

## **User Guide**

Revised in Sept, 2016



# CurrentWare Gateway

**Version 2.0**

Internet Gateway

## Table of Content

<b>1.0 Introduction to CurrentWare Gateway .....</b>	<b>4</b>
1.1 CurrentWare Gateway Features .....	5
<b>2.0 Installing the CurrentWare Gateway .....</b>	<b>7</b>
2.1 System Requirements .....	7
2.2 Configuring your Network for Gateway .....	9
2.3 Software Installation .....	12
<b>3.0 Console Overview .....</b>	<b>18</b>
<b>4.0 Manage Page .....</b>	<b>19</b>
4.1 The Root Group .....	20
4.2 Device Discovery .....	20
<b>5.0 Policies Page .....</b>	<b>22</b>
5.1 Overview .....	22
5.2 Add Policy .....	23
5.3 Using the Scheduler .....	27
<b>6.0 Reports Page .....</b>	<b>29</b>
6.1 Overview .....	29
6.2 Dashboard .....	30
6.2.1 Header Options - Dashboard .....	32
6.3 Reports .....	33

6.3.1 Header Options - Reports .....	36
6.3.2 Create Custom Reports.....	39
<b>7.0 Settings Page.....</b>	<b>40</b>
7.1 General Settings.....	40
7.2 Internet Filter .....	43
7.3 Internet Monitor .....	45

## 1.0 Introduction to CurrentWare Gateway

The CurrentWare Gateway is a server based solution which provides effective Internet filtering and monitoring functionalities for managing multiplatform devices. It can control and track Internet access on desktop computers, laptops, smartphones (i.e. iPhone, Windows and Android) and tablets (i.e. iPad, Galaxy and Surface).

The CurrentWare Gateway is based on an agentless architecture that does not require any installation on the client devices.

It includes an intuitive web based centralized console for the deployment of web access policies and reporting of real time browsing activities.

## 1.1 CurrentWare Gateway Features

### Multiplatform Management

The CurrentWare Gateway can control and monitor the traffic of any computing device that connects to the Internet through the Gateway. The compatibility list includes but is not limited to the following devices:

- Desktops: Windows, Mac, Linux
- Mobile/Tablets: Android, iOS, Blackberry, Windows Phone
- Laptops: Windows, MacBook, ChromeBook

### No Agent Installation

The installation and configuration of the CurrentWare Gateway is straightforward since it does not require any installation or configuration on client devices. This agentless infrastructure provides for a more flexible solution for managing both in house and guest devices, connecting to the company's Internet.

### URL Category Filtering

CurrentWare's extensive URL Category database includes over 100 categories, encompassing millions of URLs. Category Filtering is an accurate way of instantly controlling the websites that can be accessed across your organization. Block malicious and non-productive sites easily by restricting unauthorized URL categories.

### Custom Allow and Block Lists

The URL Allow and Block lists, enable you to add additional websites to complement the URL Category Filtering. The Allow List permits access to websites that would normally be

restricted if it is part of a blocked category. Conversely the Blocked List will restrict access to a site. The Allow and Block lists can also be used to create your own custom lists independently of Category Filtering.

## **File Type Blocking**

Managing URL traffic based on file types provides an additional dimension to securing your network. Block the downloading of files that would hog the bandwidth such as video and audio files or block the downloading of potentially malicious files. For example, you can allow Sports sites, but block video and audio media through File Type Blocking. File type blocking complements Category Filtering and Allow/Block Lists. Blocking of files can be implemented using the CurrentWare predefined file types or you can create new file types.

## **Web Monitoring**

Comprehensive report generation of the network traffic provides heightened visibility of employee browsing. Reports in the form of tables and charts provide real time data of user browsing activity.

## 2.0 Installing the CurrentWare Gateway

This section describes the system requirements, the network configuration and the installation steps for the CurrentWare Gateway.

### 2.1 System Requirements

#### Hardware Requirement

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

##### Networking

- **Network Card:** 2 Network Interface Cards.
- **Network Switch or Router:** For bridging the connection between the CurrentWare Gateway and your LAN.

##### Computer

- **Processor:** Minimum Core i3 with 2.0 GHz and above.
- **Memory:** At least 4GB of RAM.
- **Disk Space:** 5GB of available disk space.

#### Software Requirements

The CurrentWare Gateway is compatible with the following Operating Systems

- **Windows 8, 8.1 Professional and Enterprise (32 and 64 bit)**
- **Windows 10 Professional and Enterprise (32 and 64 bit)**

- **Windows Server 2012 R2**

**Note:**

Windows 2012 R2 engages NAT (Network Address Translation) or RRAS for Internet sharing.

Other supported operating systems, utilize ICS (Internet Connection Sharing)

Recommended Internet browsers for CurrentWare Gateway console include:

- **Internet Explorer 10 and above**
- **Microsoft Edge**
- **Mozilla Firefox 30 and above**
- **Google Chrome 35 and above**

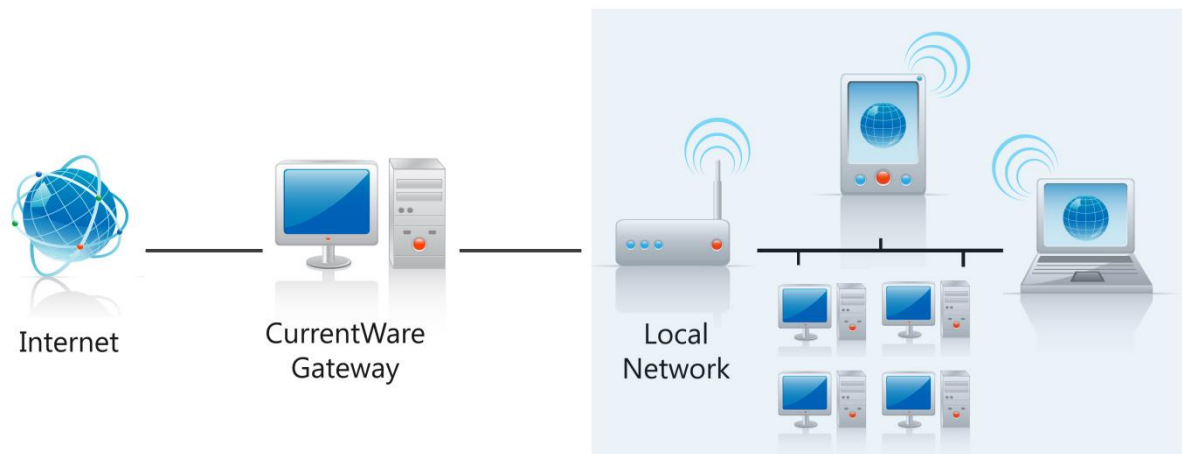


## 2.2 Configuring your Network for Gateway

The CurrentWare Gateway filters incoming and outgoing Internet traffic on your network without the installation of any client applications on your devices.

### A Typical Network Configuration

This diagram shows the network architecture with the CurrentWare Gateway on your network.

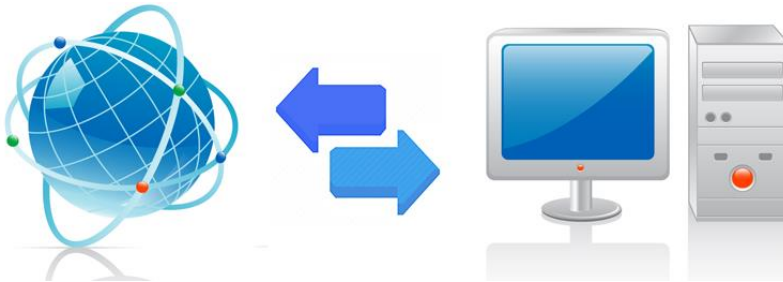


The CurrentWare Gateway must be placed between your Internet modem or router and the computers you wish to control.

**Note:** You must have two Ethernet ports available on your Gateway computer.

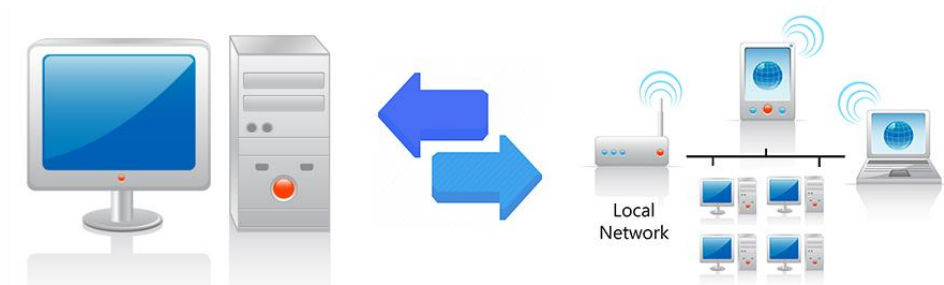


## Connect the first Ethernet port to the Internet



The first Ethernet port must be connected to a modem or a router that provides Internet connection.

## Connect the second Ethernet port to your LAN



The second Ethernet port should be connected to one of the following routing devices:

1. A network switch
- or
2. A router

If you are using a router, then please follow the below steps:

1. **Disable DHCP Server service on the router**

The DHCP Server service must be disabled on the router before connecting to the Gateway. The devices connected to the router will be obtaining their IP Addresses from the Gateway Sever.

- a. If DHCP Server service is enabled on the router, then the clients connected to that Router will be getting IP Address from the router's DHCP Server. In that case, the CurrentWare Gateway can only detect the router.

2. **Connect the Ethernet cable to the LAN port of the router**

The Ethernet connection from the Gateway computer must be connected to one of the LAN ports of the router. Do not connect it to the WAN port.

