

Add SSID

SSIDs are the wireless networks whose names are broadcast by an Array to client devices such as laptops and mobile phones. A user can choose which SSID to connect to. Create at least one SSID. You may create multiple SSIDs with different settings.

The screenshot shows the Citywest Wifi configuration page. At the top, there's a header with 'Citywest Wifi' and a settings icon. Below the header, there are tabs for 'Configuration', 'Arrays', and 'Clients'. A navigation bar contains icons for 'General', 'SSIDs', 'Network', 'Policies', 'Bonjour Director', and 'Admin'. A 'SAVE ALL' button is on the right. The main content area is titled 'SSIDs' and includes a 'Show Advanced' button and a '+ NEW SSID' button. A table lists existing SSIDs:

<input type="checkbox"/>	SSID Name	Band	Encryption/Authentication	Enabled	Broadcast	Captive Portal
<input type="checkbox"/>	Nicola's Broadband	2.4GHz & 5GHz	None/Open	Yes	Yes	Guest Access Portal
<input type="checkbox"/>	Citywest Wifi Internal	2.4GHz & 5GHz	None/Open	Yes	Yes	Guest Access Portal

An 'Enable VLANs' link is located at the bottom right of the table.

- ❖ **SSID** - a unique name that users can recognize
- ❖ **Band** - choose which wireless band the SSID will be available on. Select either 5 GHz, 2.4 GHz, or both.
- ❖ **Encryption/Authentication**—Select one of the listed security options for encryption and login. Based on the option that you choose, you will be prompted for any additional settings that are required.
- ❖ **Enabled**—activate this SSID or leave it disabled until you are done with configuration and ready to have it go live.
- ❖ **Broadcast**—select Yes to make this SSID visible to all clients on the network. Select No if you do not want this SSID name to be advertised to clients. Although the wireless Array will not broadcast the SSID name if you select No, clients can still associate to a hidden SSID if they know its name.

Click **+New SSID** to create an SSID.

SSIDs can be changed by selecting the SSID that needs to be changed. The details within the SSID are editable.

- ❖ Select Save All

Assign SSID

Here you can determine which SSID this Guest Portal is assigned to.

A guest portal may run on multiple SSIDs, i.e., the portal may operate on more than one SSID.

However, each SSID may only have one portal defined on it.

The screenshot shows the eIRCOM configuration interface for the 'Book Shop' guest portal. The top navigation bar includes 'MY NETWORK', 'PROFILES', 'GUESTS', and 'REPORTS'. The current page is titled 'Book Shop' and has tabs for 'Configuration' and 'Guests'. The 'SSIDs' tab is selected, and a '+ ASSIGN SSIDS' button is visible. Below the tab, there is a section for 'Self-Registration' with a table of SSIDs. The table has columns for 'SSID Name' and 'Array Profile'. One SSID, 'Public', is listed with the 'Advantage Wifi' array profile.

SSID Name	Array Profile
Public	Advantage Wifi

Open the desired guest portal, select the **SSIDs** page, and click **+Assign SSIDs**.

The screenshot shows a dialog box titled 'Assign SSIDs to Book Shop'. The dialog has a close button in the top right corner. Below the title, there is a instruction: 'Select SSIDs from the left side and add them to the current guest portal to the right'. The dialog is divided into two main sections. The left section has a dropdown menu labeled 'View All SSIDs' and a list area containing the text 'Staff'. At the bottom of the left section is a 'Move All' link. The right section is titled 'SSIDs to be added to: Book Shop portal' and contains a large empty box with the instruction: 'Select the SSIDs you want to add to your guest portal and drag or click "move" to move them here.' At the bottom of the dialog are two buttons: 'Cancel' and 'ASSIGN SSIDS'.

- ❖ Select the SSIDs on which this portal is to be presented and drag them to the right-hand column.

