

SmartConfig LITE V2.9.2.0 – TOOL FOR CONFIGURING T-Gen2 / FP1600 / IO-NET

SmartConfig LITE has been updated to version 2.9.2.0. This resolves a T-Gen2 issue where importing audio files with non-ASCII filenames results in an invalid database.

GENERAL

SmartConfig LITE is a Windows PC-based software package that permits fire alarm panel site-specific data to be generated, viewed and edited off-line without direct access to the fire alarm panel. The site-specific data file generated can be downloaded by direct connection to the panel, or remotely via an IP network or modem (with the assistance of an on-site person to verify and commission the system).

SmartConfig LITE supports the VIGILANT FP1600 fire alarm systems, T-Gen2 emergency warning system, and the VIGILANT IO-NET distributed control system. It has been developed to enable these products to be easily, rapidly, and accurately configured. Additionally it allows existing configurations to be rapidly viewed (and edited).

SCREENSHOT

Board No.	Circuit No.	Zone No.	Zone Name	Circuit Type	CallPoint	Gated	Latching	Brigade Calling	Bell Ringing	Power	Residential Smoke Alarm on zone LED	Notes
1	1	1	Basement	Residential		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MCP only	MCP only		indicated	
1	2	2	Ground Floor	Detector		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All alarms	All alarms			
1	3	3	Flat	Residential		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MCP only	MCP only		indicated	
1	4	4	FS	Flowswitch				None	None	Low		
1	5	5	First Floor	Detector		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All alarms	All alarms			
1	6	6	Second Floor	Detector		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All alarms	All alarms			
1	7	7	Third Floor	Detector		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All alarms	All alarms			
1	8	8	Evac	Evac			<input type="checkbox"/>	None	All alarms	Low		
1	9	9										
1	10	10										
1	11	11										
1	12	12										
1	13	13										
1	14	14										
1	15	15										
1	16	16										

VIGILANT SmartConfig LITE – FP1600 Zones Configuration Screen

SmartConfig LITE FEATURES

- "Point and Click" Windows program.
- *QuickStart* mode presents frequently-changed information only. *Advanced* mode provides access to all information.
- Runs on Windows 8.x, and 10.
- "Multiple Document Interface" allowing several different system configurations to be edited / viewed simultaneously.
- Multiple tables, each showing a logical section of the configuration data.
- Familiar spreadsheet-like interface.
- Cut and Paste with other Windows programs.
- Print by table or all tables for comprehensive as-installed reference.
- Comparison of two databases, with the differences shown on screen and optionally printed.
- Command to create a PDF document of the configuration (Acrobat reader format) so it can be easily emailed to a consultant or customer.
- Search for text and values.
- Various views of data with sort and filter.
- "Go To" command to switch to linked data (e.g. show a mapped point's data from zone view).
- Inbuilt terminal for panel diagnostics and upload and download to a panel.
- Consistency and Output Logic check.
- Suitable for FP1600 Mk3 (Firmware V4.01) and later.
- Saves additional information, e.g., modification history, notes for each zone and each relay, etc.
- Can program IO-NET V2.00 and V2.01 controllers, thus replacing the IO-NET compiler version V2.20 (SF0088) for most applications. Can also extract the program from all existing IO-NET controllers in case the file has been lost.
- Online help and manual available.
- Automated database upload / download to panels.
- Prints Zone LED naming labels compatible with the VIGILANT 19" rack 4U 80-zone LED display door (ME0457).
- Prepares specific T-Gen2 configurations and can reset T-Gen2 to factory default.

COMPATIBILITY

T-Gen2 Version Compatibility

SmartConfig LITE allows custom configurations to be prepared and downloaded to the T-Gen2. This is needed for systems where 100V Switching Modules, Slave T-Gen2 modules, 14A PSE, or a User Interface are added, or changes to the default operation need to be made.

It is also able to reset the T-Gen2 to factory defaults.

SmartConfig LITE version 2.9.2.0 can create configurations that are compatible with V1.x or V2.x T-Gen2 firmware.

FP1600 Version Compatibility

SmartConfig LITE is designed for FP1600 (Mk3) firmware version V4.01 and later. It produces databases for use with FP1600 versions V4.xx and V5.xx. With SmartConfig LITE V1.6.2.0 and later it defaults to V4.xx.