- a.

## 2.3 Software Installation

Follow the instructions below to install the CurrentWare Gateway.

### Before you begin your installation:

- Log in with an **Administrator account**.
- Turn off the Antivirus\Security applications during the installation to ensure the successful completion.
- We recommend using a dedicated server grade Operating System to ensure the proper functioning of the CurrentWare Gateway.
- The CurrentWare Gateway computer must have **two Ethernet ports**.
- The two Ethernet ports must be connected to the appropriate routing devices:
  - **First network card:** connected to a modem or a router with Internet access.
  - **Second network card:** connected to a network switch or router bridged to your LAN.

### For Operating Systems

- **Windows Server 2012 R2:** make sure the RRAS (Routing and Remote Access Services) role and NAT (Network Address Translation) feature is not enabled.
- **Windows 8 and 10:** make sure the Internet Connection Sharing (ICS) is not enabled

## CurrentWare Gateway Installation Steps

### 1. Running the Installer

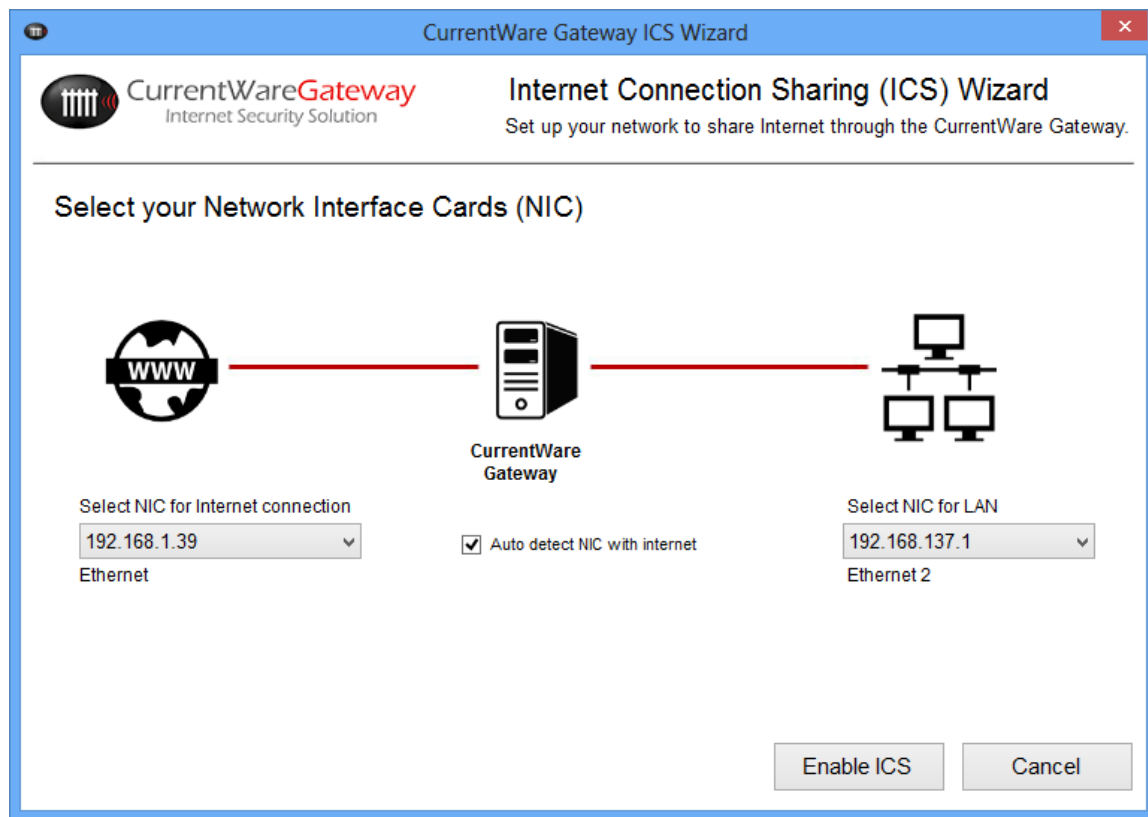
1. Run the **CurrentWareGateway.exe** file
2. The installer checks if the pre-requisite components are installed and will automatically install the missing components.
3. Click **Install** to start the installation of the **CurrentWare Gateway**.
4. The CurrentWare Gateway will take 5 to 15 minutes to install.

### 2. Running the Gateway Network Setup Wizard

After the CurrentWare Gateway is installed, the Internet Connection Sharing Wizard will pop up automatically to help you set up for the first time. The Gateway network Setup Wizard steps through the process of allowing Internet traffic to the clients using ICS or NAT technology.

## Gateway Network Setup Wizard for ICS technology

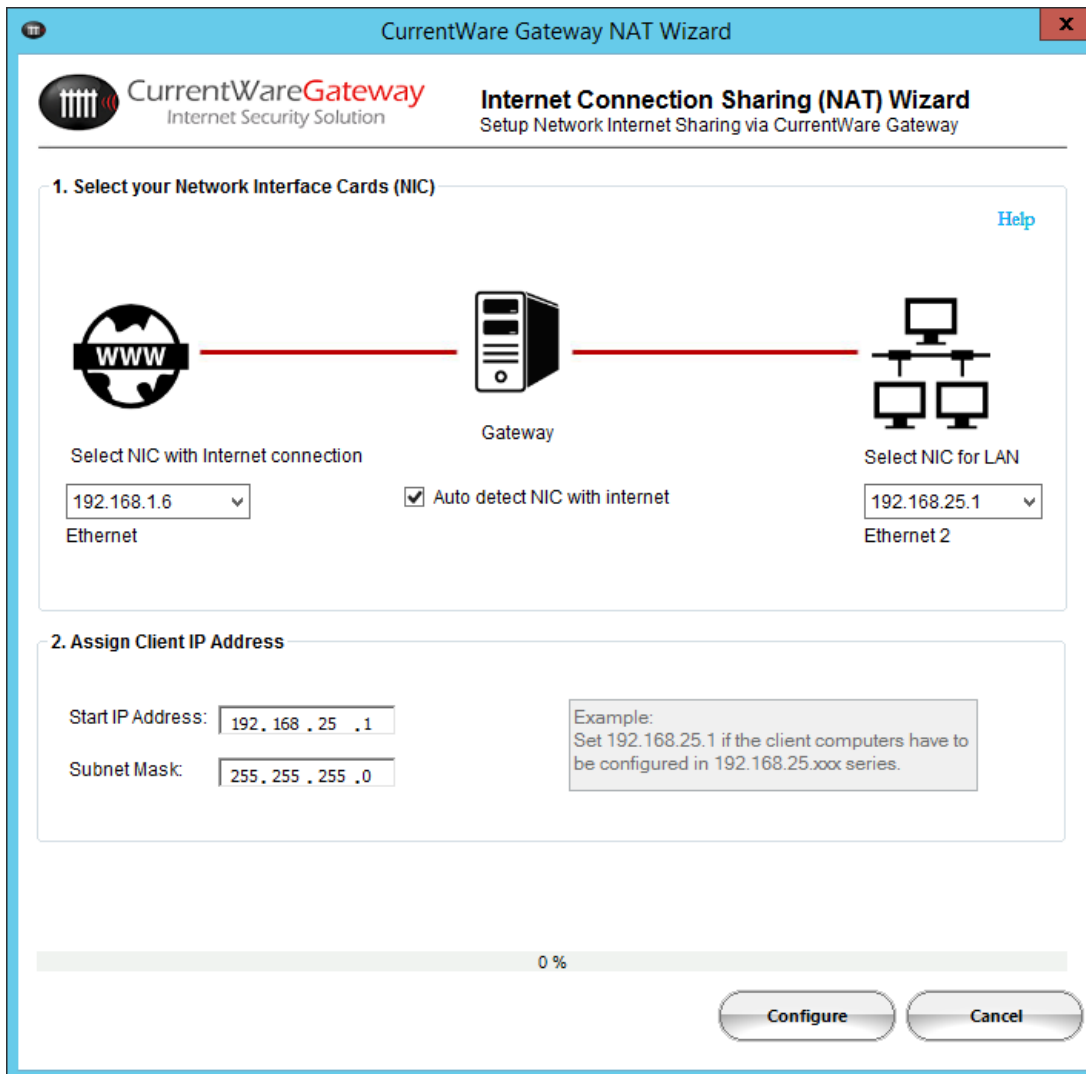
For Windows 8, 8.1 and 10



1. On the drop-down list to the left, select the network card that is connected to the Internet.
2. Or use the check box (Auto Detect NIC with Internet) to automatically select the network card with Internet connection.
3. On the drop-down list to the right, select the network card that is connected to the **Local Area Network (LAN)**.
4. Click on **Enable ICS** button.
5. The status will change to Sharing completed successfully.

## Gateway Network Setup Wizard for NAT technology

For Windows Server 2012 R2



The screenshot shows the 'CurrentWare Gateway NAT Wizard' window. The title bar reads 'CurrentWare Gateway NAT Wizard'. The main window has a blue header with the CurrentWare Gateway logo and the text 'Internet Connection Sharing (NAT) Wizard Setup Network Internet Sharing via CurrentWare Gateway'. Below the header, the first step is '1. Select your Network Interface Cards (NIC)'. A diagram shows a 'WWW' icon connected to a 'Gateway' server icon, which is then connected to a LAN of three computer icons. Below the diagram, there are two sections: 'Select NIC with Internet connection' and 'Select NIC for LAN'. The first section has a dropdown menu showing '192.168.1.6' and 'Ethernet', and a checked checkbox labeled 'Auto detect NIC with internet'. The second section has a dropdown menu showing '192.168.25.1' and 'Ethernet 2'. Below these sections is the second step, '2. Assign Client IP Address', which contains fields for 'Start IP Address' (192, 168, 25, 1) and 'Subnet Mask' (255, 255, 255, 0). An example box states: 'Example: Set 192.168.25.1 if the client computers have to be configured in 192.168.25.xxx series.' At the bottom, there is a progress bar at 0% and two buttons: 'Configure' and 'Cancel'.

