



Programming Steps • Installation Notes • Integration Tips

Setting Up RTI Authentication

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Overview

RTI Authentication provides a secure method of communicating with 3rd party devices using the client's own credentials for drivers that use this authentication. It allows the integrator to simply send the client a URL link which will open a web browser dashboard screen where they can then enter in their login and password information from the security of their personal device. The result is a more secure method for clients to manage their own passwords, and the integrator does not need to update the system file as passwords change from time to time. RTI Authentication is only available on drivers or services that support this feature.

Getting Started- Update Your Software and Firmware

Prior to getting started using RTI Authentication, make sure you update your software and processor firmware:

- 1. update the processor firmware to the latest version, must be 23.5.11 or higher, and
- 2. update Integration Designer to the latest version, must be 11.4 or higher

This should be done automatically if your computer is online when you open the software, but a manual check can be done by clicking on Help – Check for Updates.

Adding RTI Authentication to a System

If you add drivers or services which require RTI Authentication, you will need to follow these steps to correctly setup the project.

- 1. First setup your project file with its rooms, controllers, drivers, etc.
- 2. Configure the properties for all drivers.
- 3. Now it is time to configure the system processor
 - a. Select the Processor from the Workspace.
 - b. Choose Settings under Connected Features.

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File Device Edit Page Opti	ons Communications Library \	Nindow Help
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Workspace 4	🖽 XP-6s 🗙	
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 ✓ ⊕ Global ✓ ⇔ Processor ⇔ XP-6s > Gontrollers > ⇔ Drivers ⊕ Weather ⊕ Samsung 2017 4k-10 ⊕ Sonos ⇔ Bluestream AV N trix : ⊕ Integra Receiver 	 Events Expansion Devices Convert To Check Memory Usage Properties Connected Features Settings 	System Name: 415 Grant RTIQ Monitoring Configure Monitoring Account Status: Configured Ver Authentication Dashboard Authentication Dashboard URL:
RTI Music AFI Music AFI AD-64 DirecTV Roku Vera Vera Vera Vera VP Diagnostics XP Diagnostics	RTQ Monitored Devices	https://authentication.rticontrol.com/?kid=6yePmWZyLRv26H14KJbBHhd9YfwcYn0X Copy URL Launch URL There are currently no drivers installed in this system that require authentication. Note: The dashboard will only be available if a driver in the system requires authentication.

- c. Confirm RTI Authentication is needed:
 - 1. In the Authentication Dashboard, confirm that any drivers require authentication.
 - 2. "# Drivers in this system will require configuration within the dashboard before they are functional." will display if authentication <u>IS</u> required. (The "#" will be replaced the number of drivers.)
 - a. NOTE: If the message is "There are currently no drivers in the system that require authentication.", you do not need to continue to configure RTI Authentication.
 - 3. If any drivers require authentication, send the programming file to the processor to activate and establish the authentication communication.
 - a. Do not send the other files onto additional RTI devices yet.

RTI Authentication

Technical Bulletin



- 4. Continue programming the rest of the project.
- 5. Upload the complete programming file to the processor and all devices.
- 6. Click Launch URL to confirm the drivers your client will see on the Authentication Dashboard.

Send the RTI Authentication URL to your client.

- 1. Click the Copy URL button.
- 2. Send the copied URL to your client for them to enter their credentials and finalize the RTI Authentication process.

	Authentication Dashboard URL:
https://aut	hentication.rticontrol.com/?uid=VuuMn95r285Nhk0Ib8PLGsuAs3x8s4DL
	Copy URL Launch URL
one driver in this syste	m will require configuration within the dashboard before it is functional.
lote: The dashboard w	vill not be active/current until the system is downloaded into the processor.

Final Steps: Client Authentication

- a. The Client should open the URL Link that you sent to them.
- b. The Client should select the device needing authorization.



c. The Client should click "Authorize" to be directed to where client credentials will be entered.

Login	× +					~	_		×
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18 Google Calendar 📙 Personal	🦲 Publications 📙 Manufa	cturers 📙 RTI	HTML Tags • Compl.	L Time Converter and	Conversio	on Calculat			
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	This app would like the ab password from your exist	ility to access ing Aladdin Co	your Aladdin Conne nnect account to sig	ct account. Use the ema gn in below.	il and				
	Email	Entor omgil							
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	Password	Enter passw	ord						
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		mobile app.							

d. Credentials are entered and approved by the manufacturer.

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RTI Authentication Dashboard				
Authorization of Cenie successful.		×		
The following integrations are authorized				
Garage door controller.				

e. RTI Authentication Dashboard reopens with authorization approval.

Make final programming checks and provide to client.

Note on Previously Installed Program Files:

If you are re-using a previously installed program file, remember to always update the Network Key. RTI Authentication requires a unique Network Key for each individual system in order to function correctly.

1. VERY IMPORTANT: CHANGE THE NETWORK KEY

- a. File -> System Properties
 - i. Zone Tab -> Network Key section.
 - 1. Click "Generate" in the Network Key section.

System Properties X
Client Information Location Clock 802.11
Zone RTiPanel / Virtual Panel Dealer Information
You should download the program to every device in the system after changing any setting on this page. System Zone Code System Zone Code: 0
Network Key
Key: KrvRAtV46QlmRz0XmlyD*Ax@ Generate
This key must be unique for every system, and is not related to any WEP/WPA/WIFi keys.
You should use the default value in most cases.
Configure Zigbee and RS-485 Networks
ОК Салсеі
Network Key
Key: KrvRAtV46QlmRz0XmlyD*Ax@Generate
This key must be unique for every system, and is not related to any WEP/WPA/WiFi keys.
You should use the default value in most cases.
Configure Zigbee and RS-485 Networks
OK Cancel

2. Click OK

Frequently Asked Questions

Q: Driver does NOT show up on the RTI Authentication URL page?

- A: Check Driver Version and Configuration Settings.
- A: Check Processor Firmware.
- A: Make sure the RTI Authentication Section states that there is a driver that needs authentication.
- A: Reload the file onto the processor only.
- A: Make sure processor is connected to a network with internet connection.

Q: Processor Cannot Control 3rd Party Device?

- A: Check that client's credentials are same for RTI Authentication URL and 3rd Party Site.
- A: Check the source device configuration settings.

Q: Can I send the Authentication URL via text message to my client?

A: Yes – the link can be opened on smart devices other than computers.

Q: If I generate a new network key for any reason, do I need to send my client a new URL link?

A: YES – Generating a new network key will also create a new URL connection link between the processor and dashboard devices.

Q: Does the URL link expire?

A: No – the link will not expire unless a new network key is generated.

Q: Are there any user-interface commands or feedback options needed for the client.

A: No – this is only to make sure that the secure connection between the processor and source device is created. The client can always click on the URL link to make sure that the authorization is still intact.