Assign SSIDs to Book Shop ✕

Select SSIDs from the left side and add them to the current guest portal to the right

View All SSIDs
▼

SSIDs to be added to:
Book Shop portal

Staff

Remove All

Cancel
ASSIGN SSIDS

- ❖ Select Assign SSIDs
- ❖ All assigned SSIDs will now appear against the Guest Portal

MY NETWORK
PROFILES ▼
GUESTS ▼
REPORTS ▼

Advantage Wifi Test
Contact
eircomadvantagewifi@eir...

Book Shop ⚙️ ⓘ

Book Shop

i General
🔧 Look & Feel
📶 SSIDs *

SAVE ALL
Undo All

+ ASSIGN SSIDS

SSIDs ⓘ

Assign existing SSIDs to this guest portal from your Array profiles.

Self-Registration

Guests sign up to use the guest portal with an online form.

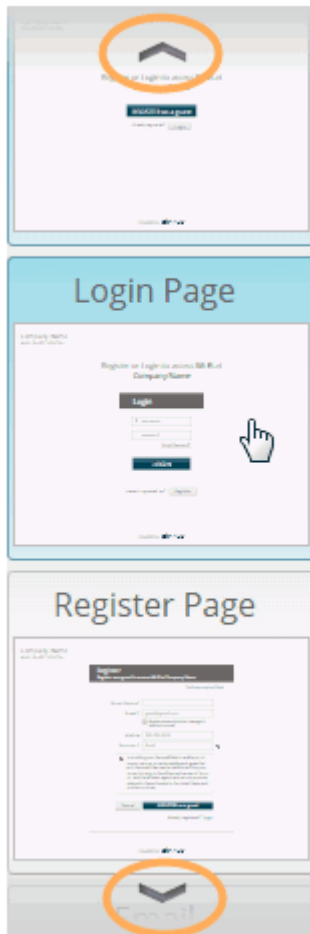
View: 20 Showing 1-2 of 2 1 of 1

<input type="checkbox"/>	SSID Name	Array Profile
<input type="checkbox"/>	Public	Advantage Wifi
<input type="checkbox"/>	Staff	Advantage Wifi

- ❖ SSIDs can be deleted by selecting SSID and selecting
- ❖ Select Save All

How to Customize Look & Feel

Select the page to be modified from the list of pages offered on the right of the Look & Feel page, as shown in the screenshot at left. A prototype of the selected page will be displayed. Note that you can use the arrows (circled in the screenshot) to scroll up and down to show other pages.



As you make modifications, their effect is shown directly on the page. Here are the modifications that you can make. They apply to all page and portal types unless otherwise indicated.

Look & Feel

Design the pages guests will see to register.

- ❖ **Company Name** - will appear on the upper left. The font, size, and colour cannot be changed.
- ❖ **Logo** - click **Select Image**. You may select one of the displayed previously uploaded images, or click **Upload new image** to browse to an image, or click **Add external image** to specify the image using its URL. The logo will be displayed on the upper left, with the Company Name to the right of it
- ❖ **Colour Scheme** - select the colour to be used for the main action button (such as Register or Login) on all guest pages. To select a custom colour, choose the rightmost (crosshatched) square while viewing the Welcome page.

- ❖ **Require Mobile Number Collection** - whether it is optional for the guest to supply a mobile number.
- ❖ **Allow Sign In with** - this allows social media sign-in. Check off the options, such as **Facebook** or **Google+**, that you wish to allow. This option only applies to guest self-registration portals that do not require sponsorship.
- ❖ **Enable Terms of Use** - if you enable this, the Terms of Use page appears in the list on the right, and its text may be customized by clicking the **Define Terms of Use** button. A link to the Terms of Use page appears on the Login and Register pages for Self-Registration portals, and guests agree to the terms when they register or log in.
- ❖ **Show Data Disclosure** - if enabled, this text appears only on the Register page for first time guests. See the Register page for the exact text. The text cannot be changed
- ❖ **Add Text** - this field, located under the display of the prototype page, allows the customer to type in custom text to add to the current type of guest page or email. This text is not added to other page types—if you want the same text on each page, you must enter it for each page.
- ❖ **Powered By Xirrus** – This should stay unchecked
- ❖ Click Save All

Policies

Policies are sets of conditions, constraints, and settings that allow you to decide what network traffic are allowed.

