

Aimetis Symphony™

Release 6.7

Axiom RBH Integration Guide

December 13, 2011



Document History

Sym-6.7-D-702

Table 1. Changes to this manual

Date	Description
December 13, 2011	Added “b. Select messages from the right list and click Insert. Important: The messages should be in the exact order as shown in Figure 4.” on page 5.
October 19, 2011	Supported versions table. See Table 1, "Supported Versions," on page 1.
October 12, 2011	Correction: “Task 1: Configure access control software such that it forwards all events to Symphony Server” on page 3. Enter the Share name from step 3 in the adjacent field.
August 2011	First version of this document.

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Axiom RBH Integration

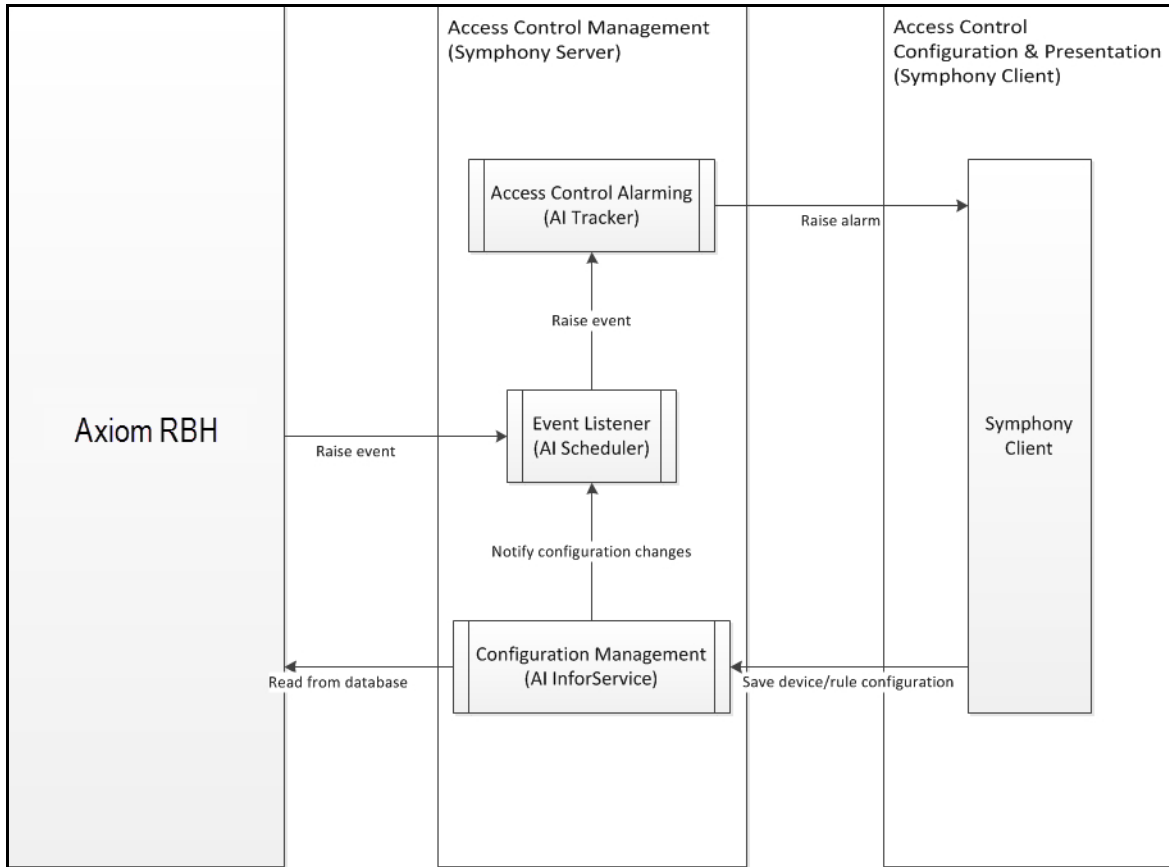


Figure 1. Axiom RBH integration with Symphony Server and Symphony Client

Table 1. Supported Versions

Symphony Product Version	Axiom RBH Version
6.2	5.2.1
6.5	5.2.17 Release 3
6.6	5.2.17 Release 3
6.7	5.2.17 Release 3

