

# TECH FACTS BULLETIN

TECHNICAL SUPPORT

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# TX-4200-01 Supervision using EDS

## Introduction

Interlogix is providing this information to instruct dealers on re-configuring alarm panels to assure that the panels are supervising Panic Devices with part numbers: TX-4200-01-xx.

This bulletin is for users of the Enterprise Downloader System (EDS).

#### Issue

Panic Devices (with part number TX-4200-01-xx) may be enrolled as unsupervised. If that is the case, failures of the device may go undetected. This procedure will rectify that. Dealers can re-configure alarm panels to supervise TX-4200 devices.

# Procedure for SQL query

EDS users who have a current, updated database of their accounts may run a SQL query to find accounts with devices not enrolled in supervisory groups.

If you don't already have SQL Server Management Studio (SSMS) you can download it by navigating to the following URL and selecting the appropriate install; <u>https://msdn.microsoft.com/en-us/library/mt238290.aspx</u>

To query the Enterprise Downloader System (EDS) database for information on panic sensors not enrolled in supervisory groups, follow the below instructions.

After Installing and launching SSMS, select File ► Open ► File and navigate to the SQL script named PanicGroup\_SP.sql.

ļ	👳 Mi	icrosoft SQL Ser	ver Management	Studio
	File	Edit View	Project Debug	Tools Window Community Help
	먇	Connect Object	t Explorer	
	-	Disconnect Ob	ject Explorer	- <b>4</b> ×
		New		
		Open		Gi Project/Solution Ctrl+Shift+O
		Add		File Ctrl+O
		Close		File with New Connection
	۲,	Close Solution		File Disconnected
	H	Save Solution1	Ctrl+S	Policy
		Save Solution1	As	
	۶	Save All	Ctrl+Shift+S	
		Page Setup		
	8	Print	Ctrl+P	
		Recent Files		bled)
		Exit		(b)(d)

Verify the script by selecting the 'Parse' (blue check mark) button. If there are errors make sure you can see the ITIED and E3 databases in the databases list. Next, run the script by selecting the 'Execute' button (red exclamation point).



Execute the SQL Script

For SimonXT/XTi and Concord 4 panels, the results of the script will indicate which panels (indicated by account number) have panic sensors not enrolled in a supervisory group.

For NX8V2 panels, results will display the account number and the submodule index the panic sensor is enrolled in.

**Note**: These results will only show values for which accounts in the database have uploaded actual values from control panels. A batch job may be set up to upload sensors for all available accounts. See the Help section in the EDS User Interface for details on how to perform a batch job.

### Procedure to update devices

After launching EDS, connecting to the panel through the Edit Account control (using "Interactive Mode") is the easiest and quickest way to read ("upload") and/or write ("download") property values from/to the panel.

To make panel connections a modem must be connected for panels using a phone line, or a connection to the internet must exist for TCP/IP connected panels. Changes to "Modem Settings" may be required depending on the panel type and communication type selected.

To open an account as shown below, double-click the desired account in the Account Summary control.

Edit Account

ccount Number	Simon XT/XTi 99081	▼ ▼		Create Panel Template			
Touchpad Optio	ns System	Options	Siren Options	Audio Verification	n   I	Events	Diagnostics
Account Info	Access Codes	Security	Phones	Phone Options S	Sensors	Reporting	Timers
Account Extensic		•	Last Modified Da	13/3/2016 2:30:12 PM			
*Account Numbe	99081		Created By	208036910			
*Panel Version	1.5		Created	3/3/2016 2:30:12 PM			
Folder	(none)	•	Panel Phone or	555-5555			
Installation Date	3/ 3/2016		Comment				
Last Modified By							
Account Info Custo	mer						

To bring up the "Modem Settings" control select "Modem Settings".

Edit Modem Settings

COM3 Properties	X
Communication Mode	m Settings
Select Communicati	on
Communication Ty	/P Medem 🗸
Comm Port:	COM3 👻
Port Settings:	300,8,N,Two,cts,dsr Change
Modem	
	Detect Modem
Select the Modem	Conexant HDA D330 MDC V.92 🔻
	OK Cancel

- 1. Make sure the proper Communication Type is selected for the panel you want to connect to (e.g. Modem, TCP/IP, Direct Connect).
- 2. Next, if "Modem" is selected, make sure the proper Comm Port is also selected.
- 3. Select "Detect Modem". This will automatically select your modem and validate that your modem is recognized, and that it is one of the supported modem types.

Select "Port Settings" to change Baud rate, and Stop Bits.

For most panels, 300 baud is the proper baud rate and is the default value. For NX panels, use one Stop bit. For Simon XTi use one or two stop bits. ForConcord 4 and Simon XT use two stop bits.