In a multi-board (OMEGA 64) system, databases for all boards are held in one common file, but must be downloaded into each board separately.

IO-NET Version Compatibility

SmartConfig LITE can prepare files for IO-NET Controllers V2.00 and V2.01 and can program this into the controller ICs using the standard IO-NET programmer unit PA0700. SmartConfig LITE can also extract the program from existing IO-NET Controller ICs for all versions up to V2.01 (e.g., when the file is lost or not available), and read "Text" files used with the previous IO-NET compiler (SF0088). Files relating to version V1.x controllers may need some manual adjustments (i.e., convert RZDU zone format to also specify panel number). This is documented in SmartConfig's help.

The older IO-NET compiler SF0088 is still required for programming V1.x firmware IO-NET Controllers. However, these old controller ICs can easily be replaced with version V2.xx ICs and then SmartConfig LITE can be used.

ELECTRONIC PRINTOUT

The ability to create a PDF document of the configuration is built into SmartConfig LITE. The PDF file can be used for emailing to a consultant or customer, or for later printing.

SYSTEM TESTING

As always, when making programming changes, it is necessary to fully test the system after making the changes and/or downloading a new site-specific data file (database) to ensure the actual operation matches the desired operation. Minor changes may only require the changed part of the system to be tested, provided you compare the old and revised site-specific data files to ensure that no unintentional changes have been made. The 'Compare' feature of SmartConfig LITE permits a detailed comparison of two databases so that minor changes can be easily verified.

SmartConfig INSTALLATION

SmartConfig LITE is supplied as one file, SF0323.exe. When run, this will install SmartConfig LITE on your PC (this process requires you to have administrator access rights on your computer). A number of files will be created, including an on-line help file, and a file (LT0345.pdf) that you can print to get a paper copy of the manual.

To upgrade an existing version of SmartConfig LITE, download and run the new installer program SF0323.exe as noted above (this process requires you to have administrator access rights on your computer). It will not overwrite older versions by default, however, you will be given the option of removing older versions.

AVAILABILITY

The installation program SF0323.exe can be downloaded from the **Fireplace** web site <http://vigilant-fire.com.au>. Select "Downloads ANZ" in the "Resources" drop-down menu at the top of the landing page. The SmartConfig LITE installation program (SF0323) is in the **T-Gen2**, **FP1600**, and **IO-NET** sections.

If the downloaded file needs to be confirmed as correct, the SF0323.exe V2.9.2.0 file has a SHA256 value of:

```
aa139d4f1eb4ec9472ab61bb6ca09970f2f540e81a62a0b3fd2110c934aebead
```

This can be obtained using the following command line in a Windows 10 command prompt.

```
CertUtil -hashfile SF0323.exe SHA256
```

DELETING FROM A COMPUTER

To delete SmartConfig LITE from a computer:

- Start | Settings | Control Panel | Add/Remove Programs
scroll down to SmartConfig LITE 2.9, click Add/Remove and Uninstall. Follow the instructions.

Earlier versions of SmartConfig LITE can be removed with the appropriate uninstall option.

SmartConfig LITE VERSIONS

Version 2.9.2.0

SmartConfig Version 2.9.2.0 was released in October 2020. It had the following bug-fixes –

- For T-Gen2 databases, fix issue importing audio files with non-ASCII filenames.

Version 2.9.0.0

SmartConfig LITE Version 2.9.0.0 was released in June 2020. It had no significant changes made.

General

- Fixed issue with display of voltages when the decimal separator is comma not full stop in Windows.
- Fixed issue where no template files are displayed when non-English character set is selected in Windows.
- A number of invalid logic checks have been removed.

Version 2.8.0.0

SmartConfig LITE Version 2.8.0.0 was released in November 2018. It had the following new features and bug-fixes –

General

- Default passwords removed, and minimum password strength checking introduced.

T-Gen2 Specific

- Support for the T-Gen2 using version 2 firmware added - this includes support for Grade 1 & 2 systems.

Version 2.7.0.0

SmartConfig LITE Version 2.7.0.0 was released in December 2017. It had the following new features and bug-fixes –

General

- Support for the T-Gen2 product added.