Work Flow

- [“Task 1: Configure access control software such that it forwards all events to Symphony Server” on page 3](#)
- [“Task 2: Add Devices in Symphony” on page 9](#)
- [“Task 3: Restart Scheduler Service and Symphony Client” on page 9](#)
- [“Task 4: Create Rules” on page 9](#)
- [“Task 5: Place Devices on Map \(Optional\)” on page 11](#)



Important: In any installation of Symphony, you are allowed only one type of Access Control. If you are using RBH, you cannot use Cardax at the same time.

Procedure

Task 1: Configure access control software such that it forwards all events to Symphony Server

In the Axiom Client, you must configure each device to send ASCII messages.

Share Folders between Axiom and Symphony

1. Log onto the machine with Symphony (Master) Server installed.



Note: To determine which is the Symphony Master Server.

1. In Symphony, from the **Server** menu, select **Configuration**. The **Configuration** dialog box appears.
2. In the left pane, click **Server Farm**. The **Server Farm Summary** is displayed in the right. The server named displayed in **bold** is the Master server.

2. Using a Remote Desktop (RDP), log onto the computer where Axiom Client is installed.
3. Share the **C:\Program Files\RBH\Axiom\VDData\Images** folder so that Symphony (Master) Server Windows user has access to it. Do NOT change the **Share name**.
4. On the machine with the Symphony (Master) Server, open the **Windows Services** dialog box. Right-click on **AI InfoService** and select **Properties**.
5. Click the **Log On** tab. Select the **This account** option.
 - a. Enter the **Share name** from step 3 in the adjacent field.
 - b. Enter the **Username** and **Password** that **AI InfoService** will use to access the shared folder (**Share name**).

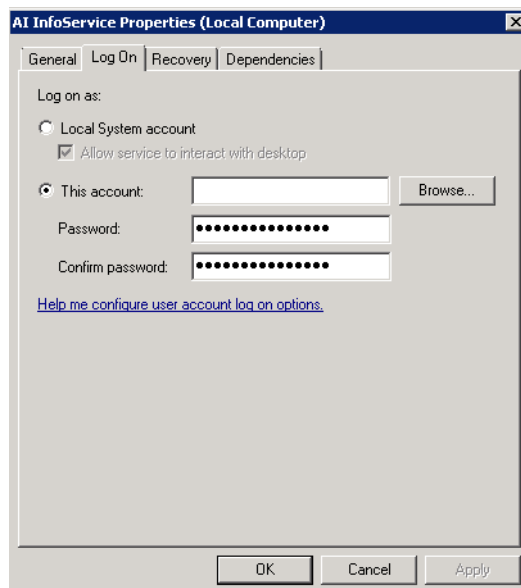


Figure 2. Windows AI InfoService Properties dialog box

6. In the RDP, start the Axiom Security software: **Start menu>Axiom Security System.**
7. Log in with: rbh/password. The **AxiomV Security System** application opens.

