Exacq Synergy EAS Integration

Purpose

The purpose of this document is to provide guidance through the process of configuring the exacqVision Synergy EAS integration. This guide does not provide guidance for setting up and configuring the EAS system itself.

Software/Hardware Requirements

Exacq
- ExacqVision server version 7.6 or later
- ExacqVision client version 7.6 or later
- Exacq license: Professional or Enterprise

Sensormatic
- AMS 9060 Controller (as tested)
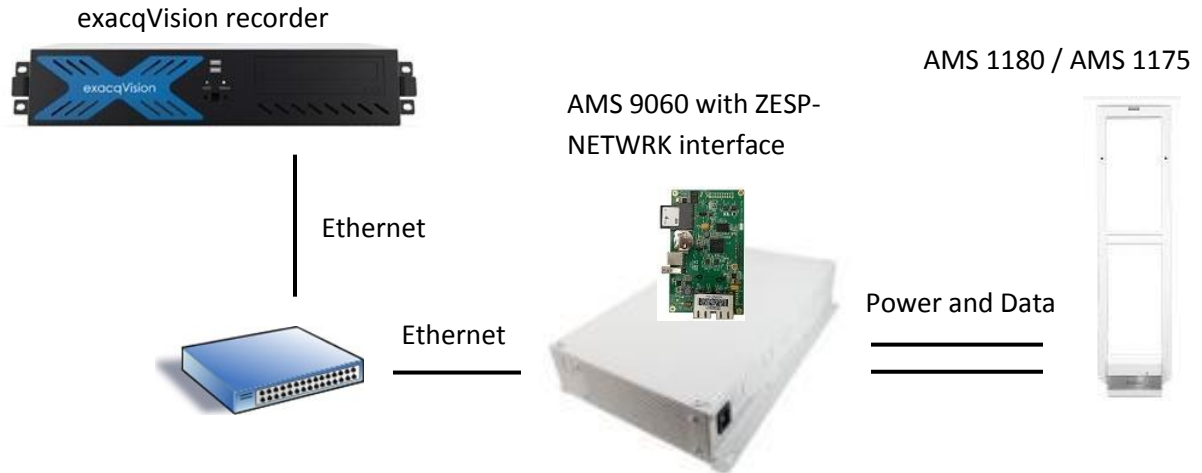- ZESP-NETWRK (firmware version 101.03.00 or later)

Overview

1. Configure the ZESP-NETWRK interface
2. Configure exacqVision

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Connection Diagram

This diagram illustrates a typical network configuration with a Synergy EAS system.

exacqVision recorder

AMS 1180 / AMS 1175

AMS 9060 with ZESP-NETWRK interface

Ethernet

Ethernet

Power and Data

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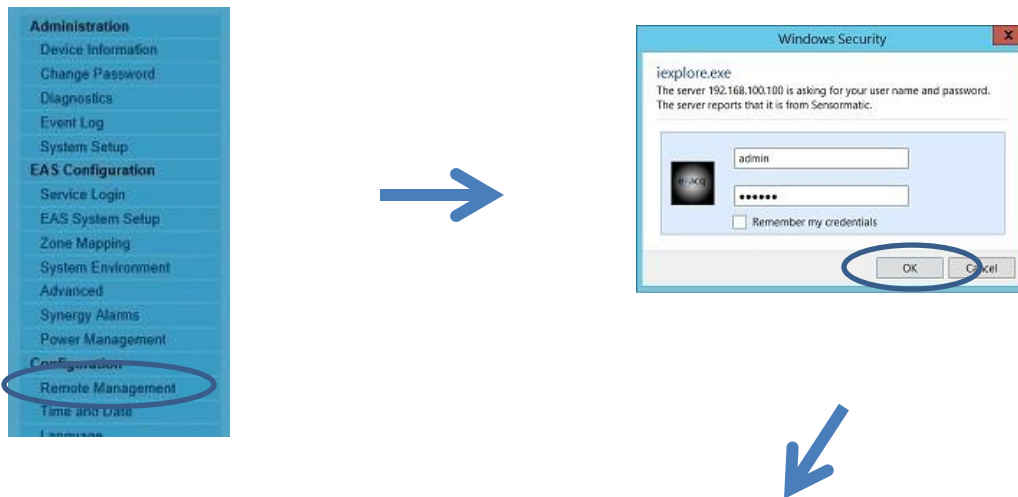Central Europe

