

Config600™ Configuration Software

The Config600™ Configuration Software Suite (Config600) provides tools that enable you to configure FloBoss™ S600+ Flow Computers. Config600 enables you to transfer an existing FloBoss S600 configuration into a new or upgraded FloBoss S600+ (although some manual configuration changes may be required).

Config600 software consists of the following components and features:

- Windows®-based, easy to use interface.
- Separate configuration and maintenance applications.
- LogiCalc scripting language.
- Password security.
- Common application templates.

Config600 software is designed for ease of use. Dialog boxes help direct selections and data entry. Drop down menus and pre-loaded field values guide you through the process of building configurations.

Three versions of Config600 are available.

- Config600 Pro
- Config600 Lite+
- Config600 Lite

Table 1. Config600 Tools

Feature	Config600 Lite	Config600 Lite+	Config600 Pro
PCSetup Program	X	X	X
Transfer Program	X	X	X
Report Editor	X	X	X
Modbus Editor	X	X	X
Display Editor	X	X	X
Configuration Generator		X	X
System Editor			X
LogiCalc™			X

Note: Config600 Pro is **only** available to those who successfully complete a Config600 Pro training course.

Config600 Pro enables you to build, send, receive, and edit FloBoss S600+ configurations. Config600 Pro provides a full configuration workbench, and is for users who need to have full control over their application.

Config600 Lite allows you to send, receive and edit existing configurations, and is suggested for users whose configurations have been initially created by their local sales channel, integrator, or the factory.

Config600 Lite+ includes the features of Config600 Lite, and adds the functionality of the Configuration Generator.

The Configuration Generator is included with Config600 Lite+ and Config600 Pro, and allows you to create configurations and specify the number of stations and meter runs, meter run types, and the calculation method.

The PCSetup Program is included with all versions of Config600 software, and allows you to tailor the configuration to the process by adding, deleting, or changing the process parameters. The process parameters include engineering units, I/O parameters, communications port parameters, archiving and reporting parameters, meter constants, calculation initialisation modes, totaliser parameters, alarm limits, and security access (password and user names).

The Transfer Program is included with all versions of Config600 software, and can download the configuration into the flash memory of a FloBoss S600+. The program can upload the configuration from the device to a PC. It also permits software upgrades in the field.

Note: A specialised utility program, IPL600, is available to help you send and receive configuration files (and configure related communications settings), and is intended for users who do not require the configuration building, reporting, or editing abilities of Config600.

The Report Editor, Display Editor, and Modbus Editor programs are included with all versions of Config600 software, and allow you to modify the reports, display interfaces, and Modbus mappings created by the Configuration Generator program.

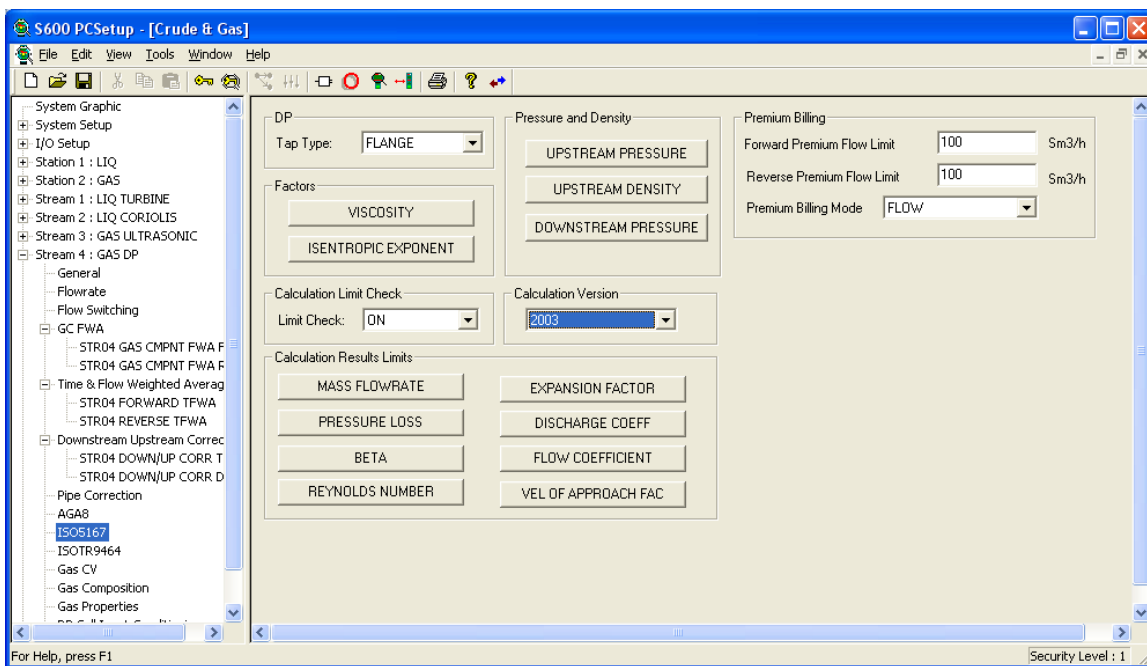
The LogiCalc user language enables you to write and/or edit user programs in a scripting language similar to BASIC. It contains a development tool to help write, test, and debug programs. Testing can be performed on a PC against an actual FloBoss S600+ configuration file, and then conducted in the field on the actual FloBoss S600+ (field testing requires a serial or network connection).