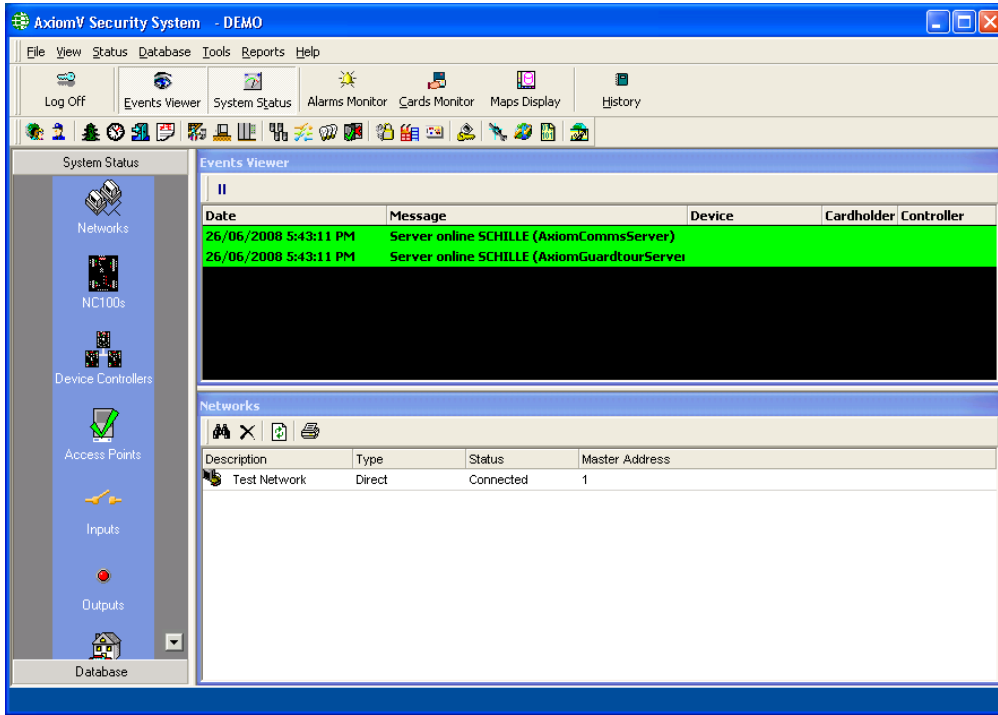
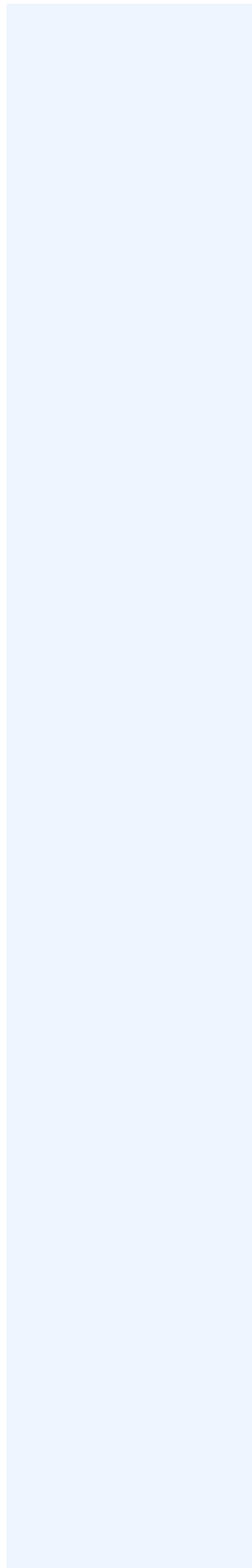


Figure 3. AxiomV Security System application



Set up Message Name and Ports

1. From the **Database** menu, select **Messages**. The **Message** dialog box opens.
 - a. In the **Name** field, enter **SymphonyMessage**.
 - b. Select messages from the right list and click **Insert**.
Important: The messages should be in the exact order as shown in [Figure 4](#).
 - c. After inserting the last message, you must press ENTER on your keyboard.

