

Introduction

In this application note we will describe how to set up HTTP Action option in IP-INTEGRA ACC Controllers to work with normal doors and external devices, as well as in cluster mode.

For HTTP Action, you can enter any link you want in order to trigger some remote action. However, in this application note, in example we will use Web Relay from another IP-INTEGRA ACC Controller, while for Cluster example, we will use Slave Controllers Web Relay.

Standalone Controller triggers relay from another Controller

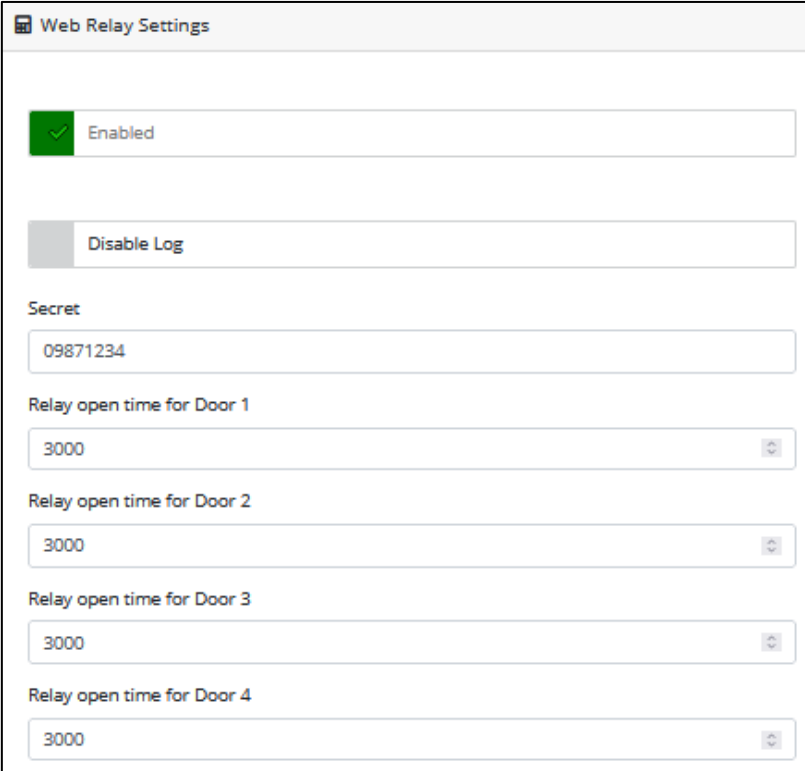
Step 1 (Picture 1)

Log in to the Controller you want to use Web Relay from.

Navigate to **Settings Panel** and click on **Web Relay Settings**.

Enable the Web Relay by ticking the **Enabled** option.

Save and Apply the changes.



Web Relay Settings

☒ Enabled

Secret

09871234

Relay open time for Door 1

3000

Relay open time for Door 2

3000

Relay open time for Door 3

3000

Relay open time for Door 4

3000

PICTURE 1

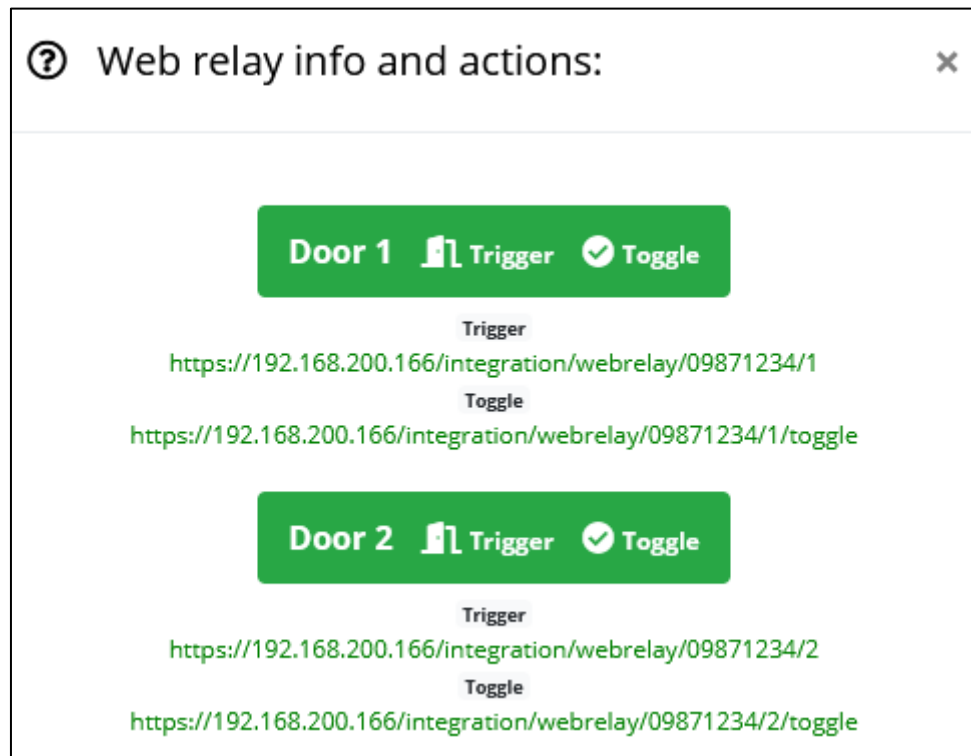
Step 2 (Picture 2)

