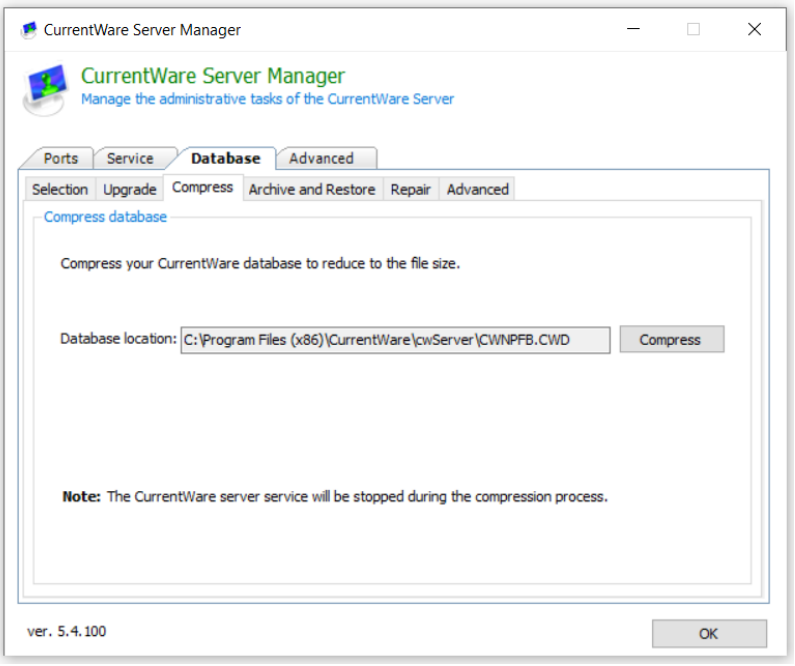


5.5 Compress the CurrentWare Database

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.



5.6 Archive and Restore the CurrentWare 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.

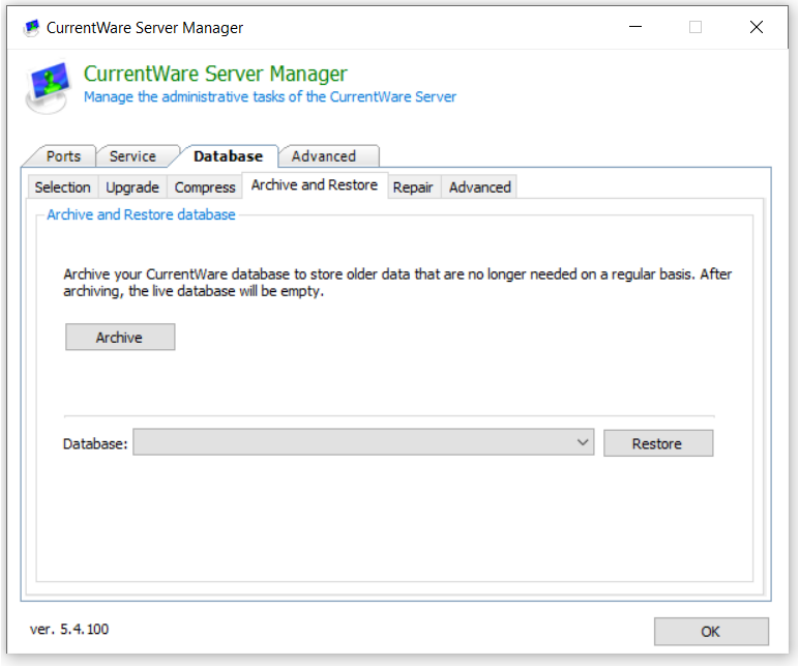
To Archive your CurrentWare Database:

1. Under the **Archive and Restore** tab, click on the **Archive** button.
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.