To create a connection to a panel the following information is required to be entered into the Account representing the panel in EDS.

- 1. Account Number.
- 2. Dealer Code.
- 3. Downloader Code.
- 4. Phone number or TCP/IP address.

After selecting the "Connect" button at the bottom of the control it will turn to "Disconnect" when a panel connection is made and the "Read Property" and "Write Property" buttons will be enabled. To read and write properties select a tab and then select the desired property. Selecting "Read" or "Write Property" will perform that action on the selected

property. There are further selections available on both buttons (see the small down arrow to the right) that allow for full page or entire panel selections for both reading and writing.

**Read/Write Properties** 

nel Type count Number	Simon XT/XTi 99081	• •			Creat Tem	e Panel plate			
System Op	tions	Siren Optic	ons	A	udio Verifica	ation	Events		Diagnostics
Account Info	Access Codes	Security	Phones	Phone	e Options	Sensors	Reporting	Timers	Touchpad Options
Account Extensi	0		Last Mo	dified Da	13/3/2016 2	:30:12 PM			
*Account Numb	e 99081		Created	d By	208036910				
*Panel Version	1.5		Created		3/3/2016 2	:30:12 PM			
Folder	(none)	-	Panel Pl	hone or	555-5555				
Installation Date	3/ 3/2016		Comme	nt					
Last Modified B	y								
count Info Cus	tomer								
		lobs						_	

#### Enrolling SimonXT/XTi and Concord 4 sensors into supervisory groups:

First, make an active connection to the panel.

To enroll a panic sensor into a supervisory group for SimonXT/XTi panels navigate to the Sensors tab.

Simon & Concord panel(s) Supervisory Groups

count Number	Simon XT/XTi 99081	▼	Cre	ate Panel mplate		
Touchpad Optic	ons System ( Access Codes	Options Siren Options Security Phones	Audio Verifie Phone Options	cation Sensors	Events Reporting	Diagnostics Timers
	Programmed	Group		ID		
Sensor 1		<none></none>	-			
Sensor 2		<none></none>	-		_	=
Sensor 3		<none></none>	-			
Sensor 4		<none></none>	-			
Sensor 5		28 PIR motion sensor, sound	sensor, or 🔻	*0345654		
Sensor 6		<none></none>				
Sensor 7		<none></none>	-			
Sensor 8		<none></none>	•			
Sensor 9		<none></none>	-			
Sensor 10		<none></none>	-			
Sensor 11		<none></none>	-			~
ensors Sensor 1	ſext					

Change the group to 0, 2, 4 or 5. The following recommendations can be used.

- TX-4200-01-1 panic sensors already enrolled into group 01 should be re-programmed to sensor group 00
- TX-4200-01-1 panic sensors already enrolled into group 03 should be re-programmed to sensor group 02
- TX-4200-01-1 panic sensors already enrolled into group 06 should be re-programmed to sensor group 04
- TX-4200-01-1 panic sensors already enrolled into group 07 should be re-programmed to sensor group 05

Note: This process is the same for Concord 4 panels.

Make sure the cursor is on the "Group" property and select "Write Property". After writing the new value to the panel reading it back will verify that the value was properly written. After reading and/or writing, you may disconnect from the panel. Select "Apply" or "OK" to save your changes before closing the control (selecting "OK" will save changes and close the control).

#### Enrolling NX sensors into supervisory groups in the NX148E-RF module:

To enroll a panic sensor into a supervisory group for NX panels in the NX148E-RF module make an active connection to the panel. Next, navigate to the Modules tab.

#### **NX Panel Modules**

Account Number	NX-8V2 08219315	<b>-</b>	[	Create Panel Template	
Partition Settings	System Setti	ings Auto test	/ Armschedules	Modules Even	ts Diagnostics
Account Info	Zones Out	puts Codes	Alarm Reporti	ng Up/Download	Reporting / Codes
Account Extension *Account Number *Panel Version	08219315 1.09		ast Modified Da13, Created By C reated 2,	/7/2016 2:23:31 PM allinJob /22/2016 10:29:23 AM	
Installation Date	(none)			92.168.0.14:9998	
Last Modified By	208036910		n n	ine Account was created by	
Account Info Custo	mer				
Account Info Custo	mer	Jobs view /	New /		ОК С

Next, select the appropriate module for the sensor to be changed.

