AN-246

Savant Integration

Application Note

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Contents

Savant Integration ____ 4
Prerequisites 4
Configuring the Integration ____ 5
Adding the Service 5
Configuring the Controller Commands 5
Starting the Service 5

Savant Integration

Protege GX and Protege WX systems provide a generic interface using the Protege Automation and Control service that enables integration with Savant Home Automation Systems. The integration is connected over the local network via ethernet to the Automation and Control protocol.

Prerequisites

Savant Integration with Protege GX requires:

- An operational Protege GX system

Savant Integration with Protege WX requires:

- An operational Protege WX system
- Advanced Mode enabled on the controller

The Savant system must also be configured with the ICT profile selected. The ICT profile acts as a protocol converter between the Savant system and the service that runs on the Protege GX or Protege WX system.

Configuring the Integration

Adding the Service

1. Navigate to **Programming | Services** and **Add** a new service.
2. Assign a **Name**, such as 'Savant Service'.
3. Set the **Service Type** to Automation and Control.
4. Set the **Service Mode** to Start with Controller OS.
5. Select the **General** tab.
6. Enter the **IP Port** to communicate with the Savant system. The default port is 8111.
7. Set the **Checksum Type** to 8 bit Sum.
8. Enable the following **Options**:
   - Numbers are Big Endian (Little Endian if not selected)
   - All Status Requests when Not Logged In
   - Ack Commands
9. Click **Save**

Configuring the Controller Commands

The Protege controller needs to be configured to enable the Automation and Control protocol to reference records in the order they are displayed in the Protege system, rather than by database ID.

1. Navigate to the **Controller Commands** window.
   - In Protege GX navigate to **Sites | Controllers | General** and select the controller that will connect with the Savant system.
   - In Protege WX navigate to **System | Settings | General**.
2. In the **Commands** window, enter the command:

   ```
   ACPUseDisplayOrder = true
   ```
3. Click **Save**.

Starting the Service

Once configuration is complete, the new service must be started to begin communicating with the Savant system.

Protege GX

1. Navigate to **Programming | Services**.
2. Right click on the new Savant service and select **Start Service**.

Protege WX

1. Navigate to **Monitoring | Services**.
2. Click the **Controls** button beside the new Savant service and select **Start Service**.

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