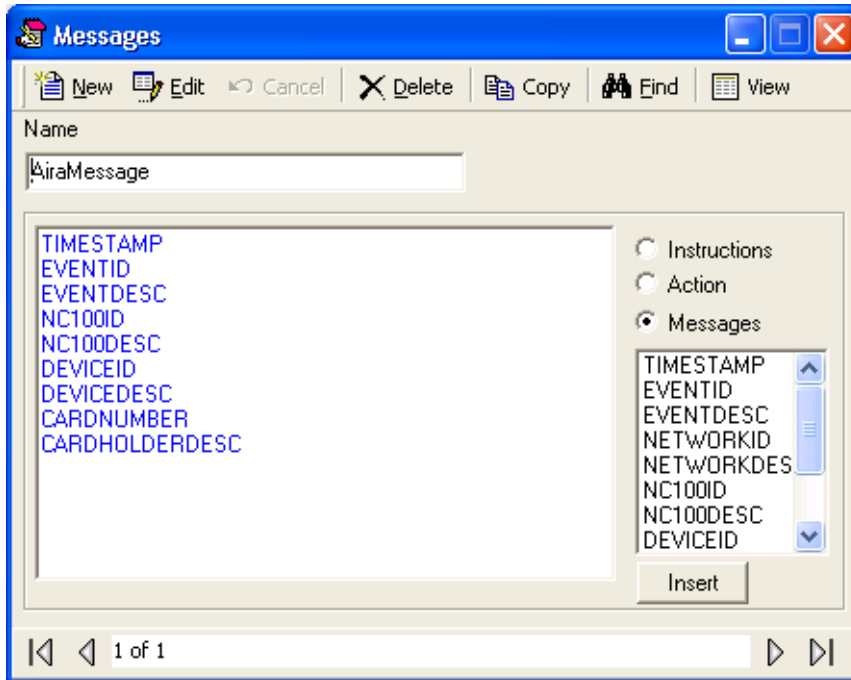


Figure 4. Message dialog box in AxiomV Security System

2. From the **Database** menu, select **Message Ports**. The **Message Ports** dialog box opens.
 - a. In the **Name** field, enter **SymphonyMessagePort**.
 - b. In the **IP Address** field, enter the Symphony (Master) Server IP.
 - c. In the **Port** field, enter **5025**.
 - d. Press ENTER on your keyboard.