There are four policy types, depending on where the policy is applied:

- ❖ To a Device Class/Type
- ❖ To a User Group
- ❖ To an SSID
- ❖ Global (applies universal)

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Policy Type	Policy Name	Number of Rules	Actions
SSID	Citywest Wifi Internal	2 Rules	Expand All
Global	Global Policy	0 Rules	

There can be multiple policies of the same type, for instance, a Device Type policy for iPhones and a Device Type policy for Samsung phones

After creating a policy, add a set of rules to it. There are two types of rules:

- ❖ **Firewall Rules** - these are used by the integrated firewall on profile member Arrays. The Array firewall uses stateful inspection to speed the decision of whether to allow or deny traffic. Rules define whether to pass or block traffic.
- ❖ **Application Control Rules** - these are used for controlling what applications may run on the wireless network, or increasing or decreasing the priority of certain applications. For example, you might raise the priority of database applications, while preventing social media e.g. Facebook, Twitter etc

A policy may include multiple rules (both firewall and Application Control rules) You may fine tune policies and/or individual rules by scheduling the days and hours during which they apply.

Changes to Policy

- ❖ Select the desired profile, and then open its Policies page.

❖ To add a new Policy, use the buttons on the upper right



Example below adding a new Policy to a Profile

Policies [?](#)

Policies are sets of conditions, constraints, and settings that allow you to decide who can connect to the network, and how or when they are allowed to connect. Note: Layer 2 policy rules will be enforced before Layer 3 rules.

View: All Policies Sort by: Policy Type

Expand All Collapse All

WiFi SSID Citywest Wifi Internal

+ NEW APP CONTROL + NEW FIREWALL

1.	Block Bittorrent	Layer: 7	Category: File Transfer	Application: Bittorrent	Allow/Block: BLOCK	Enable <input checked="" type="checkbox"/> Disable	
2.	Block Facebook	Layer: 7	Category: Social Networking	Application: Facebook	Allow/Block: BLOCK	Enable <input checked="" type="checkbox"/> Disable	

Show Advanced

Global Global Policy 0 Rules

❖ Select SSID



New ssid policy

SSID Choose SSID...

Choose SSID...