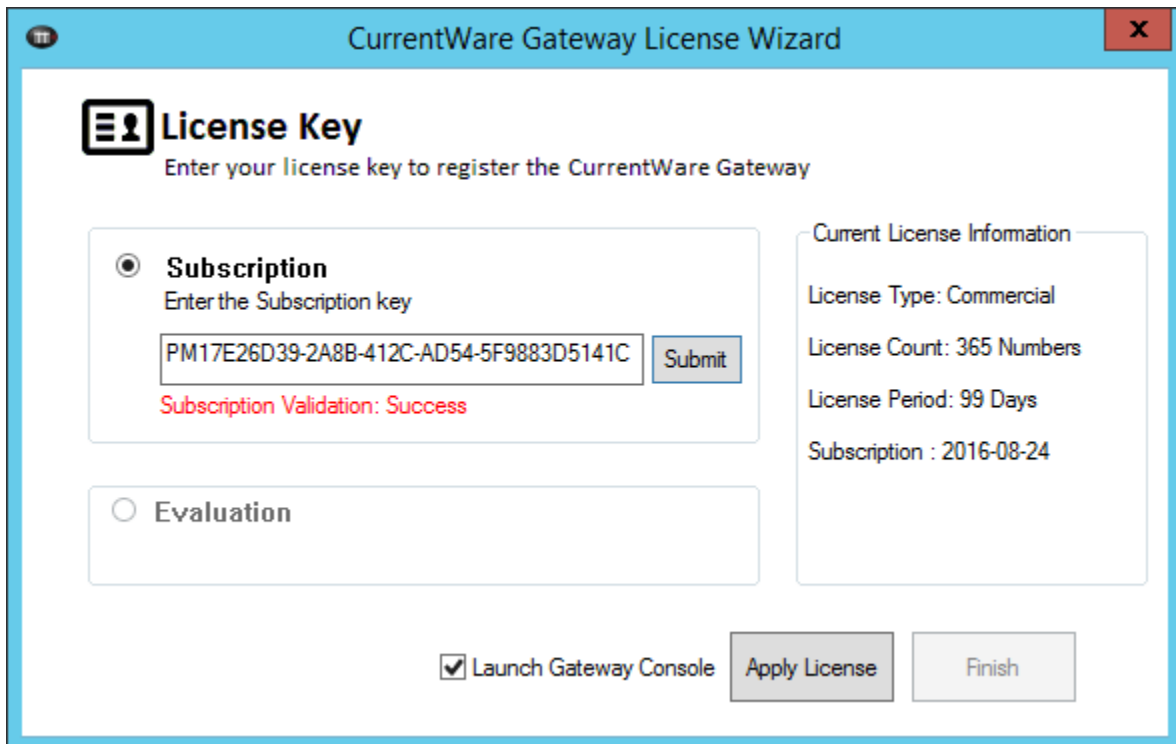
1. On the drop-down list to the left, select the network card that is connected to the **Internet**.
2. Or use the check box (**Auto Detect NIC with Internet**) to automatically select the network card with Internet connection.
3. On the drop-down list to the right, select the network card that is connected to the **Local Area Network (LAN)**.

4. Verify the **Default IP Address range** (192.168.1.25) on the 'Assign Client IP Address'. Enter a valid IP Address range if you would like to change the default range.
5. Click on **Configure** button.
6. The wizard will be closed after successful completion.

### 3. Running the License Wizard

Before you use the CurrentWare Gateway, you must enter a subscription key or select the Evaluation radio button to start the Gateway in evaluation mode.

The subscription key is sent to you by our licensing department after you have completed your purchase of the software.



The image shows a screenshot of the 'CurrentWare Gateway License Wizard' window. The window has a blue title bar with the text 'CurrentWare Gateway License Wizard' and a close button (X) in the top right corner. Inside the window, there is a section titled 'License Key' with a key icon and the instruction 'Enter your license key to register the CurrentWare Gateway'. Below this, there are two radio buttons: 'Subscription' (selected) and 'Evaluation'. The 'Subscription' section contains a text box with the key 'PM17E26D39-2A8B-412C-AD54-5F9883D5141C', a 'Submit' button, and a red message 'Subscription Validation: Success'. To the right, there is a box titled 'Current License Information' containing the following details: 'License Type: Commercial', 'License Count: 365 Numbers', 'License Period: 99 Days', and 'Subscription : 2016-08-24'. At the bottom of the window, there is a checkbox labeled 'Launch Gateway Console' which is checked, and two buttons: 'Apply License' and 'Finish'.

1. Enter your **subscription key**.
2. Click on the **Submit** button to register your key with our licensing server.



3. Once the registration is completed, your licensing information will be displayed on the right hand side.
4. Click **Apply License** to complete the licensing process.

### **To evaluation CurrentWare Gateway**

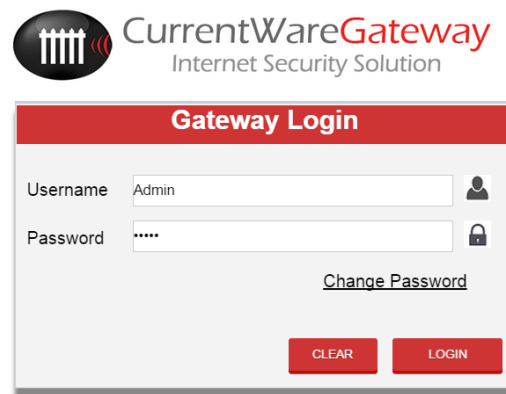
Select Evaluation radio button and click Apply License. The evaluation mode lets you try the CurrentWare Gateway with 10 devices for 14 days.

## 3.0 Console Overview

The CurrentWare Gateway Console is a web based application allowing the Administrator to configure the Gateway settings, deploy web access policies and run monitoring reports.

### Starting the CurrentWare Gateway Console

- To start the Gateway Console, double click on the CurrentWare Gateway Console shortcut on your desktop.
- The Gateway Console can also be accessed, by entering <http://localhost:8001> on the Internet browser from the Server computer.
- Remotely, the Gateway Console can be accessed by entering <http://GatewayServerIP:8001> on the Internet Browser from any client devices. (*Please enter the Gateway server machine's IP address on the URL*)



### Logging into the CurrentWare Gateway

Every time the Gateway Console is launched, you will be prompted to enter the username and password.

*Note: To access the Gateway Console for the first time, you must use the default user name and password.*

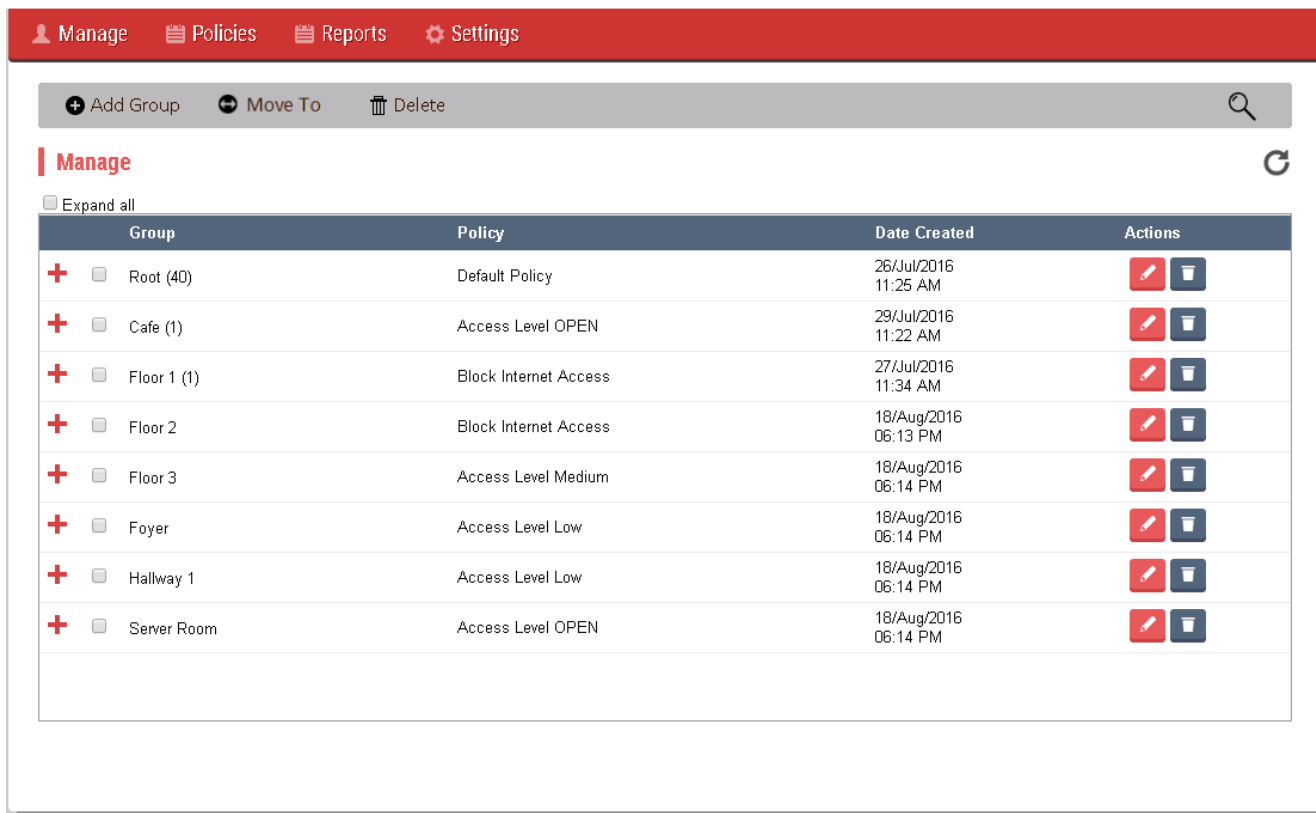
You can change the password by clicking on the **Change Password** link.