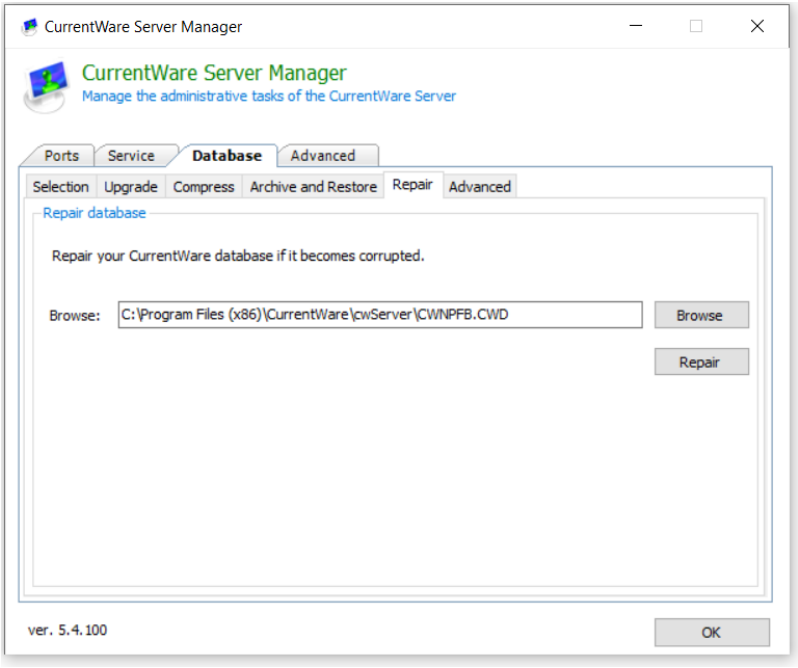
Restoring an Archived Database:

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.



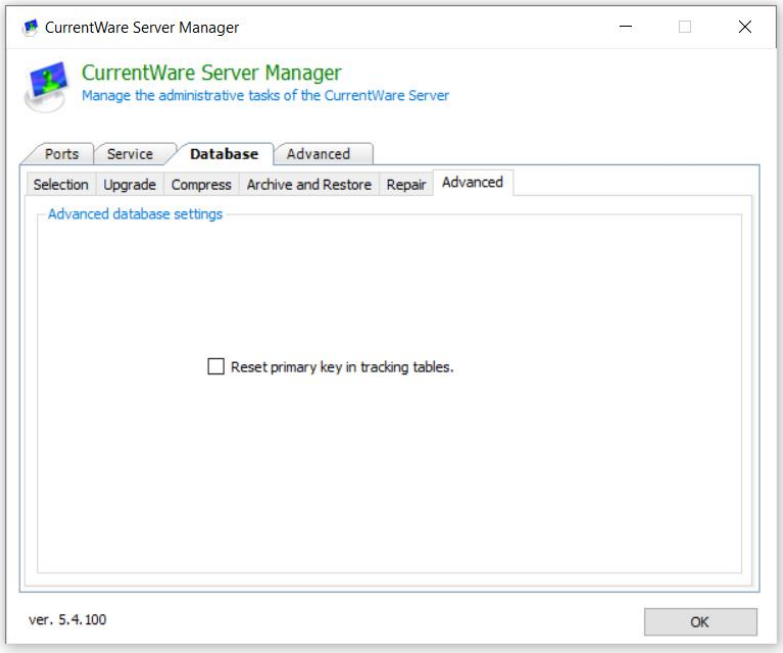
5.7 Repairing the CurrentWare Database

When you are unable to start the cwServer because the CWNPFB database has been corrupted, use this option to repair your existing database.



5.8 Reset Primary Key

Advanced troubleshooting option for resetting primary key used for the data upload process. Only make changes to this option if it was recommended by the CurrentWare support team.



