Release Notification of SGConfig 7.4

SGConfig is a PC software-based user interface that allows users of GE Substation gateways to efficiently manage configuration files for the D20, D25, iBox and D400 series of substation controllers.

SGConfig 7.4 includes all of the functionality available in the ConfigPro software, provides enhanced visual representation of your substation hardware configuration and device software configuration.

**NOTICE**

SGConfig v7.4 is now available for ordering. This product is available for download free of charge from GE’s technical support Website. CDs can be ordered through GE’s Grid Automation Online Store under part number 588-0082_04. Version 7.4 supersedes earlier versions of SGConfig software.

This SGConfig release provides:

- **New Features**
- **Enhancements**

SGConfig™ version 7.4.0 encompasses all of the features of the following software products:

- ConfigPro™, the previous configuration tool for the GE Digital Energy D20*, D200*, D25*, and iBOX* product lines.
- D400™ Utilities version 3.0.0
- SGConfig 7.3
- Earlier releases of the IEC 61850 Loader

In addition to the ConfigPro functionality, SGConfig provides:

- Reduced memory requirements, compared to SGConfig 6.
- Added support for importing and exporting xml representation of D2x devices.
- Added support for D25 KT control card.
- Added support for D25 Ethernet 100/10 MB card.
- Added support for secure configuration transfer to/from D20 devices with D20MX processors over Ethernet connections.
SGConfig v7.4 New Features

Simplified Installer

The SGConfig installer has been simplified to reduce installation time and support unattended installs. In addition the SGConfig installer now offers both Standard and Custom installations.

Standard:

Standard installation is intended for older computers and designed to support operating systems such as Microsoft Windows XP Professional. Standard installation minimizes both installation time and disk space used on the target system.

**Note:** Product literature, multimedia screencasts, and D2x embedded application documentation is not installed by the Standard installation.

Custom:

Custom installation is intended for newer computers with more disk space available. Custom installation allows the selection of individual modules.

**Note:** Product literature, multimedia screencasts, and D2x embedded application documentation is always installed by the Custom installation.

Viewing Multiple Windows Simultaneously

Support has been added for multiple document interfacing (MDI) mode. This is an alternative to the default tabbed interface.

The MDI mode allows the user to configure multiple D2x applications concurrently.

The User Interface option allows you to select the **Tabbed** or **MDI** interface.

The image below shows the default tabbed interface.

The image below shows a sample MDI view; viewed by opening multiple windows and clicking **Windows tab > Cascade**.
This feature is enabled through Preferences > Global System Preferences.

SGConfig v7.4 Enhancements

- Added support for simplified installer
- Reduced the time it takes to install the product
- Added support for unattended installs
- Added support for automatic updates for internal users
- Added support for multiple document interface (MDI) mode as an alternative to the default tabbed interface to support configuring multiple D2x applications concurrently
- Improved performance and accuracy when importing IEC 61850 Loader groups
- Greatly reduced the time it takes to complete the generate operation for the IEC 61850 Loader
- Greatly reduced the time it takes for the IEC 61850 Loader configuration editor to appear after initiating the “Edit Configuration” operation
- Added support for saving the configuration of the IEC 61850 Loader without exiting from the diagram
- Added IEC 61850 Loader support for PowerOn Supervise systems
- Added support for updating the reference database through the Import Package operation
- Added support for updating the Paradox application definitions through the Import Package operation
- Added support for updating the D2x application documentation through the Import Package operation
• Improved support for displaying D2x application documentation when configuring embedded applications

Microsoft® Windows® OS Support

SGConfig 7 supports the following operating systems:

• Microsoft Windows XP Professional 32-bit with 2 GB or more RAM
• Microsoft Windows XP Professional 64-bit with 2 GB or more RAM
• Microsoft Windows 7 Professional, Enterprise and Ultimate 32-bit with 4 GB RAM
• Microsoft Windows 7 Professional, Enterprise and Ultimate 64-bit with 4 or more GB RAM

Support is not provided for versions of this product that are installed on operating systems other than those identified above, as the operation of this product has not been verified for any other combinations of operating systems.

Firewall Exceptions

Users are notified of, and can approve the creation of any firewall exceptions required for the correct functioning of the SGConfig 7.4 application.

Due to limitations in the functionality of the Windows firewall under Windows XP, the types of firewall exceptions created under Windows XP are different from those created in other supported operating systems. Specifically, under Windows XP, any firewall exceptions created are for the entire computer for specific ports, and not limited to specific applications except in the case where the user selects the option to use iSCS connections for devices containing processors other than the D20MX.

Frequently Asked Questions

Q: Are configuration files created in ConfigPro and earlier versions of SGConfig compatible with SGConfig v7.4?
A: Existing configuration files created using any version of ConfigPro, and earlier versions of SGConfig can be converted to SGConfig v7.4 format.

Files created in SGConfig cannot be converted to ConfigPro format.

Files created in SGConfig 7.4 cannot be converted to earlier versions of SGConfig.

Q: Where are the Application Definitions stored in SGConfig?
A: Application definitions are stored on SGConfig's database. SGConfig is provided with a complete set of the application definitions for all applications including latest versions as of the date of the release of the SGConfig Software. New applications and enhancements for existing applications are continuously being developed. Please visit GE Grid Automation technical support website for information on product updates. New application definitions can be imported using the Migration Wizard.

Q: Are configurations stored in a single default directory, as they are in ConfigPro?
A: One of the main differences between the legacy ConfigPro Setup software and SGConfig is the internal architecture of the product. ConfigPro is based on a file system for archival of configuration data. In order to enable long term product sustainability and expandability of the SGConfig software, the architecture of the setup software was re-designed to operate using a database architecture for data management. Configurations in SGConfig are stored inside of the repository of the SQL Database. During runtime, SGConfig extracts the configuration from the database. Upon completion of configuration updates, SGConfig stores the configuration data back in the SQL Database.
Additional Information

For more detailed information on the SGConfig 7 release, see the SGConfig 7 tool > Getting Started > Release Notes.

Visit GE Substation Automation technical support website for software updates:


Product Support

We trust that this information assures you that GE Digital Energy is committed to the continued support of the Substation automation product line. We appreciate your business and look forward to continuing to grow our relationship.

If you need help with any aspect of your GE Digital Energy product, you have a few options:

• Search Technical Support
• Contact Customer Service

Search Technical Support

The GE Digital Energy Web site provides fast access to technical information, such as manuals, release notes and knowledge base topics.

Visit us on the Web at: http://www.gedigitalenergy.com/

Contact Customer Service

The GE Digital Energy Customer Service Center is open 24 hours a day, seven days a week for you to talk directly to a GE representative.

In the U.S. and Canada, call toll-free: 1 800 547 8629

International customers, please call: +1 905 927 7070

Or e-mail to: multilin.tech@ge.com

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Document Revision History

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