Default Username: **Admin**

Default Password: **Admin**

## 4.0 Manage Page

The Manage page allows the administrator to organize the devices on your network. This page allows you to add groups, assign devices to the groups and edit/delete groups.



Group	Policy	Date Created	Actions
+ <input type="checkbox"/> Root (40)	Default Policy	26/Jul/2016 11:25 AM	
+ <input type="checkbox"/> Cafe (1)	Access Level OPEN	29/Jul/2016 11:22 AM	
+ <input type="checkbox"/> Floor 1 (1)	Block Internet Access	27/Jul/2016 11:34 AM	
+ <input type="checkbox"/> Floor 2	Block Internet Access	18/Aug/2016 06:13 PM	
+ <input type="checkbox"/> Floor 3	Access Level Medium	18/Aug/2016 06:14 PM	
+ <input type="checkbox"/> Foyer	Access Level Low	18/Aug/2016 06:14 PM	
+ <input type="checkbox"/> Hallway 1	Access Level Low	18/Aug/2016 06:14 PM	
+ <input type="checkbox"/> Server Room	Access Level OPEN	18/Aug/2016 06:14 PM	

- **Add Group:** Add a new group to assign a new Internet policy to it. You can assign policy to a group during the Add Group window. You can also assign a policy to the group in the Policies Page.
- **Move To:** By default, a newly discovered network device will be added to the Root group. The Move To option moves the client device to a different group.
- **Delete:** Use the Delete button to remove a group/device from the list.
- **Search:** Click on the search button to expand the search bar. Search by group, device, IP address, policy, MAC Address or Date created.

- **Edit:** Edit the group name by clicking on the Edit button under the Actions column.

## 4.1 The Root Group

A default group called **Root** is automatically created when the CurrentWare Gateway is installed. When a new device connects to the Gateway, it will be assigned to the Root group. The Root group cannot be deleted or renamed.

## 4.2 Device Discovery

**How does the CurrentWare Gateway identify your devices?**

### Devices Connected to a Switch

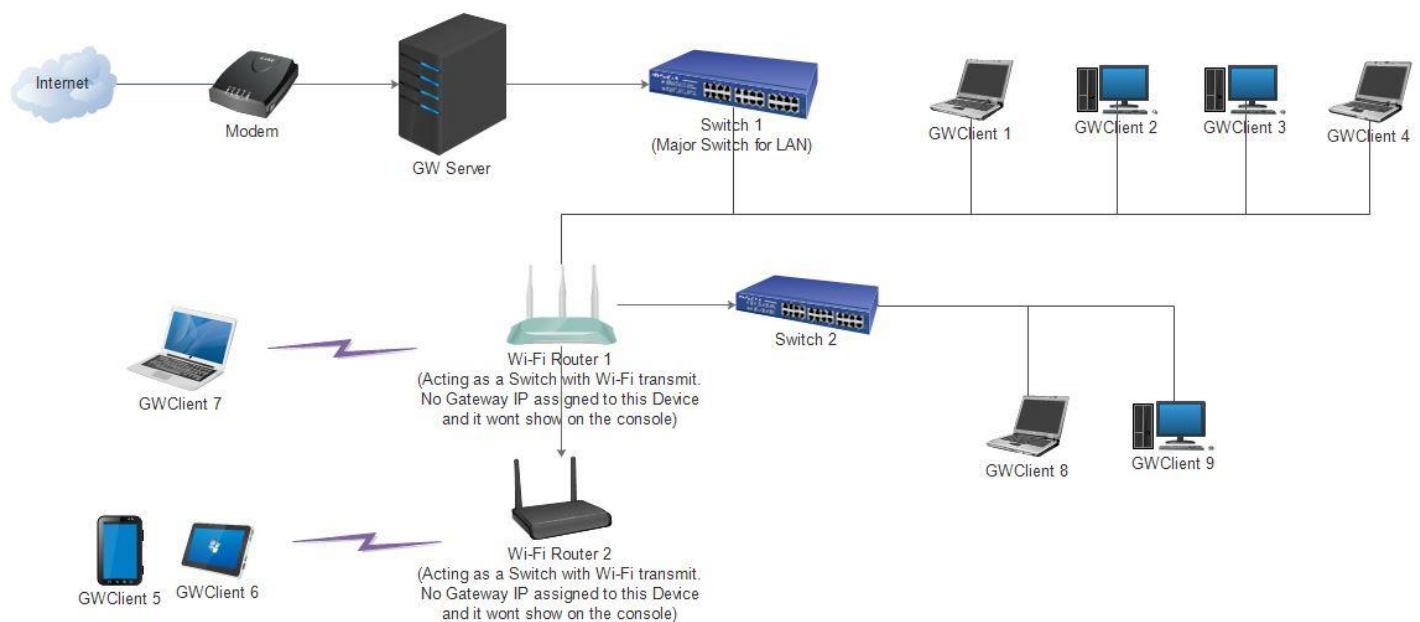
When a device is connected to the CurrentWare Gateway, via a switch, it will be identified on the Gateway console independently according to its device name.

### Devices Connected to a Router

The router can be connected to the Gateway in two different methods.

1. **Connect the Gateway network cable to one of the LAN ports of the Router with DHCP Server disabled (*recommended*).**
  - In this case, each device will be listed individually on the console, according to its device name. The Router will not be listed on the console.
2. **Connect the Gateway network cable to the WAN port of the Router with DHCP Server enabled.**

- In this setup, the router will mask the traffic from the CurrentWare Gateway. As a result, the Gateway will only be able to identify the router and not the devices that are connected to it. The name of the router will be displayed on the Console. When assigning a policy to the router, all the devices connected to it will share the same policy.
- For example, if you assign a policy to a router named “CW-Router-1900” and 10 computers are connected to it. All 10 computers will share the same Internet policy assigned to the Router.













## Showing the Devices on the Gateway Console

Connect your device through a switch or router managed by the CurrentWare Gateway. As soon as there is browsing activity on the device, it will be displayed on the Gateway Console.

## 5.0 Policies Page

The Internet restriction policies are created and managed on the Policies Page. Each policy contains its own Internet restriction rule. Assign one policy per group of devices.

### 5.1 Overview

Manage Policies Reports Settings					
+ Add Policy + Delete					
Policies					
Policy	Group	Categories Blocked	Date Modified	Actions	
<input type="checkbox"/> Default Policy	Root	8	4/Aug/2016 09:26 AM		
<input type="checkbox"/> Access Level OPEN	Cafe, Server Room	6	18/Aug/2016 06:15 PM		
<input type="checkbox"/> Access Level Low	Foyer, Hallway 1	116	18/Aug/2016 06:17 PM		
<input type="checkbox"/> Access Level Medium	Floor 3	42	18/Aug/2016 06:18 PM		
<input type="checkbox"/> Block Internet Access	Floor 1, Floor 2	151	18/Aug/2016 06:18 PM		

*Note: The Default Policy will be the only policy assigned to the Root Group. No other policy can be assigned to the Root Group.*

- **Add Policy:** add a new policy and assign it to a group of devices.
- **Delete:** use the Delete button to remove a policy from the list.

## 5.2 Add Policy

Create an Internet restriction policy and assign it to a group.

### Policy Name

Input a name for the policy.

#### Add Policy

**Policy Name**

Internet Restricted

### Apply this Policy to

Select the group to apply this policy to. A Policy can be applied to multiple groups. Each group can have only one policy.