5.9 Advanced

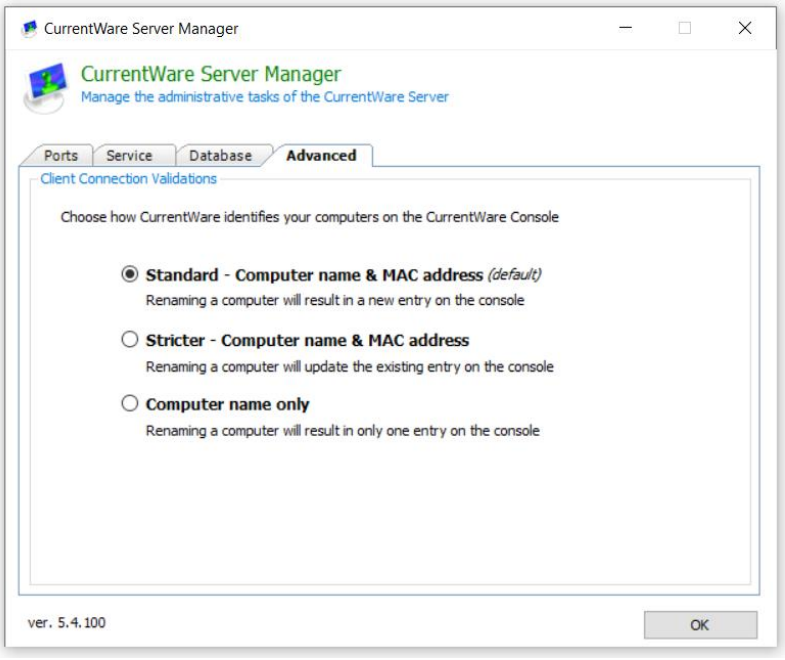
Enabling Stricter client connection handshake will add another layer of validation to the client connection process.

- **Standard – Computer Name & MAC Address (default)**

  Renaming a computer will result in a new computer entry on the CurrentWare Console.
- **Stricter – Computer name & MAC Address**

  Renaming a computer will update the existing computer's name on the CurrentWare Console if the MAC address matches an existing computer.
- **Computer Name Only**

  Renaming a computer will always result in a new computer entry on the CurrentWare Console.


CurrentWare Server Manager
CurrentWare Server Manager
Manage the administrative tasks of the CurrentWare Server
Ports
Service
Database
Advanced
Client Connection Validations
Choose how CurrentWare identifies your computers on the CurrentWare Console
Standard - Computer name & MAC address (default)
Renaming a computer will result in a new entry on the console
Stricter - Computer name & MAC address
Renaming a computer will update the existing entry on the console
Computer name only
Renaming a computer will result in only one entry on the console
ver. 5.4.100
OK

6.0 Licensing

CurrentWare Solutions are licensed on a per-computer basis for client management.

The evaluation copy of CurrentWare is functional on a maximum of 10 computers for 14 days.

6.1 Register your Permanent License key

After you have purchased BrowseControl, BrowseReporter, enPowerManager or AccessPatrol 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. Copy your **Organization's name, number of licenses and Activation Code** from the licensing email sent to you.
5. Click on the **Register** Button.
6. Your CurrentWare Console has now been registered.
7. Click on **Next** to manage the computers you want to apply the license keys to.