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Configure ZESP-NETWRK interface

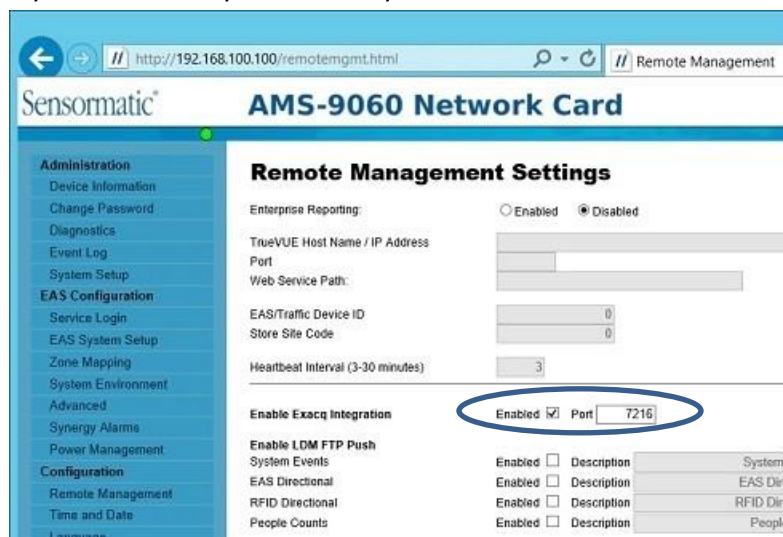1. Connect to the ZESP-NETWRK administration interface using an Ethernet connection or USB connection.
   a. If connected via USB navigate to 192.168.169.1 (default)
   b. If connected via Ethernet navigate to 192.168.100.100 (default)
2. Ensure that **Application firmware 101.03.00 or later** is in use in **Device Information**.
3. Next, Enable the Exacq Integration by performing the following steps:

Click on **Remote Management.**   Enter login credentials **admin/USBB24** (default), click **OK.**

- Enable Exacq Integration, check Enable box.
- Port value of 7126 is the default value. This is the TCP listening port for communication of data to exacqVision.
- Click **Apply** at the bottom of the page (not pictured)
- **Note**: A power cycle or reset may be necessary on the AMS and Network interface.
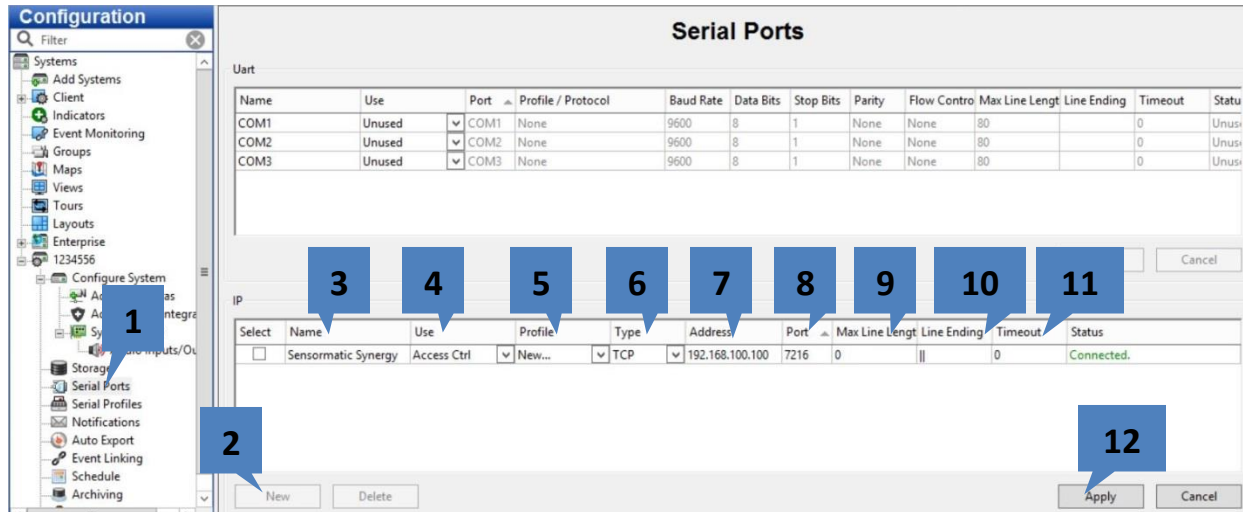
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Configure exacqVision

