



Symphony Plus General Purpose Interface Version 4.0 Release Notes

Symphony Plus

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1.	INTRODUCTION	6
1.1	Functionality Changes	6
1.2	Discontinued Software Version.....	6
1.3	Compatibility	6
1.4	Fixed Problems	6
2.	INSTALLATION	6
3.	RELATED DOCUMENTS	7
4.	ORDERING	7
5.	SUPPORT	7

1. INTRODUCTION

This document describes the release of the Symphony General Purpose Interface software version 4.0. Read this instruction in its entirety before installing the software.

1.1 Functionality Changes

Symphony General Purpose Interface Version 4.0 adds the following functionality.

- Support BRC-410 (rev M_0 or later).
- Supports Harmony PCU Gateway (HPG-800) (rev L9 or later).
- Write Enable Refresh for both Allen Bradley and Modbus RTU.
- Improved User Interface.
- Ability to run GPI v2.6, 3.0 and 4.0 on the same computer.

1.2 Discontinued Software Version

General Purpose Interface version 2.6 is no longer available for sale. Customers currently running version 2.6 can maintain this version or should request an upgrade via the GPI Software Warranty Program.

1.3 Compatibility

GPI 4.0 is supported in the following operating systems; Windows Server 2003, Windows XP, Windows Server 2008, and Windows 7.

Depending on which OS is currently installed the accompanying Composer version is different. When running Windows Server 2003 or Windows XP, Composer 5.0 SP3 with GPI 4.0 is used. When running Windows Server 2008 or Windows 7, the system must use Composer 5.1 with GPI 4.0. The module type and rev level must also be taken into account.

Note: That the BRC-410 and the HPG-800 modules only support one interface type running, the GPI v4.0 and the HGS v5.1 cannot run in the same module.

1.4 Fixed Problems

The following issues are corrected with the release of General Purpose Interface version 4.0.

Table 1. Fixed Problems

Issues	Correction of Problem
When using the RTUSlave protocol if the serial output buffer contains data at the time when the serial port is closed the module may red light. The data will not be sent is if the serial port CTS line is pulled zero by the other device if it is not ready to receive.	Two corrections have been applied to the RTUSlave application; The serial ports are opened on module start-up (or redundant fail over) and are never closed by the RTUSlave application. Secondly a Modbus reply is discarded if the serial output buffer is not empty.

2. INSTALLATION

To install the user interface software, place the CD provided into the CD-ROM drive. To avoid conflicts, shutdown all currently running applications. Depending on the operating system installed, the following steps and figure may differ slightly.

1. Select *Start > Run*
2. Click the *Browse* button and select **Setup.exe** on the CD-ROM drive then click the *Open* button.
3. When prompted, click *Next* to proceed.
4. Read and complete the install dialogue commands.

5. Once the software installation is complete, the wizard screen prompts with a *Finish* button.

3. RELATED DOCUMENTS

ABB documentation can be found in the ABB Library ([http://inside.abb.com/library/Product & Services /Control Systems](http://inside.abb.com/library/Product%20&%20Services/Control%20Systems)) or Solutions Bank (<http://solutionsbank.abb.com>)

Table 3. General Purpose Interface Related Documents

Number	Title
3BUA000271R000?	Introduction and Installation – Composer 5.0x
2VAA000811R000?	Introduction and Installation – Composer 5.1
3BCA010145R1701	S+ General Purpose Interface version 4.0

4. ORDERING

The General Purpose Interface (GPI) application is ordered from the ABB Canada Software Products and Solutions Group (SPS) (Contact Wayne.J.Krysko@ca.abb.com or Laurie.L.Tingle@ca.abb.com) . Pricing (3BCA040093R0003) is available from the ABB Library or SPS.

For version 4.0 a Product Box is available complete with manual and media, part number 3BCA017033C0001. Or the media can be purchased separately which includes the documentation on the media, part number 3BCA017033C0002. Please review the latest price list for more information.

The GPI software is also available for download from the SPS FTP site when requested on the Purchase Order.

5. SUPPORT

Contact ABB technical support for assistance in problem reporting.

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