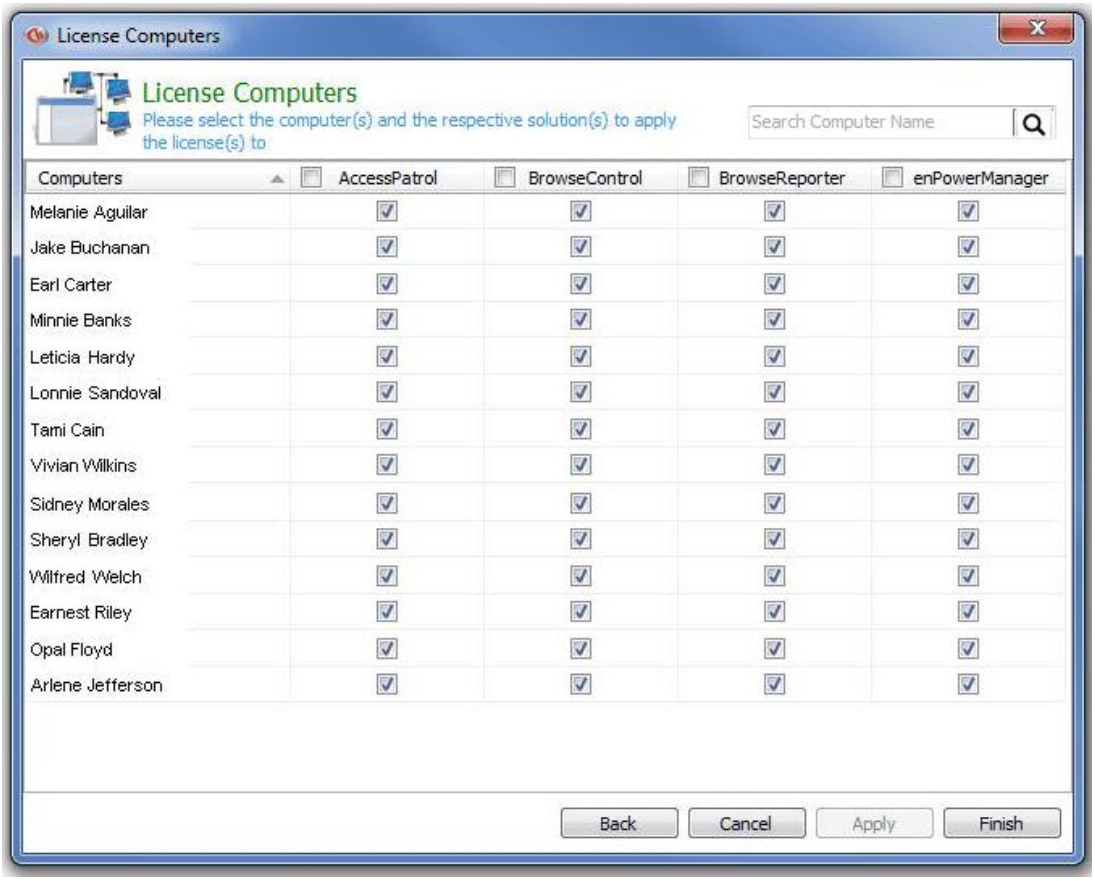
6.2 License Management

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

You will need to manage your CurrentWare Licenses if you have applied your license key before installing your CurrentWare Clients.

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.

7.0 Uninstall CurrentWare Server, Console and Solutions

7.1 Uninstalling the CurrentWare Solutions

1. On the CurrentWare Console, go to Help > Licensing.
2. Select the solution you want to remove and click the “Remove button”.
3. The CurrentWare Console will restart and the selected solution will be removed.

7.2 Uninstalling the CurrentWare Server and Console

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

1. Go to Control Panel > Programs > Uninstall a Program.
2. Select CurrentWare and click “Uninstall”.
3. The CurrentWare Server and Console will be uninstalled.

8.0 Uninstall CurrentWare Client

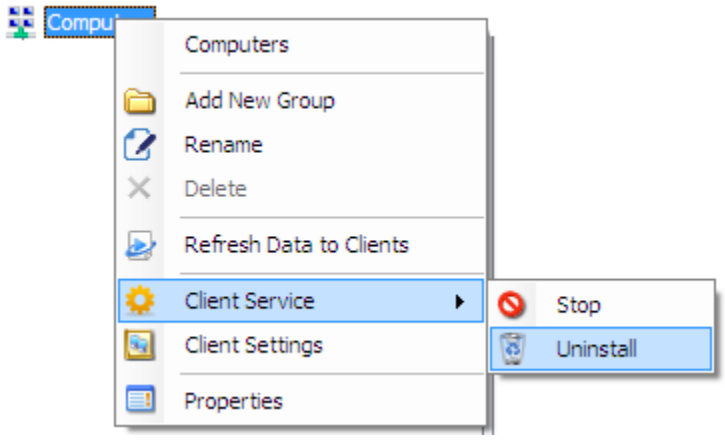
The CurrentWare Client can be uninstalled by three different methods:

- **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.**

8.1 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.



8.2 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):

For 32-bit Windows PC

C:\Windows\SysWOW64\wcsystck\CwClient.exe –p Admin –u

For 64-bit Windows PC

C:\Windows\SysWOW64\wcsystck\CwClient.exe –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.

8.3 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.

1. On the Client computer, go to C:\Windows\System32\wcsystck (for 32-bit computers) or C:\Windows\SysWOW64\wcsystck (for 64-bit computers).
2. Double click on cwagent.exe.
3. When prompted for the CurrentWare Client password, type it in (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).
4. In the CurrentWare Client Configuration Window, click on the Uninstall button to uninstall the CurrentWare client from your workstation.

9.0 Technical Support

There are several ways to reach our technical support team.

By Email: Send us an email at support@currentware.com

By Phone: Call us at 613-368-4300.
Our hotline is available between 8 AM to 6 PM EST on weekdays.

Live Chat: Chat with a live agent on our website at https://www.currentware.com
Our live chat is 24/7.

11.0 Contacts

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OTHER COUNTRIES

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