

This guide is used to integrate your GraceSense™ EtherNet/IP™ ControlGate™ into Rockwell Automation FactoryTalk Studio 5000® software using the GraceSense™ ControlGate™ Add-On Profile. If you have not already downloaded an AOP XML file from the GraceSense™ Maintenance Hub and configured the Communication Settings, see the below guides. This is a requirement before integrating into Studio 5000®.

- ControlGate™ Communication Configuration Guide
- ControlGate™ AOP/XML Configuration Guide

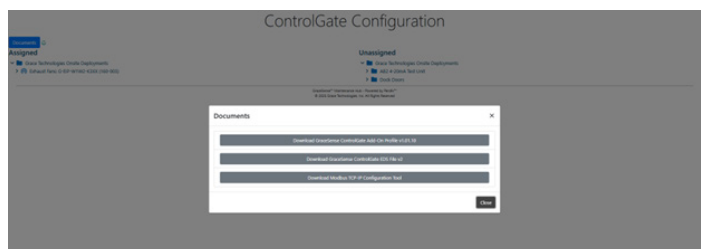
This guide is intended for users that are familiar with Studio 5000® and can create a new project or modify their existing project with the ControlGate™ data. It is not intended to be all encompassing and will skip over some steps for the sake of brevity. If you have any Studio 5000® specific navigation questions, please refer to the user guide for Studio 5000®.

Your exact data, configuration, file names and locations, and program may vary based on a variety of factors. Your version of Studio 5000® may also change navigational steps and capabilities slightly.

### ADD-ON PROFILE DOWNLOAD AND INTEGRATION

The GraceSense™ ControlGate Add-On Profile is compatible with Studio 5000® v21 and greater and not compatible with any version of RSLogix 5000. The GraceSense™ ControlGate™ Add-On Profile is native for version 35 and all subsequent releases. If you are using version 34 or earlier, please follow the instructions below to add the GraceSense™ ControlGate™ Add-On Profile to your Studio 5000® project:

1. Visit <https://hub.gracesense.com/> and log in
2. Using the menu at the top of the screen, navigate to Settings > ControlGate™ Configuration
3. Click on the Documents Button, and download the Add-On Profile



**Warning:** Verify an electrical conductor has been de-energized using an adequately rated test instrument before working on it. Follow appropriate Energy Control (Lockout/Tagout) procedures as per OSHA Subpart S. © Grace Technologies, Inc. All rights reserved. Specifications are subject to change with/without notice.

4. This downloads as a Zip File. Extract this and then run the MPSetup.exe File to add it as a new Device Type in Studio 5000®

5. Verify Successful Installation by Seeing the GraceSense™ ControlGate in your Module Profiles in Studio 5000®

#### Once the Add-On Profile is visible within your Module Profiles:

1. Right click on your Ethernet Module within your Studio 5000® project and select "New Module"
2. Search for GraceSense™ in the Catalog and select GraceSense™ ControlGate™
3. Enter in a Name and the IP Address. See the ControlGate™ Communication Configuration Guide if you have not yet configured your Gateway's IP Address.
4. Under Module Definition, click "Change...", followed by "Browse", and select the AOP XML that you have downloaded from the Maintenance Hub. See the ControlGate™ AOP/XML Configuration Guide if you have not yet completed this step.

The ControlGate™ will now show up under your Ethernet Module. If you navigate to Controller Tags, you will see the Gateway's configuration (GatewayName:C), and the 3 data connections (GatewayName:I1/I2/I3), which contain your Sensors.

From here, follow all safety precautions before downloading to your controller and going online with your project.

**Note:** If there are any changes to the Gateway's or Assets' configuration settings within the Maintenance Hub, the AOP XML will need to be reexported on the Maintenance Hub and reimported within the Module Definition section.