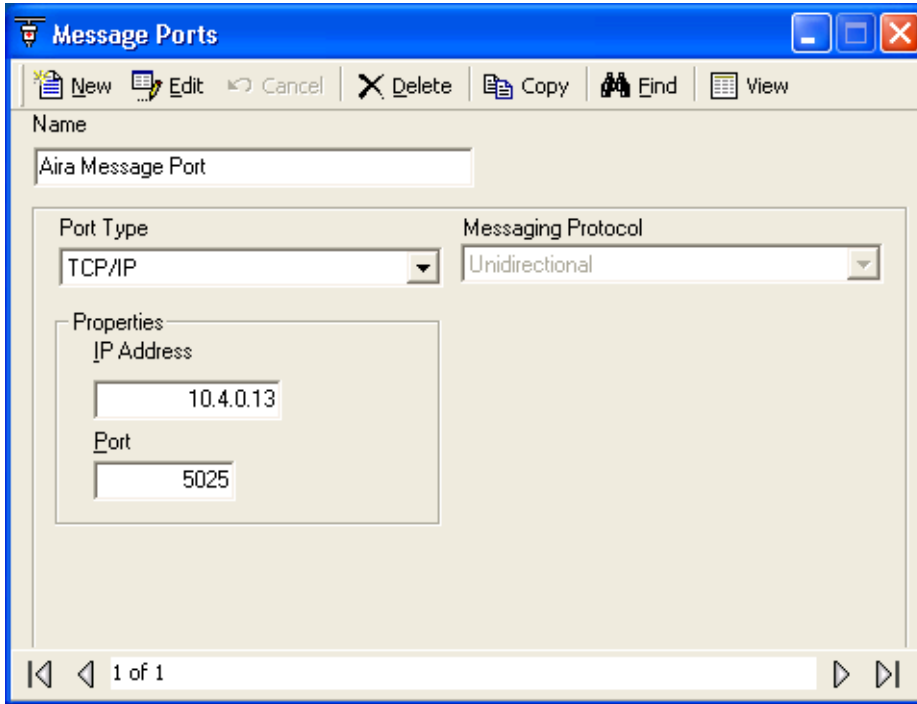


Figure 5. Message Ports

Configure each device

1. From the **System Status** sidebar, click **Access Points**. The **Access Points** dialog box opens.

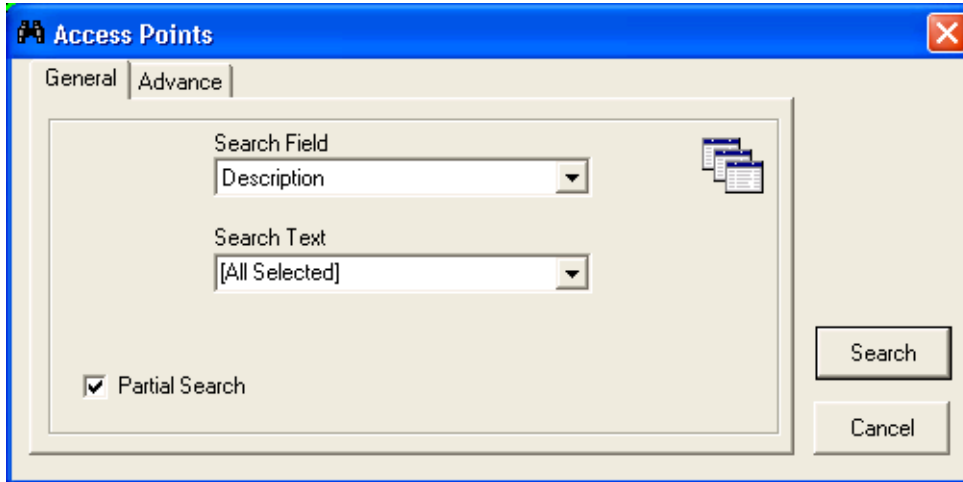


Figure 6. Access Points dialog box in AxiomV Security System

2. Click **Search**. The **AccessPoints** panel opens listing each device.