**Apply this Policy To** [Help](#)

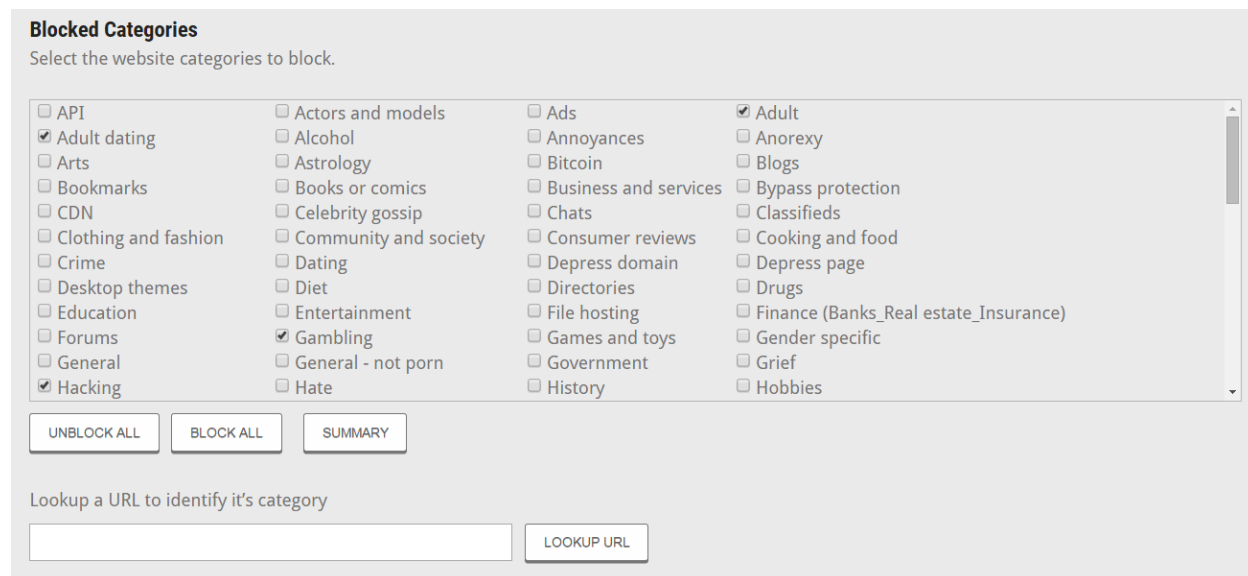
Select	Group	Policy
<input type="checkbox"/>	Root	Default Policy
<input type="checkbox"/>	Floor 1	Access Level Low
<input type="checkbox"/>	Floor 2	Access Level Low
<input type="checkbox"/>	Floor 3	Access Level Medium
<input type="checkbox"/>	Floor 4	Access Level Medium

## Block Categories

Select the URL categories to be blocked, in order to restrict users from accessing unauthorized sites. A selection of over 150 URL categories is available.

Click on the **Summary** button to display a list of selected categories.

The **Look up URL** option allows you to identify the category that a specific URL belongs to.



**Blocked Categories**  
Select the website categories to block.

<input type="checkbox"/> API	<input type="checkbox"/> Actors and models	<input type="checkbox"/> Ads	<input checked="" type="checkbox"/> Adult
<input checked="" type="checkbox"/> Adult dating	<input type="checkbox"/> Alcohol	<input type="checkbox"/> Annoyances	<input type="checkbox"/> Anorexy
<input type="checkbox"/> Arts	<input type="checkbox"/> Astrology	<input type="checkbox"/> Bitcoin	<input type="checkbox"/> Blogs
<input type="checkbox"/> Bookmarks	<input type="checkbox"/> Books or comics	<input type="checkbox"/> Business and services	<input type="checkbox"/> Bypass protection
<input type="checkbox"/> CDN	<input type="checkbox"/> Celebrity gossip	<input type="checkbox"/> Chats	<input type="checkbox"/> Classifieds
<input type="checkbox"/> Clothing and fashion	<input type="checkbox"/> Community and society	<input type="checkbox"/> Consumer reviews	<input type="checkbox"/> Cooking and food
<input type="checkbox"/> Crime	<input type="checkbox"/> Dating	<input type="checkbox"/> Depress domain	<input type="checkbox"/> Depress page
<input type="checkbox"/> Desktop themes	<input type="checkbox"/> Diet	<input type="checkbox"/> Directories	<input type="checkbox"/> Drugs
<input type="checkbox"/> Education	<input type="checkbox"/> Entertainment	<input type="checkbox"/> File hosting	<input type="checkbox"/> Finance (Banks_Real estate_Insurance)
<input type="checkbox"/> Forums	<input checked="" type="checkbox"/> Gambling	<input type="checkbox"/> Games and toys	<input type="checkbox"/> Gender specific
<input type="checkbox"/> General	<input type="checkbox"/> General - not porn	<input type="checkbox"/> Government	<input type="checkbox"/> Grief
<input checked="" type="checkbox"/> Hacking	<input type="checkbox"/> Hate	<input type="checkbox"/> History	<input type="checkbox"/> Hobbies

UNBLOCK ALL   BLOCK ALL   SUMMARY

Lookup a URL to identify it's category

  LOOKUP URL

## Exceptions – Web Sites

### Always Allow

Add URLs to the **Always Allow** list to allow users to access specific websites. Even if a URL is part of a blocked category, it will be excluded from being blocked if it is on the Always Allow list.

For example, to block access to the entire Social Media category, except for LinkedIn: block the Social Media category, then add linkedin.com URL to the Always Allow list.



## Always Block

Add URLs to the **Always Block** list to block users from accessing specific websites.

## Export

Use the **Export** button to export your Always Allow list and Always Block list to a text file.

## Import

Use the **Import** button to import a text file to your existing Always Allow list and Always Block list.

**Exceptions**  
Always allow or block websites and file types

Web Sites

File Types

**Always Allow**

ADD

☐ currentware.com

☐ codework-systems.com

IMPORT

EXPORT

☐ Select All

DELETE

**Always Block**

ADD

☐ facebook.com

☐ twitter.com

IMPORT

EXPORT

☐ Select All

DELETE

## Exceptions – File Types

Set your file type permissions to **Always Allowed** or **Always Blocked** for specific file types that can be downloaded from the Internet.

Exceptions

Always allow or block websites and file types

Web Sites

File Types

Predefined File Types

		Always Allowed	Always Blocked	None
Images	Add File Types	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Layouts	Add File Types	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Audio	Add File Types	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Video	Add File Types	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Executable	Add File Types	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Zipped	Add File Types	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
User Defined	Add File Types	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

There are 6 Predefined File types:

- Images
- Layouts
- Audio
- Video
- Executable
- Zipped

Add additional file types by clicking on the **Add File Types** button. There are three different file type permissions that can be set for each File type:

- **Always allowed:** the file type will always be allowed even if the Category is blocked or if the website is blocked from the Always Block list.

- **Always blocked:** the file type will always be blocked even if the website is allowed from the Always Allow list.
- **None:** the permission is not set to allow or block. The access of the file type will be based on the Block Categories list, the Always Allow list and the Always Block list.

Use the **User Defined** File type to create a new list of file types.

## 5.3 Using the Scheduler

With the scheduler enabled, multiple Internet restrictions can be assigned at different times and days.

During unscheduled times, the Internet restriction from the respective policy will apply.

Scheduler

☒ ON

Time	Days	Categories Blocked	URL Allow	URL Block	Actions
08:00 AM to 11:00 AM	M,T,W,TH,F,SA,SU	148	10	14	
11:01 AM to 11:15 AM	M,T,W,TH,F,SA,SU	0	10	14	
11:16 AM to 01:00 PM	M,T,W,TH,F,SA,SU	148	10	14	
01:01 PM to 04:00 PM	M,T,W,TH,F,SA,SU	0	10	14	
04:01 PM to 06:30 PM	M,T,W,TH,F,SA,SU	0	10	14	

☒ Copy Original Policy
 

ADD NEW

### Add New Schedule

Select the **Start time** and **the End time** of the schedule.

Select the **Days** you want the schedule to repeat on a weekly basis.

**Add New Schedule**

Start Time: 11 14 AM End Time: 11 14 AM

Frequency: ☒ Every Day ☐ Every Weekday ☐ Every Weekend

☒ Sunday ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday

## Block Categories (Scheduler)

Select the categories to block user access to these sites.

[See section 5.2 - Add Policy for more details.](#)

## Exceptions – Web Sites (Scheduler)

Add URLs to the **Always Allow** list to allow your users from accessing specific websites.

Add URLs to the **Always Block** list to block your users from accessing specific websites.

[See section 5.2 - Add Policy for more details](#)

## Exceptions – File Types (Scheduler)

Set your file type permissions to **Always Allowed** or **Always Blocked for** specific file types that can be downloaded from the Internet.

[See section 5.2 - Add Policy for more details](#)

## 6.0 Reports Page

CurrentWare Gateway allows administrators to monitor their users' Internet browsing activities.

It provides the facility to generate Internet browsing usage reports at the device level. In depth information of the sites visited and the time spent at these sites are presented. Detailed reports and summary level reports can be generated.

