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.







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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.

Administration	Windows Convrite
Device Information	windows security
Change Password	iexplore.exe
Diagnostics	The server 192.168.100.100 is asking for your user name and pass The server reports that it is from Sensormatic.
Event Log	
System Setup	Terrer (
EAS Configuration	aomin
Service Login	
EAS System Setup	Remember my credentials
Zone Mapping	
System Environment	OK
Advanced	
Synergy Alarms	
Power Management	
Configuration	
Remote Management	
Time and trate	
Lanounai	

- 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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Sensormatic"	AMS-9060 Network Card		
Administration Device Information	Remote Managem	nent Settings	
Change Password	Enterprise Reporting:	O Enabled	
Diagnostics	Technic Hard Name (10 Materia)		
Event Log	Port Rost Name / IP Address		
System Setup	Web Service Path:		
EAS Configuration	The server and		
Service Login	EAS/Traffic Device ID	0	
EAS System Setup	Store Site Code	0	
Zone Mapping	Heartheat Interval (3-30 minutes)	3	
System Environment		5	
Advanced	Funda Farma Internation	Carbled IZ Dec 2010	
Synergy Alarms	Enable Exact integration	Enabled M. Port 1216	
Power Management	Enable LDM FTP Push	3.004 8.000-	
Configuration	System Events	Enabled Description	System I
Remote Management	EAS Directional	Enabled Description	EAS Dire
Time and Date	RFID Directional	Enabled U Description	RFID Dire
Language	People Counts	Enabled L Description	People



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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.



Live View

To view data in Live View, perform the following steps

1				
V	exacqVision Client			
ÉQ %		🇱 🔛 🖻 😪 🞯 exacqVision		
Live Cameras Save View Q Filter (2) Cameras 1234556 Sensormatic Synergy 2	ZoneIndex=-1 ZoneID=None Event=BLOCKED_SENSOR Direction=ND Date=2015/12/20 Time=03:23:55 PM Time24=15:23:55	drag in a camera		
Cameras	drag in a camera	drag in a camera Activate Windows Go to System in Control Parel to activate W		
		0.04 kB/s Thursday, April 14, 2016 3:13:36 PM		

- 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		
	exacqVision Client	No exactly sign
Search Cameras Q Filter S Com 1234556 Com 1234556 Com 234556 Com 23456 Com 2	No Camera	Store ID-None Division*None Zone Index1 Zone ID-None Zone Index1 Zone ID-None Division*None Division*None Division*None Division*None Zone ID-None Division*None Zone ID-None Division*None
Search Serial	Search Rance	
Cameras Caups Croups Maps Views Views Events	4/14/2016 • Start Time: 03:21 PM 4/14/2016 • End Time: 03:37 PM Search Quick Export	Activate Windows Go to System in Control Pagel to activate W
		0.00 k8/s Thursday, April 14, 2016 3:24:53 PM

- 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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