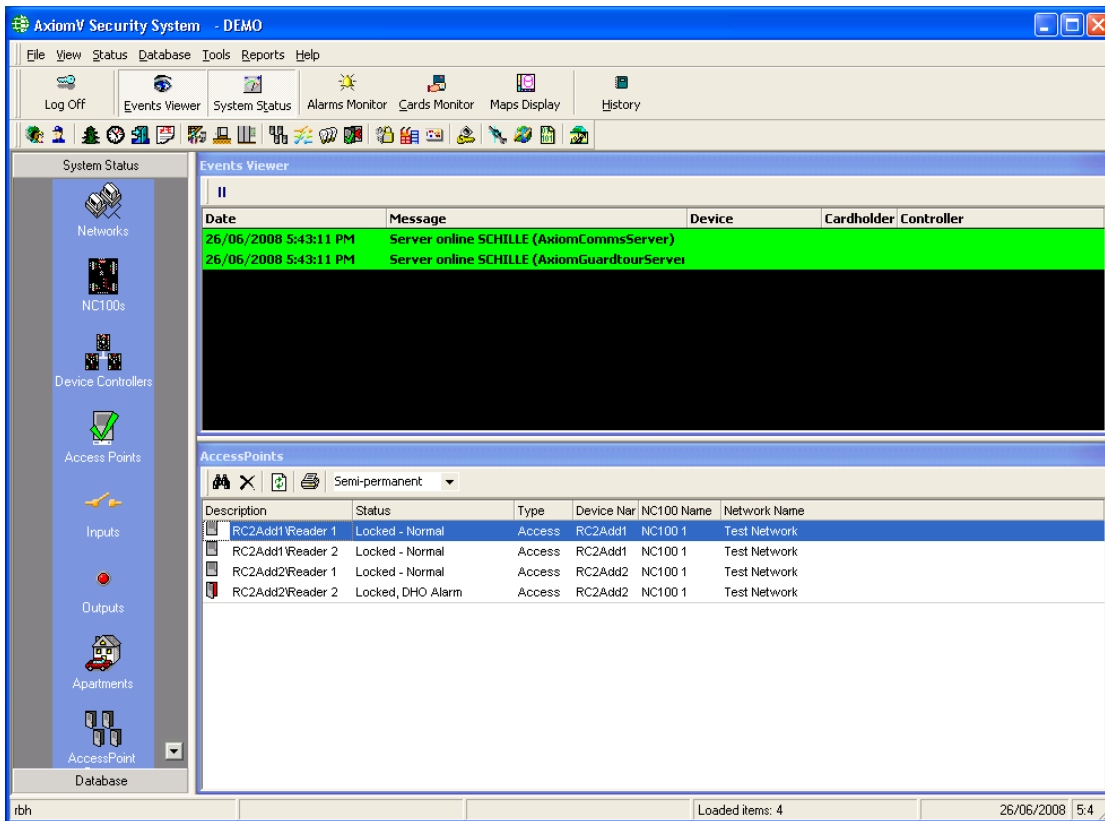


Figure 7. AccessPoints panel list in AxiomV Security System

3. For EACH device you must complete the following.
 - a. Right-click on a device in the list and select **Monitoring** from the context menu. A dialog box for the named device opens.
 - b. Click the **ASCII** tab.

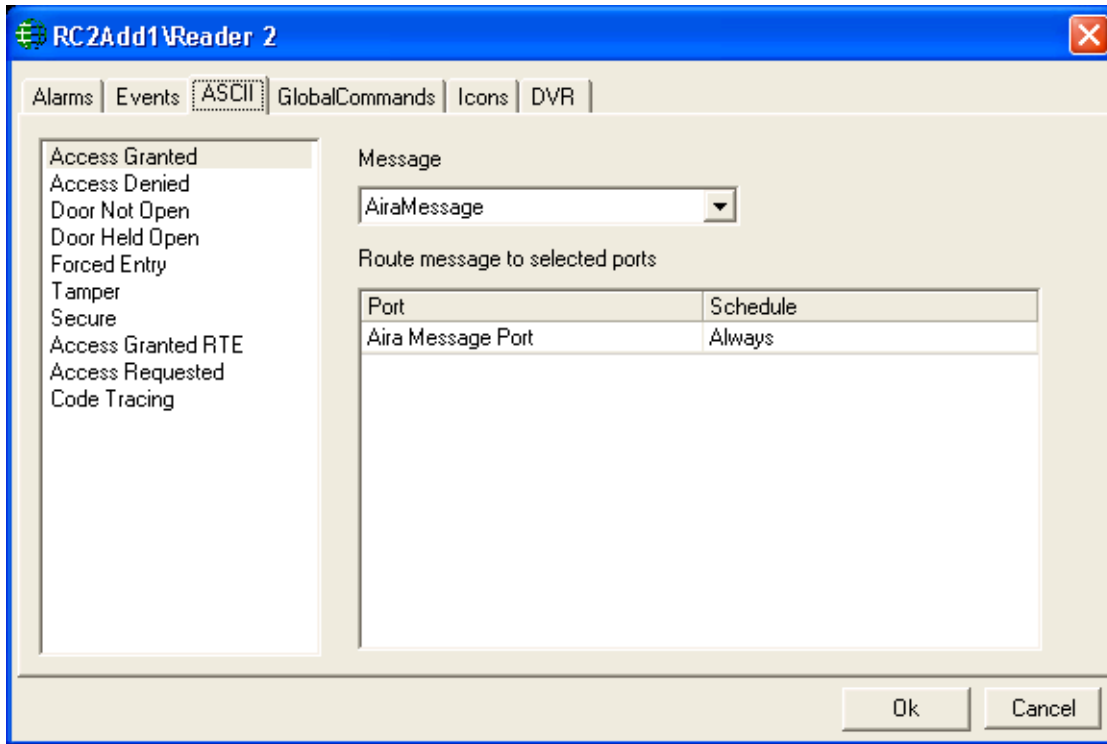


Figure 8.