Click on the “?” icon in the top right corner and **copy the link** of wanted relay.

NOTE: For every relay there will be two links available – **trigger** and **toggle**.

Trigger – Triggers the relay and holds it for **pre-determined amount of time**.

Toggle – First time **accessing the link will trigger and hold the relay until the link is accessed for the second time**.



PICTURE 2

Step 3 (Picture 3)

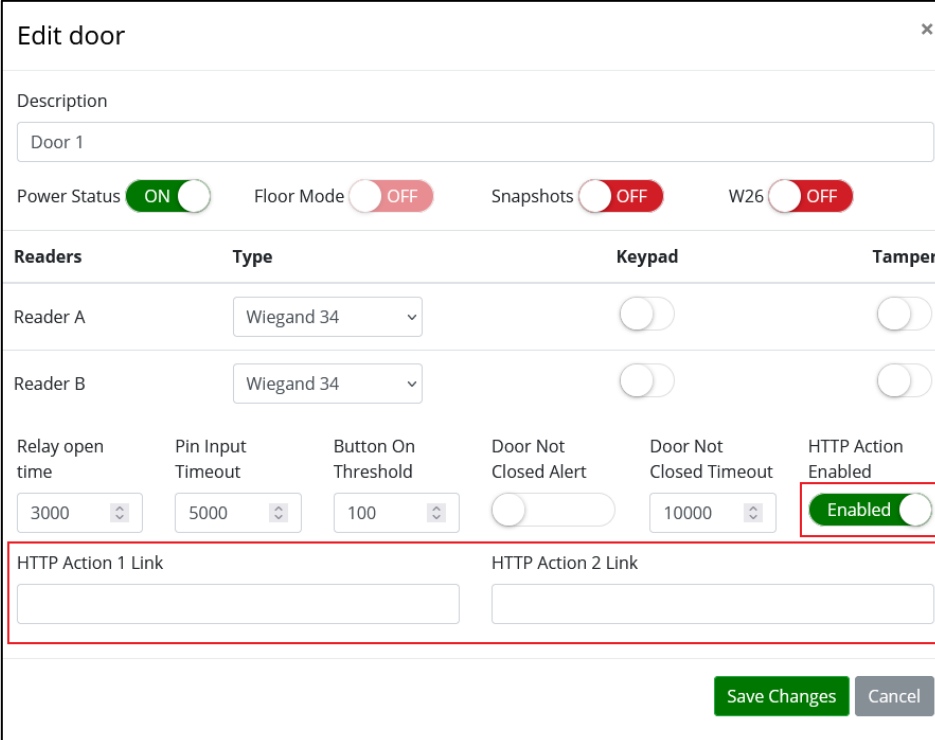
Log in to the controller you want to use as a trigger for web relay.

Navigate to the **Devices page** and click on **Edit Door** button on the wanted door.

Find the **HTTP Action** field and toggle the **Enabled** button. Two fields will show up where you can enter HTTP Action link.

Paste the previously **copied link** into one of the fields (You can paste any HTTP action link you want).

Save and Apply the changes.



Edit door

Description

Door 1

Power Status ☒ ON Floor Mode ☐ OFF Snapshots ☐ OFF W26 ☐ OFF

Readers	Type	Keypad	Tamper
Reader A	Wiegand 34	<input type="checkbox"/>	<input type="checkbox"/>
Reader B	Wiegand 34	<input type="checkbox"/>	<input type="checkbox"/>

Relay open time: 3000 Pin Input Timeout: 5000 Button On Threshold: 100 Door Not Closed Alert: ☐ Door Not Closed Timeout: 10000 HTTP Action Enabled: ☒

HTTP Action 1 Link: HTTP Action 2 Link:

Save Changes Cancel














PICTURE 3

HTTP Action link is now set up. Triggering a relay on selected door will now trigger a Web relay on another controller.

Cluster Mode

In **cluster mode**, **Slave Controllers** are controlled from **Master Controller**. This means that **no changes can be made from Slave Controller** – including being unable to configure and enable a Web Relay.