Nicola's Broadband

❖ Choose the SSID to add the Policy

New ssid policy

SSID Nicola's Broadband

CREATE POLICY

❖ Select Create Policy

New policy

WiFi SSID Nicola's Broadband

NEW FIREWALL RULE

NEW APPLICATION CONTROL RULE

Show Advanced

❖ Select Rule Type

New Application Control Rule

Name: Auto-Name

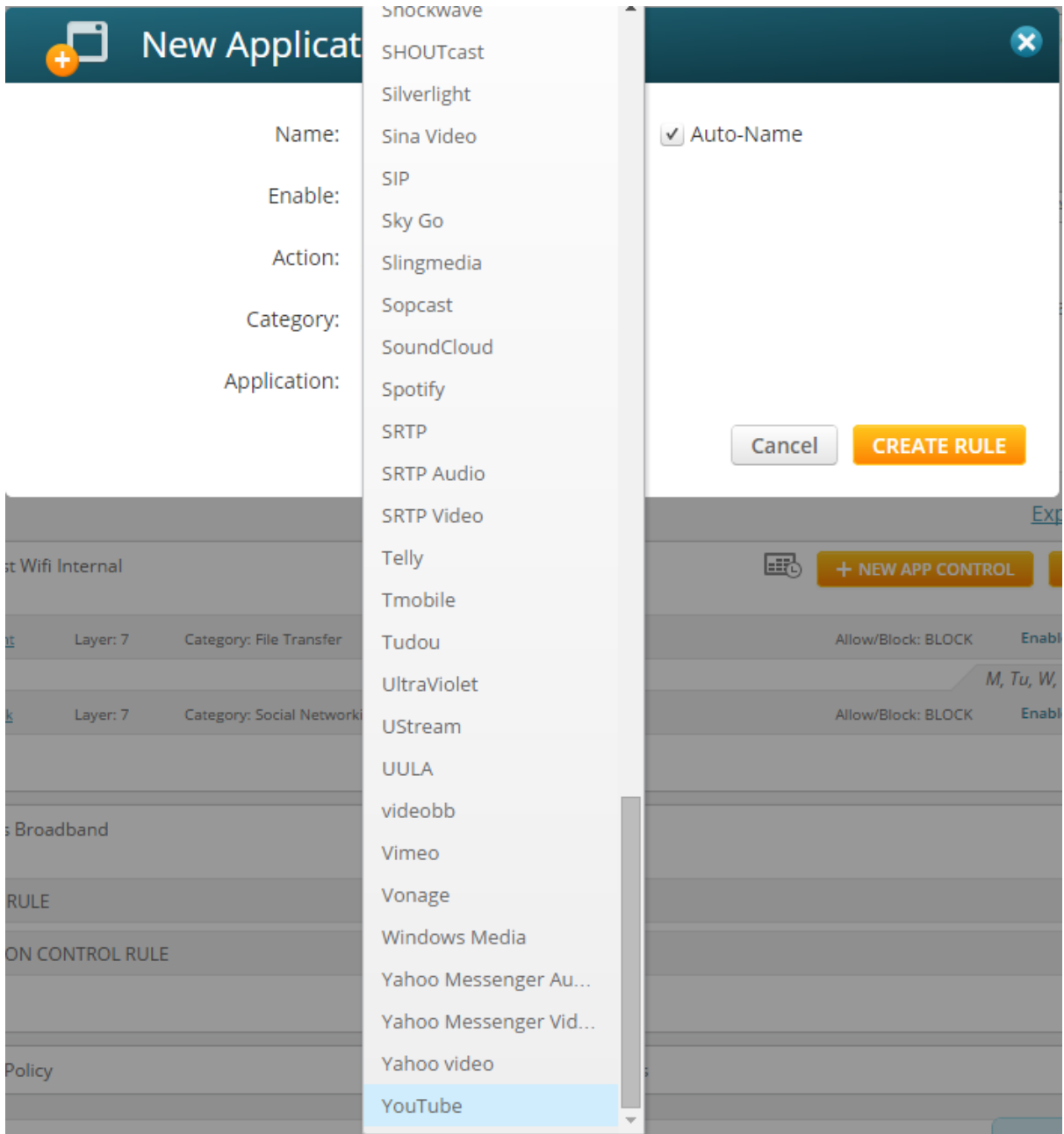
Enable: Yes No

Action: Allow Block

Category:

- Choose a category...
- Collaboration
- Database
- File Transfer
- Games
- Mail
- Messaging
- Network Monitoring
- Networking
- Proxy
- Remote Access
- Social Networking
- Streaming Media
- VPN Tunneling
- Web Services
- Xirrus

❖ Select Category which Policy applies



❖ Select Application

New Application Control Rule ✕

Name: Auto-Name

Enable: Yes No

Action: Allow Block

Category:

Application:

❖ Select Create Rule

SSID Nicola's Broadband

1. Block YouTube Layer: 7 Category: Streaming Media Application: YouTube Allow/Block: BLOCK Enable: Disable

[Show Advanced](#)

❖ Rule is now created

❖ Select Save All, top right of page



Policies – Scheduling

Policies can be scheduled so that they only activate on specified days, times etc.

- ❖ Click the Schedule button if you wish to specify a window of time for a policy or rule to be active. Check the checkboxes for the days that the policy or rule is to be active. Check the **Time On** hours that the policy or rule will be enforced, and modify it as needed.

Schedule Rule ✕

Days Active:

Su
 M
 Tu
 W
 Th
 F
 Sa

Time On:

to

All Day

❖ Select Schedule

SSID Nicola's Broadband

+ NEW APP CONTROL + NEW FIREWALL

1. Block YouTube Layer: 7 Category: Streaming Media Application: YouTube Allow/Block: BLOCK Enable Disable M - 8:00am - 5:00pm

The scheduled time appears above the Enable/Disable switch.

Click Save All