- c. For each message in the list. Select the message.
- d. From the **Message** drop-down list, select **SymphonyMessage**.
- e. In the **Route message to selected ports** list, set the **Schedule** field to **Always** for the **SymphonyMessagePort**.
- f. Click **OK**.

Task 2: Add Devices in Symphony

1. In Symphony, from the **Server** menu, select **Add Access Device**. The **Add Access Device** dialog box opens.

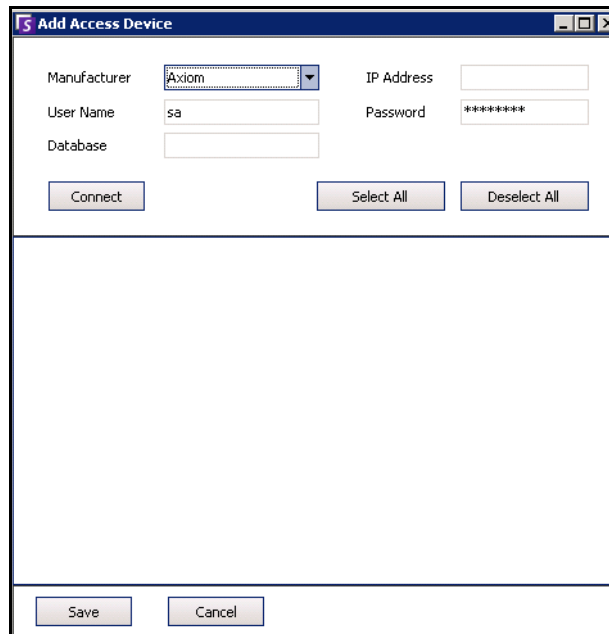


Figure 9. Add Access Device dialog box in Symphony

2. From the **Manufacturer** field, select **Axiom**.
3. In the **IP** field, enter an IP address of the Axiom server.
4. Enter the **Username** and **Password** that is used to access the RBH database.
5. Click **Connect**. Select the devices and click **Save**.

Task 3: Restart Scheduler Service and Symphony Client

Task 4: Create Rules

All Axiom events filtered by the rule should appear in the **Timeline** of the selected tracker and in the **Alarm Log**. Create a new rule by selecting desired devices corresponding triggers and the tracker you want to forward the Axiom events.

1. From the **Server** menu, select Configuration. The **Server Configuration** dialog box opens.
2. In the left pane, click **Rules**. The **Rules Summary** opens in the right pane.
3. Click **New**, and then **Event**.