### 6.1 Overview

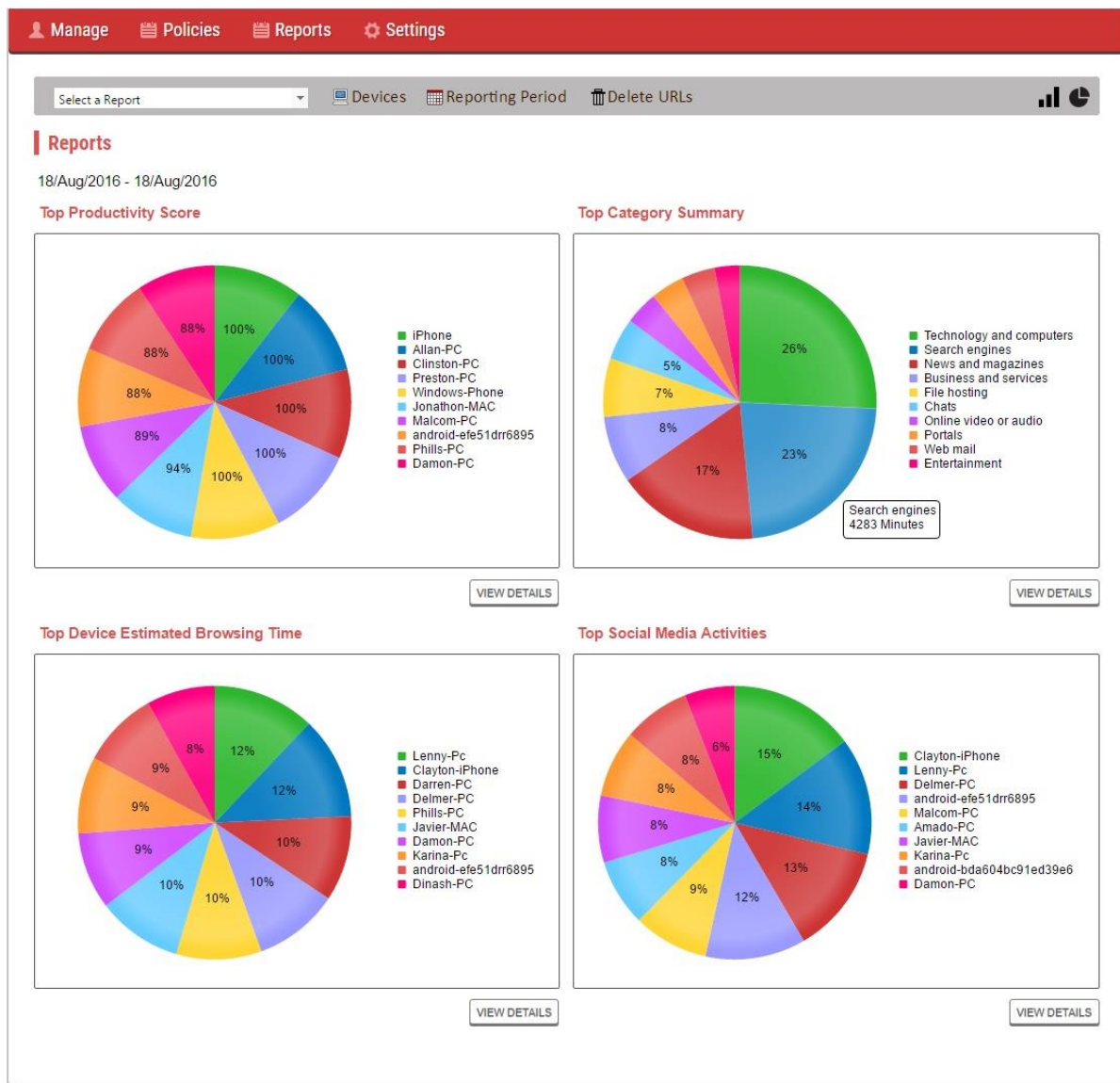
The Reports page consists of the following:

- Dashboard
- Reports
- Report Options

## 6.2 Dashboard

The dashboard view provides the administrator with a quick glance of 4 charts:

1. Top Productivity Score
2. Top Category Summary
3. Top Device Estimated Browsing Time
4. Top Social Media Activities



The default view of each chart is a pie chart. To change the view from a pie chart to a bar graph, click on the bar graph icon on the top right hand corner.

The default device selection is for **all devices**. The default reporting period is set to **today**.

To view the details of each pie chart, click on the View Details button.

### **1. Dashboard - Top Productivity Score**

This chart shows the top 10 devices with the highest productivity scores.

### **2. Dashboard - Top Category Summary**

This chart shows the top 10 URL categories accessed by all the users on your network.

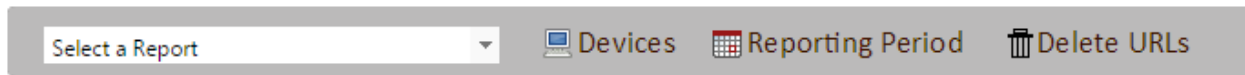
### **3. Dashboard - Top Device Estimated Browsing Time**

This chart shows the top 10 devices with the highest estimated browsing time.

### **4. Dashboard - Top Social media Activities**

This chart shows the top 10 devices with the most time spent on social media websites.

## 6.2.1 Header Options - Dashboard



### Select a Report

The dropdown menu consists of the available built in reports. Select the report of your choice to view its details. Any custom reports that are created, will also be listed on this menu below a separation line.

### Devices

The Devices icon, will display a list of devices connected to the Gateway. Select your choice of devices from this list, to run reports on their browsing activities.

### Reporting Period

Select the period for report generation. Choose from the following reporting periods: today, yesterday, last 7 days, last 30 days, last x day(s) and custom range.

### Delete URLs

For database maintenance, it is recommended that redundant data be deleted periodically. To remove old data from the Gateway database, select the devices and the corresponding time period through this icon.



## 6.3 Reports

The default reports include a range of charts and tables based on the domains visited and the estimated time of browsing.

The reports can be further customized and saved to isolate and display the data according to the administrator's requirements.

The following are the default reports:

### 1. **Category Summary**

This report is a summary of the categories of URLs accessed by the devices on your Gateway network. It accumulates the activities from all the devices. Estimated usage time and the number of allowed and blocked requests for each category will be shown in this report.

### 2. **Category Activity by Devices**

This is the Category Summary report grouped by devices.

### 3. **Domain Summary**

This report is a summary of the website domains accessed by the devices on your Gateway network. It accumulates the activities from all the devices. The report includes estimated usage time and the number of allowed and blocked requests for each domain.

### 4. **Domain Activity by Devices**

This is the Domain Summary report grouped by devices.

## 5. Social Media by Devices

This report is a summary of the social media domains accessed by the devices on your Gateway network. It accumulates the activities from all the devices. Estimated usage time and the number of allowed and blocked requests for each domain are included.

## 6. Productivity

This report calculates a productivity score for each user. It helps to isolate employees who are abusing company policies and time. The Productivity score is calculated based on the Estimated Productive Time over the total Estimated Time.

The categories are pre-defined as “productive” or “unproductive”. This grouping can be further customized to meet your company standards.

## 7. Detailed Activity

A vast amount of network requests get passed through the Gateway before they are stored in the Gateway’s database. To optimize the performance, Gateway only stores the domain name of the network request.

If the need arises to investigate the individual URL data, this information can be triggered to be captured via the **Enable URL Logging** feature on

**Settings > Internet Monitor > Enable URL Logging.**

URL data for 2 devices can be recorded over a maximum period of 3 days.

The Detailed Activity report lists the individual URLs accessed on these devices along with the corresponding category, the status of the website, the accessed time and date.

## 8. Detailed Activity (Specific URLs)

This report displays the browsing data of specific URLs only, as requested by the administrator.

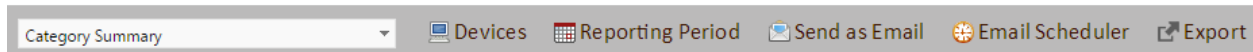
## 9. **Browsing Time by Domain**

This report includes the estimated time spent per domain visited by each device. Each domain is tagged by a category. The report is grouped by device per day.

## 10. **Total Internet Usage by Device**

This report consists of the estimated browsing time by device, along with the corresponding allowed and blocked requests.

## 6.3.1 Header Options - Reports



### Select a Report

The dropdown menu lists all the Gateway reports, both built in and custom types. Select the desired report from the list to view its details. Any custom reports that have been created, will be listed on this menu below a separation line.

### Devices

A list of devices connected to the Gateway will be displayed. Select the required devices from the list to view its reports.

### Reporting Period

Select the period for report generation. Choose from the following reporting periods: today, yesterday, last 7 days, last 30 days, last x day(s) and custom range.

### Send as Email

Send a report directly to an email address using this option. For file type, choose between .PDF or .XLS (Excel)

Note: the email settings will need to be configured prior to sending any emails. The configuration can be accessed from the **Settings page: Settings > General > Email Settings**.

X
Send as Email

**Send as Email**  
Send report as Email in PDF or EXCEL format.

Email address

File name

Format

PDF ▼

SEND

## Email Scheduler

Automatically email reports on a periodic basis. Set up your email scheduler to send out an email at a scheduled time, with a reoccurrence of daily, weekly or monthly.

Prior to scheduling email delivery, please ensure that the email settings are configured from the **Settings** page: **Settings > General > Email Settings**.

X
Email Scheduler

**Email Scheduler**  
Automatically email you the desired reports on a periodic basis.

Email schedule(s)

Email Address	Report Name	Format	Time	Days	Status
user@currentware.com	Category Summary	PDF	00:00	Daily	Running