#### **Select Module**

anel Type .ccount Number	NX-8V2 08219315	• •	Cru	eate emp	Panel Iate		
Account Info	Zones Out	outs	Code	s Alarm Reporting	p/Download Re	eporting / Codes	
Partition Settings	System Settings Auto		test / Armschedules Mod		lles Events	Diagnostics	
	Module Type		Version	Device Number		Additional Setting	5
Module 1	NX-590E	-	3.15	TCP-IP Module (79)	-	NX 590E	
Module 2	NX-148E-RF	-	1.18	Keypad 1 - Partition 2 (193)	$\leq$	NX-148E-RF	
Module 3	NX-148E		3.46	Keypad 2 - Partition 1 (200)		NX-148E	
Module 4	NX-1348E		1.03	Keypad 3 - Partition 2 (209)			
Module 5 <unknown></unknown>		-	168 0.00	0 Keypad 4 - Partition 1 (216)			
Module 6	<not enrolled=""></not>			<not enrolled=""></not>			
Module 7	<not enrolled=""></not>			<not enrolled=""></not>			
Module 8	<not enrolled=""></not>	-		<not enrolled=""></not>	-		
Module 9	<not enrolled=""></not>	-		<not enrolled=""></not>			
Module 10	<not enrolled=""></not>	-		<not enrolled=""></not>			
Module 11	<not enrolled=""></not>	-		<not enrolled=""></not>	-		<b>•</b>
NoduleCount Mod	ules						
Panel	es	- Je	obs	ew/ New/		OK Apply	Cancel Help

For sensors enrolled in the NX148E-RF module, navigate to the "Transmitter Settings" tab. After identifying the panic sensor, select the "Supervised" value and mark it as checked. Next, keep the cursor on the "Supervised" checkbox and select the "Write Property" button.

**Transmitter Settings** 

nel Typ	e	NX-8V2		•		Create Panel	
count N	lumber	08219315		•		remplate	
Accou	NX-8V2][N	odule 2][NX-	148E-RF]	Codes A	iam Reporting	i information	a have been a first
Partiti	Options	Keypad Text	X10-Outpu	ts Transmitter Se	ettings Receive	er Settings	
_			ID	Enable sensor	Supervised	Fire Supervision	Input Option1
Mo	▶ Trans	mitter 1	AE01D4	$\checkmark$	1		=
Mo	Trans	smitter 2	4C3F37	$\checkmark$	<b>V</b>		
Mo	Trans	smitter 3	236166		✓	<b>v</b>	
Mo	Trans	mitter 4	A255FB	<b>v</b>	<b>v</b>		
MO	Trans	mitter 5	3AF535		$\bigcirc$		
MO	Trans	mitter 6	000000				
MO	Trans	mitter 7	000000				
MO	Trans	smitter 8	F782D4				
NO	Trans	mitter 9	AC1F1B	<b>v</b>	$\checkmark$		-
Mo	•	III					۴
lodule							
	:  Read	Property -	Write Prop	erty 🕞 🗐 Abort			ОК
anel							
			_	view / ivew			OK Can

After writing the new value to the panel reading it back will verify that the value was properly written. After reading and/or writing, you may disconnect from the panel. Select "Apply" or "OK" to save your changes before closing the control (selecting "OK" will save changes and close the control).

#### Enrolling NX sensors into supervisory groups in the NX448E module:

To enroll a panic sensor into a supervisory group for NX in the NX448E module make an active connection to the panel. Next, navigate to the Modules tab and select the appropriate module for the sensor to be changed.

For NX448E, Sensor IDs can be found on the "Sensor Information" tab.

#### Sensor ID

Sei	nsor Settings	Sensor Information Re-	ceiver Sett	ings			
		Sensor type	Transr	nitter Id	Condition Lost	Last Signal Good	(*
	Sensor 1	(0) Not Supported	•				Ξ
•	Sensor 2	(0) Not Supported	3E/	\341			
	Sensor 3	(0) Not Supported	-				
	Sensor 4	(0) Not Supported	•				
	Sensor 5	(0) Not Supported	•				
	Sensor 6	(0) Not Supported	•				
	Sensor 7	(0) Not Supported	•				
	Sensor 8	(0) Not Supported	•				
	Sensor 9	(0) Not Supported	•				-
•		III					Þ

To view the supervisory status of the sensor, select the "Sensor Settings" tab.

#### **Sensor Settings**

ensor Settings	Sensor Information	Receiver Settings			
	Enable Sensor	Sensor Supervised	Fire Supervision	Input Option1	Inpu 🔺
Sensor 1					E
Sensor 2		$\langle   \rangle$			
Sensor 3					
Sensor 4					
Sensor 5					
Sensor 6					
Sensor 7					
Sensor 8					
Sensor 9					-
•	III				4

After identifying the panic sensor number, select "Supervised" for the corresponding sensor and mark it as checked. Next, keep the cursor on the "Supervised" checkbox and select the "Write Property" button.

After writing the new value to the panel reading it back will verify that the value was properly written. After reading and/or writing, you may disconnect from the panel. Select "Apply" or "OK" to save your changes before closing the control (selecting "OK" will save changes and close the control).