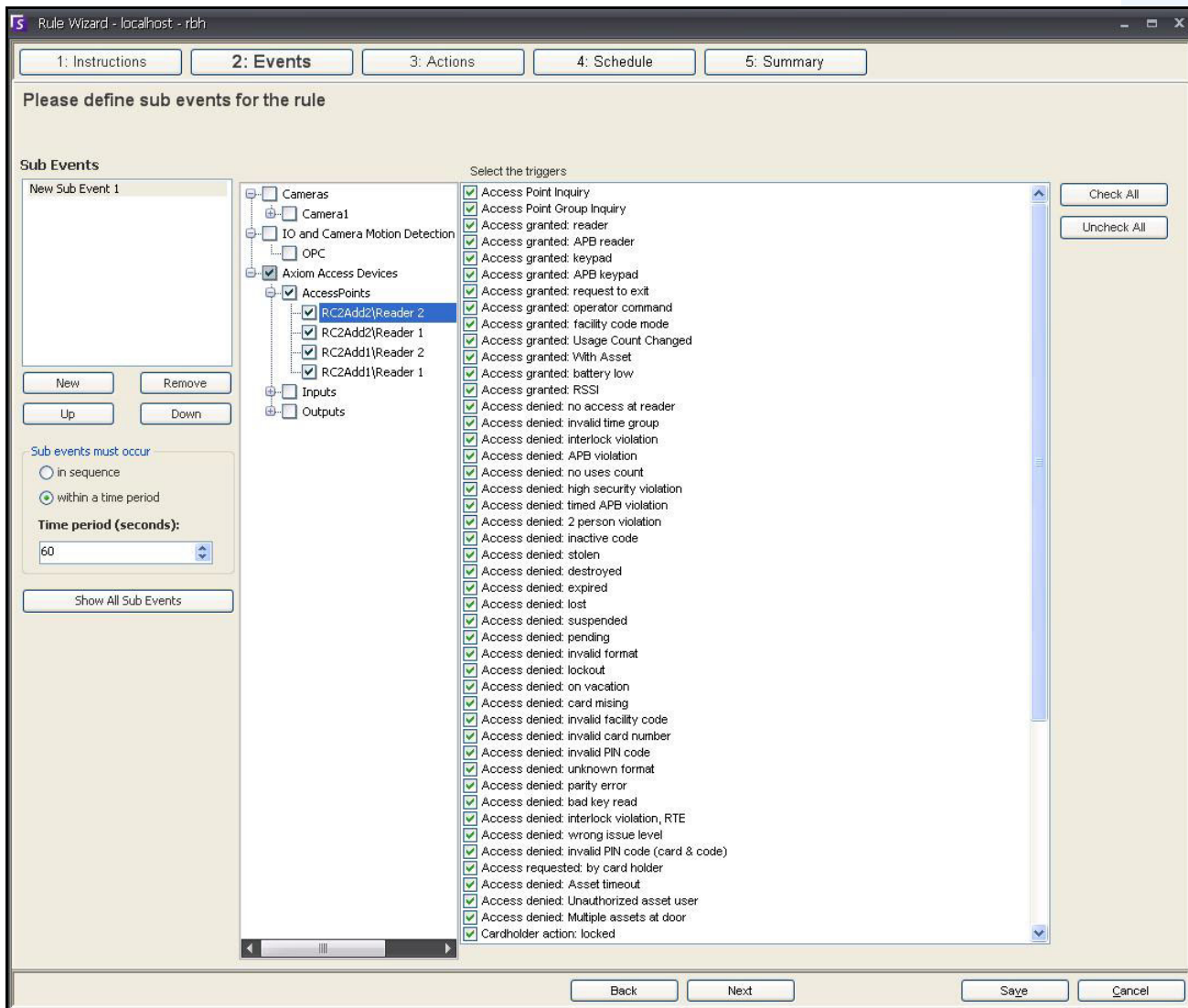
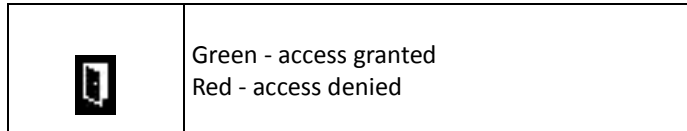


Figure 10. Events - All messages within each group displayed

4. In the displayed list, select the **Axiom Access Devices** check box. All messages within each category are displayed. For example, the *Access Granted* category may contain over 10 messages. Select the messages you require.
5. Click **Next**. In the **Alarm** tab, you must select a device from the **Choose a camera** drop-down list.

Task 5: Place Devices on Map (Optional)

Place the Axiom devices on the **Map**. All Axiom devices are shown as a door on the map.



1. From the **View** menu, select **Map Navigation**.
2. Scroll through the maps to select the one which will have rules.
3. In the upper right corner of the **Map** dialog box, click **Design** and then **Edit Maps**. The **Map Configuration** dialog box opens.
4. Click the **Devices** tab. From the right pane listing the devices, drag and drop the Axiom Control Access devices to the map with your mouse.
5. Click **OK** to save settings.

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