CREATE SCHEDULE

EDIT

DELETE

PAUSE

Assign schedule(s) for Emailing reports

Email reports to

Report Name

Domain Summary ▼

Report format

EXCEL ▼

Schedule

Weekly ▼

Time

12 ▼

00 ▼

PM ▼

ADD SCHEDULE

CLEAR

☒ Monday
☒ Wednesday
☒ Friday

☐ Tuesday
☐ Thursday
☐ Saturday

☐ Sunday

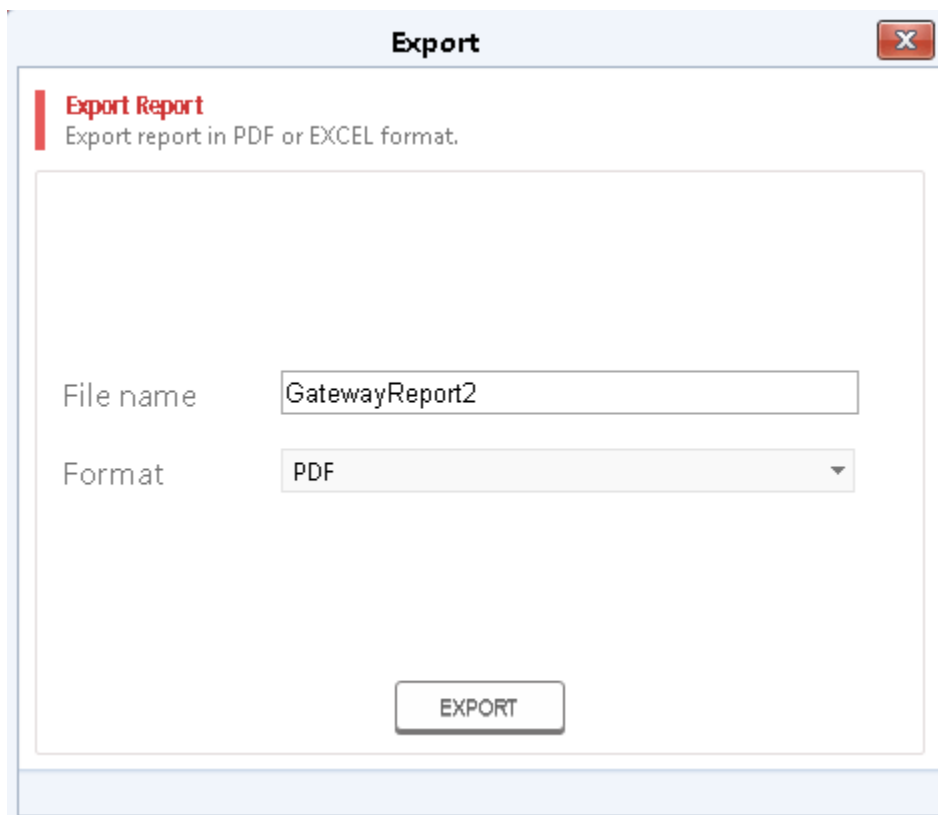
CANCEL

APPLY

## Export

Reports can be exported in .PDF or .XLS (Excel) format.

The export option is available for all the reports except for the Detailed Activity and Detailed Activity (Specific URLs) reports.



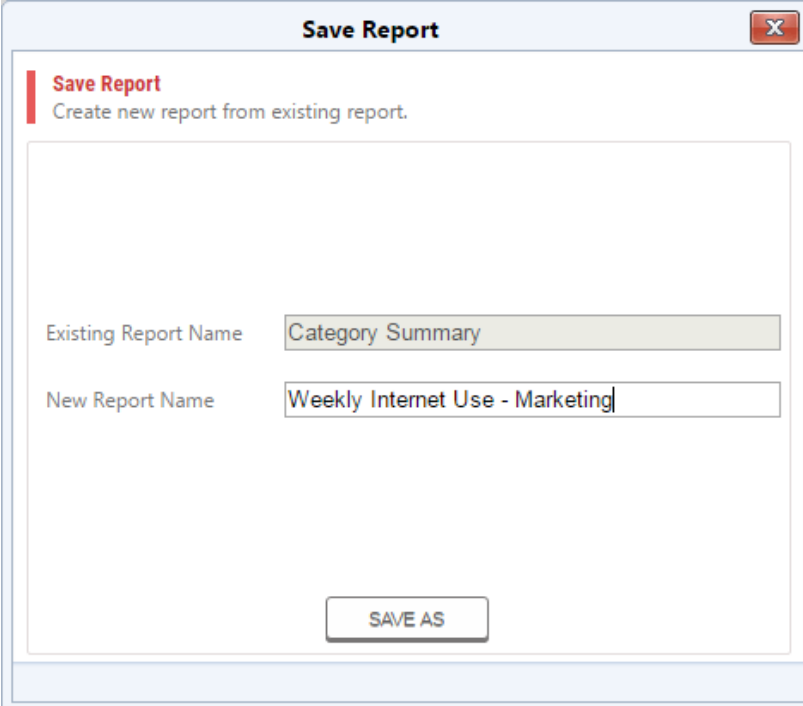
The image shows a software dialog box titled "Export". Inside the dialog, there is a section titled "Export Report" with a red vertical bar to its left. Below this title, it says "Export report in PDF or EXCEL format." There are two input fields: "File name" with the text "GatewayReport2" and "Format" with a dropdown menu currently showing "PDF". At the bottom center of the dialog is a button labeled "EXPORT".

<b>Export Report</b> Export report in PDF or EXCEL format.	
File name	GatewayReport2
Format	PDF ▼
<b>EXPORT</b>	

## 6.3.2 Create Custom Reports

### Custom Reports

To create a custom report, select a built in report of your choice to serve as a template. Select the devices and reporting period. Remove any unneeded columns and assign sort orders to existing columns, Click on the **Save** button the bottom of the reports page. The will be displayed on the Select Report dropdown list preceded by a separation line with the default reports.



The image shows a 'Save Report' dialog box with a title bar containing the text 'Save Report' and a close button. Inside the dialog, there is a red vertical bar on the left with the text 'Save Report' and 'Create new report from existing report.' below it. The main area contains two text input fields. The first field is labeled 'Existing Report Name' and contains the text 'Category Summary'. The second field is labeled 'New Report Name' and contains the text 'Weekly Internet Use - Marketing'. At the bottom center of the dialog is a button labeled 'SAVE AS'.

## 7.0 Settings Page

The Settings page provides customization and configuration of various Gateway features.

### 7.1 General Settings

#### Server Settings

The active browsing time is the minimum browsing time to identify if a device is active. If there is no activity on the device for more than the active browsing time, then the device will be displayed as Idle on the Gateway console. The default value for the last browsing time is 20 minutes.

**Active Browsing Time**  
Last Browsing Time  Minutes [Help](#)

#### Email Settings

Setup your email configuration for emailing the Internet monitoring reports. It is required to set up your email settings to use the Email Scheduler. The reports will be sent from the outgoing email address.



Server	<input type="text" value="Custom mail server"/>
Display Name	<input type="text" value="System Administrator"/>
Email Address	<input type="text" value="admin@currentware.com"/>
Password	<input type="password" value="....."/>
Confirm Password	<input type="password" value="....."/>
Outgoing mail server	<input type="text" value="smtp.currentware.com"/>
SMTP Port	<input type="text" value="587"/> (Try port 25,465 or 587)
Enable SSL	<input type="checkbox"/>
Server authentication	<input type="button" value="OFF"/>
<input type="button" value="TEST EMAIL ACCOUNT"/>	

- **Server:** Choose from Custom mail server, Gmail, Yahoo and Hotmail.
- **Display Name:** enter the sender's name
- **Email Address:** enter the sender's email address
- **Password:** enter the password for this email account on the mail server
- **Outgoing Mail Server:** enter the URL of your outgoing mail server
- **SMTP Port:** enter the port used to send email from your mail server
- **Enable SSL (optional):** if you mail server requires SSL, you can enable this.
- **Server authentication:** enable this option if your mail server requires authentication.

## Service Status

Monitor your CurrentWare Gateway services to see if they are running or not.

CurrentWare Gateway Reporting	: Running
CurrentWare Gateway Scheduler	: Running
CurrentWare Gateway Service	: Running

## License Information

The license info displays the details of your registered license key. This information includes the total number of licenses, number of the used licenses and the expiry date of the license.

**Your subscription will expire on 01/Sep/2016, 8 day(s) left.**

Total licenses : 50      Used licenses : 43

### Licensing Instruction

To register your CurrentWare Gateway license Launch, the Gateway\_License\_Wizard.exe from the Gateway Server's directory : C:\Program Files (x86)\CurrentWare\Gateway\GatewayServer\

## 7.2 Internet Filter

### Display Warning Message

Customize the warning message to alert users when they access an unauthorized website, category or file type.

1. Select the Internet filtering policy to assign the customized warning message.
2. Create a custom message for blocked URL, category and/or file type. Users can also be redirected to a website.

#### Display Warning Message

Customize the message to display when restricted sites or file types are accessed.

Policy Default Policy ▼

**Blocked URL**

☒ Message 

Your IT Administrator has prevented you from browsing this URL.

☐ Redirect to 

http://

**Blocked Category**

☒ Message 

The URL you are attempting to access is blocked. It belongs to the following restricted category.

☐ Redirect to 

http://

**Blocked File Type**

Your IT Administrator has prevented you from downloading this file type.

## Refresh URL Categories

The URL categories in the Gateway database can be synchronized with the CurrentWare cloud database regularly at specified intervals

The default period of synchronization is 7 days.

The **Refresh Now** button will initiate the synchronization process immediately, without waiting for the next automatic refresh.

