



Manufacturer:
 Model:
 Device Type:

CONTACT SUPPORT: (please fill out carefully)

COMPANY NAME:	FVE Incorporated (alertTech)
SUPPORT CONTACT:	Scott Morell
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ADDRESS:	PO Box 3803, Stowe, VT 05672
NOTES:	Push Notifications to an iPhone/iPad from a SIMPL Windows program on 3-series processor

GENERAL INFORMATION

SIMPLWINDOWS NAME:	alertTech_V1.0
CATEGORY:	Miscellaneous
VERSION:	1.0
SUMMARY:	The alertTech_V1.0 module allows push notifications to be sent to a user's iPhone/iPad from a SIMPL Windows program on a 3-series processor. An account with alertTech is required for the module to function. Please contact alertTech at info@alertTech.io
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	3-Series processor (all models)
SETUP OF CRESTRON HARDWARE:	Standard processor setup with valid DNS entry required.
VENDOR FIRMWARE:	SIMPL Windows 4.11.06 or higher
VENDOR SETUP:	Valid DNS entry required in 3-series processor, so module can reach crestron-api.alerttech.io site.
CABLE DIAGRAM:	n/a



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CONTROL: (*examples below)

<i>Signal/Function Name</i>	<i>D,S,A</i>	<i>Digital, Serial, Analog signal property definition.</i>																			
Send_attributes	D	Momentary signal once all serial inputs have been populated.																			
site_id	S	Unique UUID from the alertTech™ Admin Portal required to reach the correct end user.																			
location	S	Friendly name of site or location in the house alert is being sent about. (Ex. Ktichen thermostat)																			
Global_event_type	S	1 = generates push notifications and logs event to the history list in the app. 2 = only logs event to the history list of the app, no push notification generated. Used for monitoring. 3 = reserved for future use.																			
Major_category/ Minor_category	S	<table border="1"> <thead> <tr> <th>Major Category</th> <th>Minor Category</th> </tr> </thead> <tbody> <tr> <td rowspan="9">1 = Security</td> <td>1 = Fire</td> </tr> <tr> <td>2 = Burglary</td> </tr> <tr> <td>3 = Carbon Monoxide</td> </tr> <tr> <td>4 = Temperature/Flood</td> </tr> <tr> <td>5 = Panic Button</td> </tr> <tr> <td>6 = Loss of Power</td> </tr> <tr> <td>7 = Low Battery</td> </tr> <tr> <td>8 = Loss of Communication</td> </tr> <tr> <td>9 = Other</td> </tr> <tr> <td rowspan="6">2 = Doorlock</td> <td>1 = Locked</td> </tr> <tr> <td>2 = Unlocked</td> </tr> <tr> <td>3 = UserCode XX used</td> </tr> <tr> <td>4 = Battery Low</td> </tr> <tr> <td>5 = Communication Issue</td> </tr> <tr> <td>6 = Other</td> </tr> </tbody> </table>	Major Category	Minor Category	1 = Security	1 = Fire	2 = Burglary	3 = Carbon Monoxide	4 = Temperature/Flood	5 = Panic Button	6 = Loss of Power	7 = Low Battery	8 = Loss of Communication	9 = Other	2 = Doorlock	1 = Locked	2 = Unlocked	3 = UserCode XX used	4 = Battery Low	5 = Communication Issue	6 = Other
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	<ul style="list-style-type: none"> 1 = Actively Heating 1st Stage 2 = Actively Heating 2nd Stage 3 = Actively Heating 3rd Stage 4 = Actively Heating 4th Stage 5 = Emergency Heat Engaged 6 = Actively Cooling 1st Stage 7 = Actively Cooling 2nd Stage 7 = Fan On 8 = Fan Auto 9 = Other
3 = Temperature	
4 = Battery Level	<ul style="list-style-type: none"> 1 = Below Level 2 = Other
5 = Lighting	<ul style="list-style-type: none"> 1 = All On Active 2 = All Off Active 3 = Security Activated 4 = Timed Squence Reached 5 = Other
6 = Shades	<ul style="list-style-type: none"> 1 = All Open Active 2 = All Closed Active 3 = Shade Traveling 4 = Other
7 = Audio	<ul style="list-style-type: none"> 1 = Audio Zone Active 2 = All Audio Zones Off 3 = Other
8 = Video	<ul style="list-style-type: none"> 1 = Video Zone Active 2 = All Video Zones Off 3 = Source XX has YY Resolution 4 = Display XX is On 5 = Display XX is Off 6 = Other
9 = Aux Sensor	<ul style="list-style-type: none"> 1 = Sensor (String) Active 2 = Sensor (String) NotActive 3 = Sensor outside of normal limits 4 = Other



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		10 = Camera 11 = Other 1 = Camera XX Offline 2 = Camera XX Detects Motion 3 = Other 1 = Item/Device XX (String) reports YY (String)
Minor_Category	S	See major_category/minor_category above. (Ex. Major_category=2 for doorlock and minor_category=2 for unlocked). Major and Minor categories are used to organize the events in the alertTech app.
Event_value	S	Optional field with value of something like a thermostat. If not using this field, set it to "".
Event_description	S	Description of event. Ex. "Kitchen thermostat is at 48 degrees." Text shows up in both the push notification and the event history in the alertTech app. Simple formatting like \n can be used to help structure the look of the push notification. TIP: Use MAKESTRING in SIMPL+ to easily combine strings and analog values to populate this field.
Enable_debug	D	Optional input that enables debugging information in Debugger if needed.

FEEDBACK: (*examples below)

Response_code	A	Enable_debug must be enabled. Returns the HTTPS response code after the alert has been sent by the send_attributes momentary trigger.
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PARAMETERS: (anything needed to be assigned inside program)

Server Hostname	S	Must be set to Crestron-api.alerttech.io
Server Port	S	Must be set to 443



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TESTING: (please fill out carefully)	
OPS USED FOR TESTING:	1.503.3568.26236 (CP3)
SIMPL WINDOWS USED FOR TESTING:	4.11.06
DEVICE DB USED FOR TESTING:	111.00.001.00
CRES DB USED FOR TESTING:	85.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	Symlib2.Tio 1099
SAMPLE PROGRAM:	alertTech Quick Start.smw
REVISION HISTORY:	1.0

For additional information, please visit our website at www.alerttech.io. Please contact us at info@alerttech.io or call +1802-343-5246.

