This integration guide applies to the Absoluta series of access control panels from Bentel Security.
 (Test reference: model ABS104 control panel and M-Touch keypad)

Overview

exacqVision can be integrated with Bentel Absoluta series Control Panels. Configuration controls and real-time feedback have been added into the exacqVision client giving the user control and monitoring capabilities of the system.

NOTE: This integration applies only to the Bentel Access Control Panel/Keypad equipment with **firmware version 3.50 or later.**

For more information about control panel and keypad equipment, please visit
www.bentelsecurity.com

Purpose

 The purpose of this document is to provide guidance for integrating Bentel control panel equipment with exacqVision and using the exacqVision client for connecting, controlling and monitoring the access control system.

 NOTE: This guide does not cover the installation and configuration of Bentel security equipment in general.

+1.317.845.5710
+5255.56080817
+44.1438.310163
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Requirements

Exacq software requirements
• exacqVision client version: 8.4 (or greater)
• exacqVision server version: 8.4 (or greater)

License requirements
• exacqVision license: Professional or Enterprise

Bentel requirements or as tested
• One of the following Communicators:
• Control Panel : ABS104
• Keypad : M-Touch or Absoluta-T
• Firmware version 3.50 (or later)
• No licensing from Bentel required

Components

The Bentel Access Control components that were tested and integrated with Exacq were the following:

- Keypad: **Absoluta-T, Classika LCD or M-Touch**
- Control Panel: **ABS16, ABS42, ABS104**
- Any model of exacqVision recorder (required)

(images not to scale)

The security system communicates with the exacqVision recorder via the interface module the communicator module. This communication link between the exacqVision recorder and the control panel can be established ia Ethernet (IP/UDP) or Serial (RS232/RS244). This connection needs to be configured via the keypad (IP address or serial port number) before it is connected to ExacqVision.

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Configuration – Bentel Absoluta

With the exacqVision system connected to the control panel (**Absoluta**) via Ethernet (IP/UDP), use the keypad to configure the security system to communicate with the exacqVision recorder. Here are some general guidelines to follow when navigating the keypad menus.

- A user pin number of 1111 (default value) is used throughout these instructions. Substitute your own user code if programmed.
- Reference: Absoluta Installation Manual.

Enable the Absoluta Control Panel

- When the unit is powered on, there is a delay of approximately 30 seconds before the keypad is ready for user input.
- Enter installer passcode (1111 by default) and press enter

View IP address

1. Press home button
2. Input user login pin number (default 1111)
3. Press arrow icon for drop down menu on the top right of the screen (M-Touch keypad only)
4. Locate the "GSM/IP" icon. This will display the device IP address.
- **Note this IP address for use in ExacqVision connection.**

--To configure the IP address, please refer to Bentel user manual materials.--

To change hostname / name of device displayed in ExacqVision

- When the Bentel system is connected to ExacqVision using the "Add Security Integrations" page, after selecting Bentel from the Type dropdown box, you have the option to change the "Friendly Name". This will edit what the Bentel system is displayed as in the ExacqVision client.

NOTE: The name of the alarm zones *cannot* be changed through the ExacqVision client.

Exacq Setup

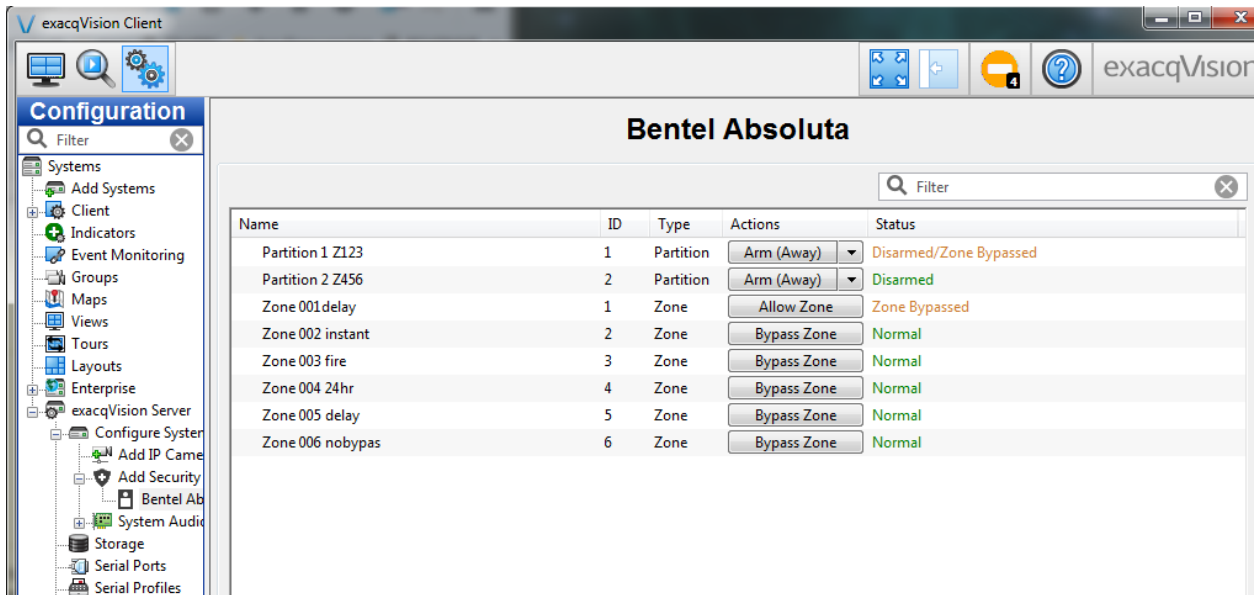### Select "Add Security Integration"

Launch the exacqVision client and perform the following steps.