IP Serial Port

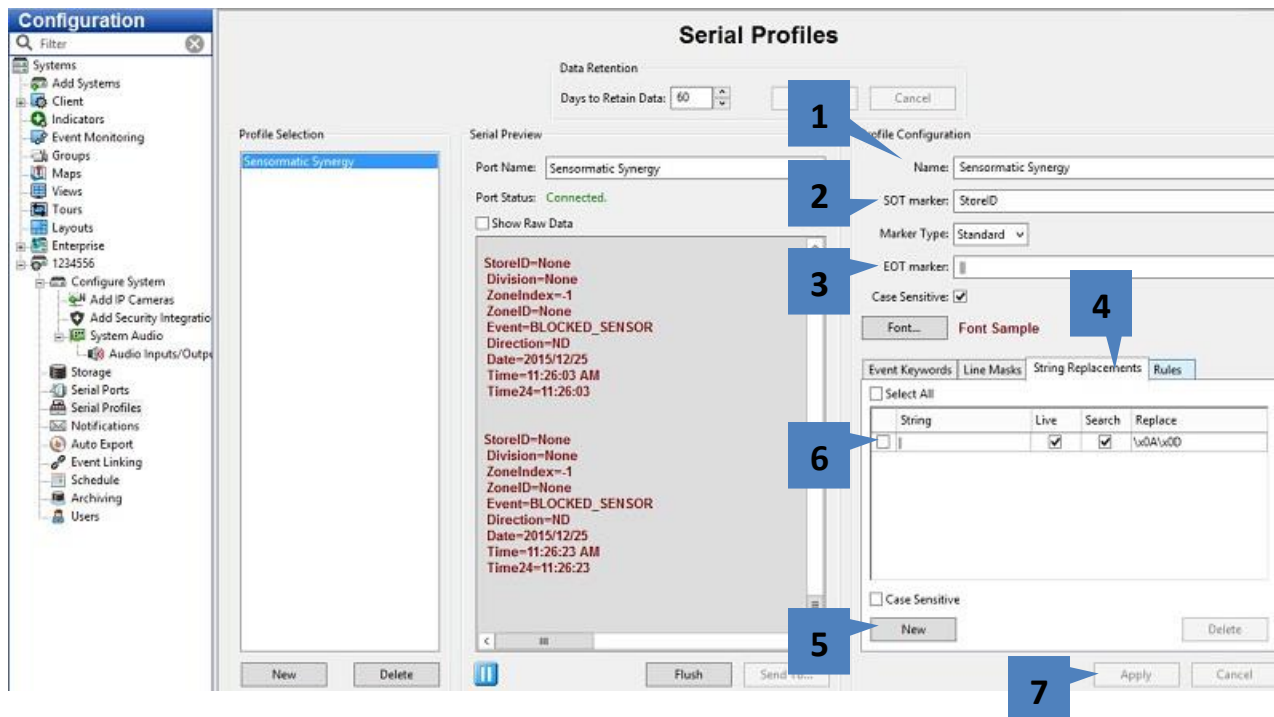Open the exacqVision client and follow these steps:

1. Select Serial Ports
2. Click **New**
3. Provide a meaningful name for the IP serial port
4. Select Access Ctrl (this selection simply changes the icon in Live View, you can choose anything)
5. Select **New** - this will trigger the **Serial Profile** page to display after clicking **Apply**
6. Select TCP
7. Enter IP address of the ZESP-NETWRK interface (default - 192.168.100.100)
8. Enter port number - (default - 7216)
9. Enter Max Line Length of 0 (effectively disabling this end-of-line parameter check)
10. Enter "||" (pipes) for Line Ending, (this causes the serial profile to match two "|"s to determine when the end of line is reached.)
11. Timeout can remain 0
12. Click **Apply**