To fix this, we have introduced a different configuration page for Cluster Mode, **Additional Device Config** (Picture 4)

Devices <i>Overview of connected devices</i>								
Type	Device Name ⓘ	Host Name	IP Address	Cluster Info	Version	Doors	Status	Actions
> 	INT4D-186119 <small>This device</small>	facc1338	192.168.200.111 77.78.204.154	ILOQ integration cluster test 362 M	v1.15.21	Door 1 A B Door 2 A B Door 3 A B Door 4 A B	OK	
> 	INT4D-217039	facc332	192.168.200.103 77.78.204.154	ILOQ integration cluster test 362 S	v1.15.21	Door 1 A B Door 2 A B Door 3 A B Door 4 A B	OK	  
> 	INT4D-076113	facc763	192.168.200.121 77.78.204.154	ILOQ integration cluster test 362 S	v1.15.21	Door 1 A B Door 2 A B	OK	  
	FE-IPDS-29S-05:05 FE-IPDS-29S		192.168.200.124	EXTERNAL		FE-IPDS-29S-05:05	OK	   

PICTURE 4

To access this page, follow steps below:

1. Log in to the Master Controller.
2. In the navigation menu, click on Devices
3. In Devices page, click on Additional Device Config icon of a device you want to configure.

In this configuration page, you can enable or disable Remote Support, Web Relay Secret, enable or disable Web Relay logging, as well as configure Web Relay Open times.

NOTE: Web Relay Open times are shown in ms (milliseconds).

NOTE: In cluster mode, both master and slave controller Web Relays are configured from Additional Device Config page.

Device Additional Config

Enable Support

Enable Web Relay

Web Relay Secret

5678

Disable Log

Web Relay 1 Open Time

3000

Web Relay 2 Open Time

3001

Web Relay 3 Open Time

3002

Web Relay 4 Open Time

3003

Save Changes

Cancel

After you have finished Master and Slave controller **Web Relay configuration**, you can log in to controller with the relay you want to trigger, navigate to **Settings Panel – Web Relay Settings** and in top right corner click on “?” icon.

Copy the link from the relay you want to trigger (shown in the Picture 2) and **paste** it in the **HTTP Action field** under **Devices – Edit door – HTTP Action** field (shown in the Picture 3).

External Device/Virtual Door

It is also possible to trigger same HTTP Action when Intercom successfully authenticates RFID card/PIN Number.

Procedure is almost identical:

1. Log in to the Controller
2. In the navigation menu click on Devices
3. In the devices page, click on Edit External Device on the device you want to configure.

Devices <i>Overview of connected devices</i>									
<div> <div>Devices</div> <div>Q Scan Devices</div> </div>									
Type	Device Name	Host Name	IP Address	Cluster Info	Version	Doors	Status	Actions	
<div> <div></div> <div></div> </div>	INT4D-186119 <small>This device</small>	facc1338	192.168.200.111 77.78.204.154	ILOQ integration cluster test 362 M	v1.15.21	<div>Door 1 A B</div> <div>Door 2 A B</div> <div>Door 3 A B</div> <div>Door 4 A B</div>	OK	<div> <div></div> <div></div> </div>	
	INT4D-217039	facc332	192.168.200.103 77.78.204.154	ILOQ integration cluster test 362 S	v1.15.21	<div>Door 1 A B</div> <div>Door 2 A B</div> <div>Door 3 A B</div> <div>Door 4 A B</div>	OK	<div> <div></div> <div></div> </div>	
	INT4D-076113	facc763	192.168.200.121 77.78.204.154	ILOQ integration cluster test 362 S	v1.15.21	<div>Door 1 A B</div> <div>Door 2 A B</div>	OK	<div> <div></div> <div></div> </div>	
<div> <div></div> <div></div> </div>	FE-IPDS-295-05:05 <small>FE-IPDS-295</small>		192.168.200.124	EXTERNAL		FE-IPDS-295-05:05	OK	<div> <div></div> <div></div> </div>	

PICTURE 5

Following form will open:

Edit external device

Type

FE-IPDS-29S

Name

FE-IPDS-29S-05:05

IP Address

192.168.200.124

Hardware ID

0C:11:05:05:A7:B0

Username

freundadmin

Password

TVpASQmB0w

HTTP Action Enabled

Enabled

HTTP Action 1 Link

https://192.168.200.166/integration/webrelay/09871

HTTP Action 2 Link

https://192.168.200.166/integration/webrelay/09871

Save Changes

PICTURE 5

Find the **HTTP Action** field and toggle the **Enabled** button. Two fields will show up where you can enter HTTP Action link.

Paste the previously **copied link** into one of the fields (You can paste any HTTP action link you want).

Save and Apply the changes.