- Select "Bentel Absoluta (ITv2)" from the Type drop down box
- Select TCP port Configuration. (If using Serial Port Configuration, please configure a Serial Profile in the ExacqVision client first)
- Add the IP address
- Change Panel Port Number as needed
- Use default pin number (or your programmed pin) in the Master User Code box
- Click Apply to connect.

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Supported controls now appear when you click on the Bentel Absoluta entry under "Add Security Integrations" entry in the configuration tree.

- Click on Bentel Security panel (or your chosen "friendly name" for the device).
- Arming and Disarming can be performed here with the following options:
  - Arm - State when user arms the panel at the keypad using their personal access code
  - Arm Away - provides an exit and entry delay, includes all zones
  - Arm Stay - provides an exit delay, bypasses interior zones
  - Arm (No Delay) - Arms immediately, triggers immediately
- Zones can be bypassed.
- Areas, as well as Zones (or "Points") can be renamed within the ExacqVision client.
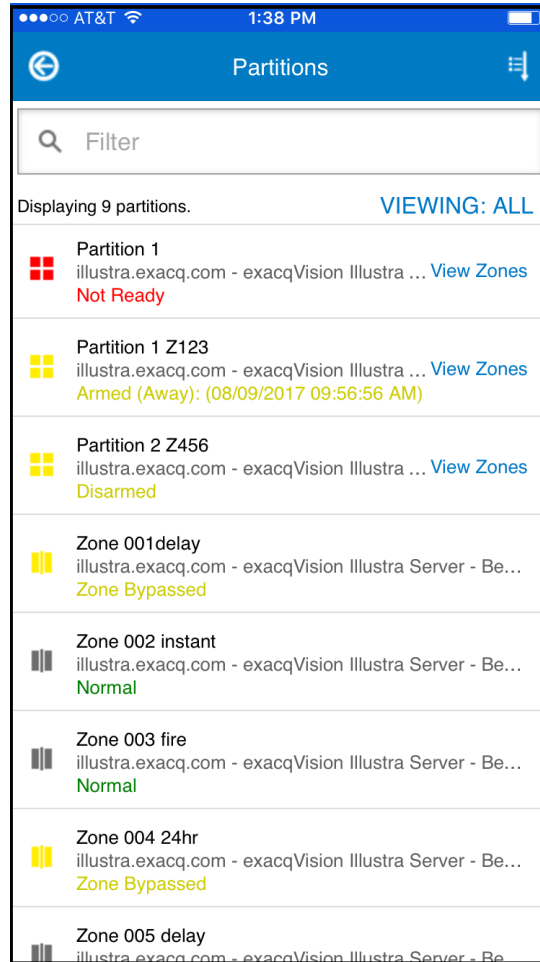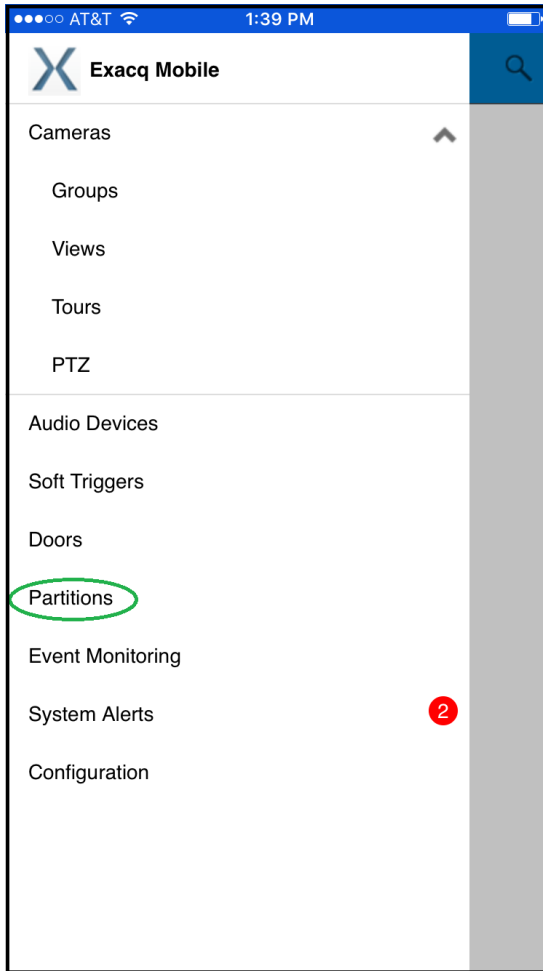

- If a supported IP camera is connected to ExacqVision, you can use Event Linking to trigger video recording, output trigger alarm, and more. NOTE: these features will not be available unless a camera with these features supported is connected and visible to the client.

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Mobile Client

Select "Partitions"

- This will allow you to Arm/Disarm zones

- Zones can only be renamed using the Bentel control panel specific to your installation.

(test screenshots from iOS)

The Bentel Access Control System is now integrated with exacqVision. For more information, please see your Bentel Control Panel user manual. Visit the www.bentelsecurity.com to find documents, firmware, and other information on each model.

Support Contacts
(Technical Support, Training tools, and more)
ExacqVision
https://exacq.com/support/

Bentel Security
http://www.bentelsecurity.com/index.php?o=contact

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