Refresh URL categories every

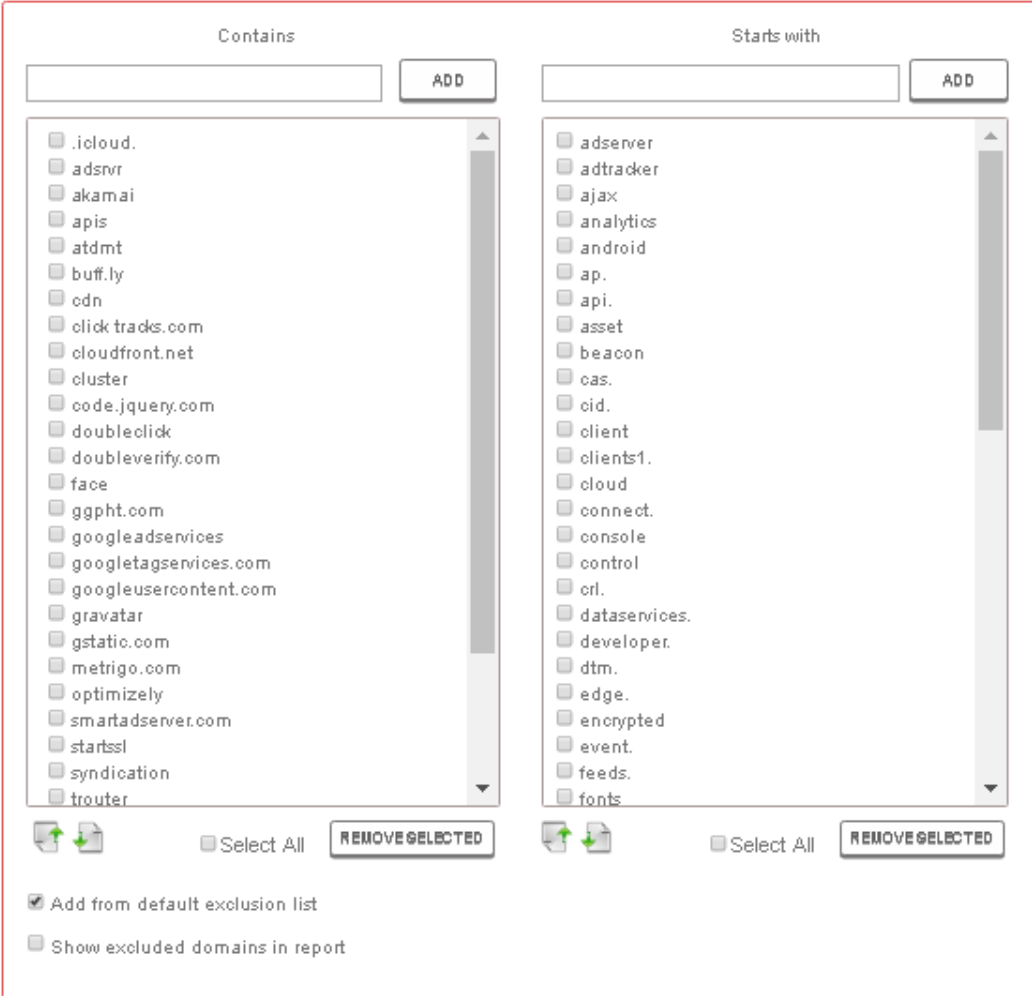
Day(s)

REFRESH NOW

## 7.3 Internet Monitor

### Domain Exclusion

Select the domains to be excluded from the Gateway reports. The excluded domains will not be tracked.



The interface is divided into two main sections: "Contains" and "Starts with". Each section has a search bar and an "ADD" button. Below these are lists of domains with checkboxes.

**Contains:**

- ☐ .icloud.
- ☐ adsnr
- ☐ akamai
- ☐ apis
- ☐ atdmt
- ☐ buff.ly
- ☐ edn
- ☐ click tracks.com
- ☐ cloudfront.net
- ☐ cluster
- ☐ code.jquery.com
- ☐ doubleclick
- ☐ doubleverify.com
- ☐ face
- ☐ ggph.com
- ☐ googleadservices
- ☐ googletagservices.com
- ☐ googleusercontent.com
- ☐ gravatar
- ☐ gstatic.com
- ☐ metrigo.com
- ☐ optimizely
- ☐ smartadserver.com
- ☐ startssl
- ☐ syndication
- ☐ trouter

**Starts with:**

- ☐ adserver
- ☐ adtracker
- ☐ ajax
- ☐ analytics
- ☐ android
- ☐ ap.
- ☐ api.
- ☐ asset
- ☐ beacon
- ☐ cas.
- ☐ cid.
- ☐ client
- ☐ clients1.
- ☐ cloud
- ☐ connect.
- ☐ console
- ☐ control
- ☐ crl.
- ☐ dataservices.
- ☐ developer.
- ☐ dtm.
- ☐ edge.
- ☐ encrypted
- ☐ event.
- ☐ feeds.
- ☐ fonts

Below the lists are "Select All" and "REMOVE SELECTED" buttons. At the bottom, there are two checkboxes:

- ☒ Add from default exclusion list
- ☐ Show excluded domains in report

## Category Exclusions

Select the categories to be excluded from the Gateway reports from the Category Exclusion List. The excluded categories will not be tracked.

Category Exclusion List

<input checked="" type="checkbox"/> API	<input checked="" type="checkbox"/> Actors and models
<input checked="" type="checkbox"/> Ads	<input checked="" type="checkbox"/> Adult
<input checked="" type="checkbox"/> Adult dating	<input checked="" type="checkbox"/> Alcohol
<input checked="" type="checkbox"/> Annoyances	<input checked="" type="checkbox"/> Anorexy
<input checked="" type="checkbox"/> Arts	<input checked="" type="checkbox"/> Astrology
<input checked="" type="checkbox"/> Bitcoin	<input checked="" type="checkbox"/> Blogs
<input checked="" type="checkbox"/> Bookmarks	<input checked="" type="checkbox"/> Books or comics
<input checked="" type="checkbox"/> Business and services	<input checked="" type="checkbox"/> Bypass protection
<input checked="" type="checkbox"/> CDN	<input checked="" type="checkbox"/> Celebrity gossip
<input checked="" type="checkbox"/> Chats	<input checked="" type="checkbox"/> Classifieds
<input checked="" type="checkbox"/> Clothing and fashion	<input checked="" type="checkbox"/> Community and society
<input checked="" type="checkbox"/> Consumer reviews	<input checked="" type="checkbox"/> Cooking and food
<input checked="" type="checkbox"/> Crime	<input checked="" type="checkbox"/> DNS error site can't be resolved

EXCLUDE ALL

INCLUDE ALL

SUMMARY

☒ Add from default exclusion list

☐ Show excluded categories in reports

## Productivity Report

Customize the productivity grade for each category to better identify productive and unproductive workers. Adjust the categories that your workplace considers productive and unproductive.

The productivity score on the Productivity report is calculated based on your custom adjustments.

**Productive Categories**

Bookmarks <span style="float: right;">⬆</span>	Books or comics <span style="float: right;">✓</span>
Business and services <span style="float: right;">✓</span>	Bypass protection <span style="float: right;">✓</span>
CDN <span style="float: right;">✓</span>	Celebrity gossip <span style="float: right;">✗</span>
Chats <span style="float: right;">✗</span>	Classifieds <span style="float: right;">✓</span>
Clothing and fashion <span style="float: right;">✓</span>	Community and society <span style="float: right;">✓</span>
Consumer reviews <span style="float: right;">✓</span>	Cooking and food <span style="float: right;">✓</span>
Crime <span style="float: right;">✗</span>	DNS error site can't be resolved <span style="float: right;">✓</span>
Dating <span style="float: right;">✗</span>	Depress domain <span style="float: right;">✓</span>
Depress page <span style="float: right;">✓</span>	Desktop themes <span style="float: right;">✓</span>
Diet <span style="float: right;">✓</span>	Directories <span style="float: right;">✓</span>
Drugs <span style="float: right;">✓</span>	Education <span style="float: right;">✓</span>
Empty site <span style="float: right;">✓</span>	Entertainment <span style="float: right;">✗</span>
Error site can't be accessed <span style="float: right;">✓</span>	File hosting <span style="float: right;">✓</span>
Finance (Banks_Real) <span style="float: right;">✓</span>	Forums <span style="float: right;">✓</span>

ADD ALL
REMOVE ALL
SUMMARY

☒ Add from default productive list

## Database Archive

Database maintenance is important if your data grows exponentially. Set up a scheduler to automatically delete older URLs.

### Auto Delete URLs

When enabled, older data will be purged from the existing database.

**Auto Delete URLs**

Schedule status

☐ Enable

☒ Disable

Only keep URLs for

5

Day(s)

Schedule

Weekly

▼

Start Time

08

▼

56

▼

PM

▼

Select Week Days

☐ Monday

☐ Tuesday

☐ Wednesday

☒ Thursday

☒ Friday

☒ Saturday

☒ Sunday

## Database Backup Scheduler

Create daily or weekly schedules to back up the Gateway database.

**Database Backup Scheduler**

Schedule status

☐ Enable

☒ Disable

Schedule

Weekly

▼

Start Time

08

▼

18

▼

PM

▼

Select Week Days

☐ Monday

☐ Tuesday

☐ Wednesday

☒ Thursday

☒ Friday

☒ Saturday

☒ Sunday



## Enable URL Logging

Select up to 2 devices for detailed URL logging. When a device is under detailed URL logging, Gateway will record the device's network requests in full URLs (including sub-domains and sub-directories).

Device(s)	Selected device(s)
<ul style="list-style-type: none"><li>Root</li><li>Floor 1</li><li>Cafe</li><li>Floor 2</li><li>Floor 3</li><li>Foyer</li><li>Hallway 1</li><li>Server Room</li></ul>	
<div>REMOVE SELECTED DEVICES</div>	

**Only keep URLs for N days** – The default and maximum value will be 3 days and the logged data will be deleted automatically at the end of each cycle.

Only keep URLs for the last  Day(s)

Note: Logged data will be deleted automatically at the end of each cycle.

## URL Tracking

Enable or disable tracking of Internet activity by Gateway.

URL tracking

☒ Enable

☐ Disable

## 8.0 Uninstall

To uninstall the CurrentWare Gateway, go to **Control Panel > Programs and Features > Uninstall a program**. Select CurrentWare Gateway and click Uninstall.

Once the CurrentWare Gateway is uninstalled from Windows 8, 8.1, or 10 operating systems, the Internet Connection Sharing will be disabled.

At this point, the computers on your network will lose Internet connection. Remember to reconnect your router back to your LAN.

If you are using Gateway with NAT on server 2012 R2 operating system, the Internet sharing using NAT will not be disabled upon uninstalling. Your devices will still have Internet access.

## 9.0 Contact

### USA

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### OTHER COUNTRIES

Please email [info@currentware.com](mailto:info@currentware.com) for the name of a local reseller in your country.