Config600 software is designed to run on a personal computer (PC) having the following minimum requirements:

- Pentium-class processor (233 MHz recommended)
- CD-ROM drive and mouse
- Windows 2000, Windows Server 2003 (SP), Windows XP, Windows Vista, or Windows 7

- 64 MB of RAM for Windows 2000 or
- 512 MB of RAM for Windows Server 2003 (with the latest Service Pack) or Windows XP or
- 1 GB RAM for Windows Vista or Windows 7
- SVGA color monitor, 800 x 600 pixels
- 400 MB of available hard disk space

Help screens are accessed from the Help menu. This feature makes it easy to learn how to use this software and to access on-line information for any topic. The software and user documentation are supplied on a CD-ROM.



Config600 Example Configuration Screen

For customer service and technical support, visit www.emersonprocess.com/remoted/support.

Headquarters:

Emerson Process Management
Remote Automation Solutions
6005 Rogerdale Road
Houston, TX 77072 U.S.A.
T +1 281 879 2699 | F +1 281 988 4445
www.EmersonProcess.com/Remote

Europe:

Emerson Process Management
Remote Automation Solutions
Unit 8, Waterfront Business Park
Dudley Road, Brierley Hill
Dudley UK DY5 1LX
T +44 1384 487200 | F +44 1384 487258
www.EmersonProcess.com/Remote

North American/Latin America:

Emerson Process Management
Remote Automation Solutions
6005 Rogerdale Road
Houston TX USA 77072
T +1 281 879 2699 | F +1 281 988 4445
www.EmersonProcess.com/Remote

Middle East/Africa:

Emerson Process Management
Remote Automation Solutions
Emerson FZE
P.O. Box 17033
Jebel Ali Free Zone – South 2
Dubai U.A.E.
T +971 4 8118100 | F +971 4 8865465
www.EmersonProcess.com/Remote

Asia-Pacific:

Emerson Process Management
Remote Automation Solutions
1 Pandan Crescent
Singapore 128461
T +65 6777 8211 | F +65 6777 0947
www.EmersonProcess.com/Remote

© 2004 – 2015 Remote Automation Solutions, a business unit of Emerson Process Management. All rights reserved.

Remote Automation Solutions, a business unit of Emerson Process Management, shall not be liable for technical or editorial errors in this manual or omissions from this manual. REMOTE AUTOMATION SOLUTIONS MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS MANUAL AND, IN NO EVENT SHALL REMOTE AUTOMATION SOLUTIONS BE LIABLE FOR ANY INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PRODUCTION, LOSS OF PROFITS, LOSS OF REVENUE OR USE AND COSTS INCURRED INCLUDING WITHOUT LIMITATION FOR CAPITAL, FUEL AND POWER, AND CLAIMS OF THIRD PARTIES.

Emerson Process Management Ltd, Remote Automation Solutions (UK), is a wholly owned subsidiary of Emerson Electric Co. doing business as Remote Automation Solutions, a business unit of Emerson Process Management. FloBoss, ROCLINK, ControlWave, Helicoid, and OpenEnterprise are trademarks of Remote Automation Solutions. AMS, PlantWeb, and the PlantWeb logo are marks owned by one of the companies in the Emerson Process Management business unit of Emerson Electric Co. Emerson Process Management, Emerson and the Emerson logo are trademarks and service marks of the Emerson Electric Co. All other marks are property of their respective owners.

The contents of this publication are presented for informational purposes only. While every effort has been made to ensure informational accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. Remote Automation Solutions reserves the right to modify or improve the designs or specifications of such products at any time without notice. All sales are governed by Remote Automation Solutions' terms and conditions which are available upon request. Remote Automation Solutions does not assume responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use and maintenance of any Remote Automation Solutions product remains solely with the purchaser and end-user.