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Serial Profile

You may have automatically arrived at this page from the **Serial Port** configuration page. Follow these steps:
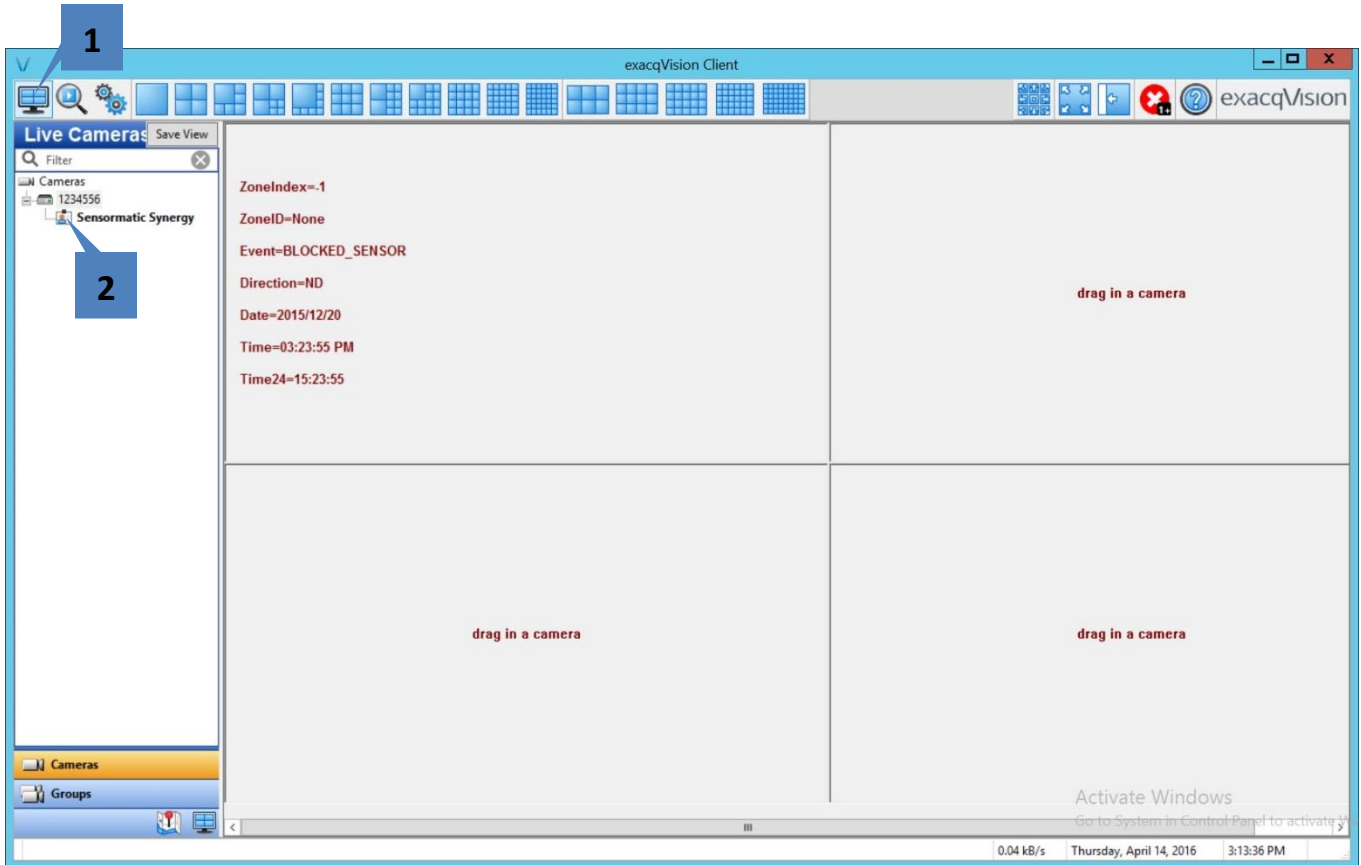

1. Enter a meaningful name
2. Enter "StoreID" for SOT marker
3. Enter "||" (pipes) for EOT marker
4. Select "String Replacement" tab
5. Click New
6. Enter String Replacement of: "|" Live=checked, Search=checked, Replace= "\x0A\x0D"
7. Click **Apply**

NOTE: Event Keywords and Rules can be created which will appear as **Event Sources** in the **Event Linking** page.

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Live View

To view data in Live View, perform the following steps
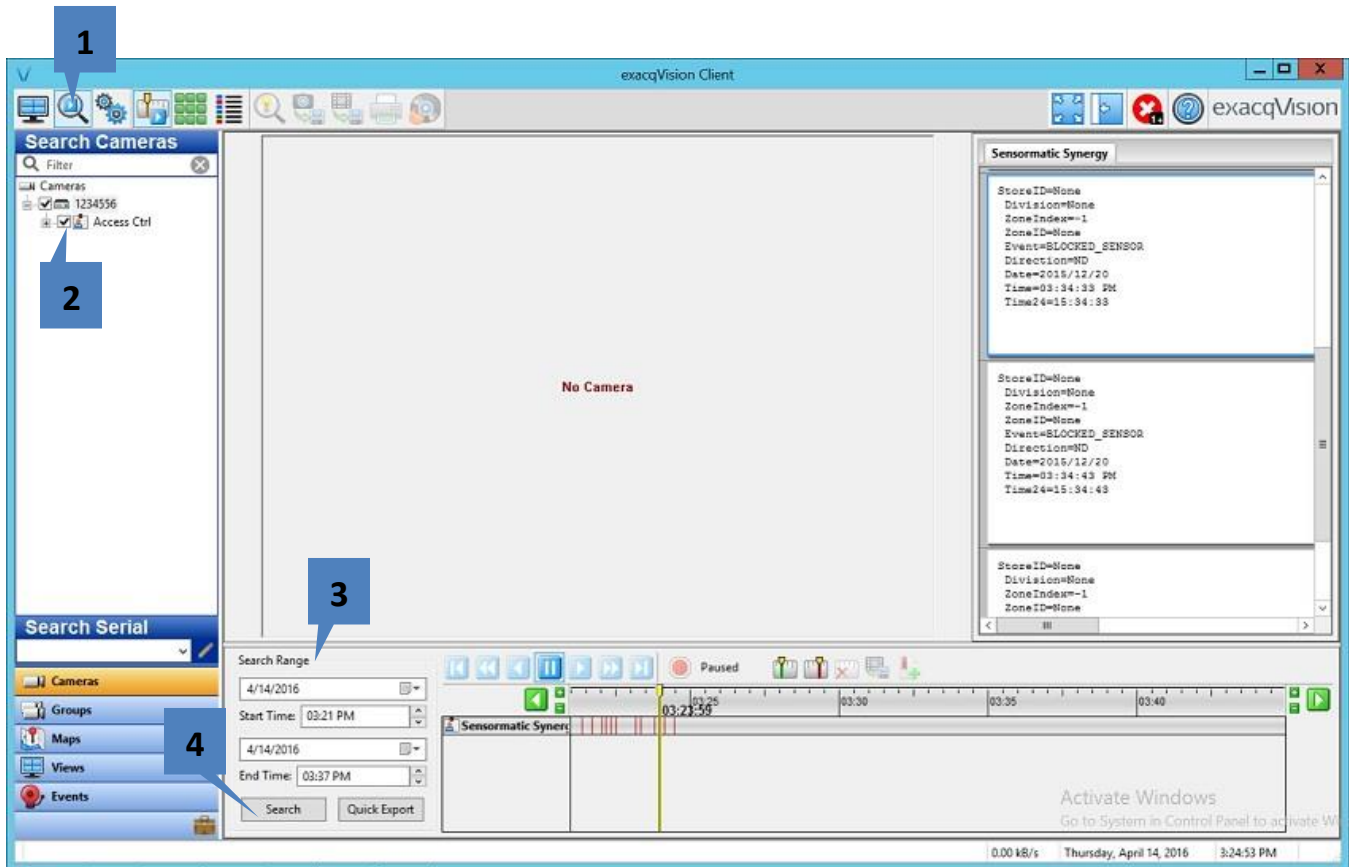

1. Click **Live View** button
2. Click and drag the serial data icon, named Sensormatic Synergy in this example, into a window pane

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Search

To search for serial data, perform the following steps.

1. Click the Search button
2. Select the serial data icon
3. Enter a valid time range
4. Click **Search**

Results will show up in the Window to the right and as red marks on the timeline.

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