

— Product file — SECS Pack 1.1 —



SECS Pack 1.1 is a software tool package designed for easy SECS/GEM driver interface development.

SECS Pack 1.1 allows a software integrator to exchange messages with equipment that complies with the Semiconductor Equipment Communication Standard (SECS).

SECS Pack 1.1 is provided with a set of libraries which allow the user to easily send, receive, log and create messages. It also includes two tools for test, debug, and communication monitoring. Messages comply with the SECS-II standard and are communicated across either SECS-I or HSMS links.

SERVICES AND SUPPORT

SECS Pack 1.1 services include:

- Regular updates downloadable from Si Automation Web site
- Technical support by Email
- Free demo version downloadable from Si Automation Web site

Requirements & Compliance

SECS Pack 1.1 software complies with the following

SEMI's standards :

- E4 – 0699 (SECS-I)
- E5 – 1000 (SECS-II)
- E30 – 1000 (GEM)
- E37 – 0298 (HSMS)
- E37.1 – 96 (HSMS-SS)

Operating systems :

- Compliant with Windows 95/98 (any version)
- Compliant with Windows 2000
- Tested for Windows NT up to 4.0

Minimal Hardware Requirements:

- PC Pentium 133 Mhz or above
- 64 MB RAM recommended

SECS Pack 1.1 is available in CD-Rom. End-User License Agreement (EULA) provided (one license per computer)

CONTENTS

SECS Pack 1.1 full software package consists of:

4 basic components and their library files:

- DLL driver with swsecsgem.dll Dynamic Library file
- swSecsGemX.ocx ActiveX component
- swSecsGemDelphi.bpl Borland Component for Delphi
- swSecsGemBCB.bpl Borland Component for C++ Builder

Development tools interfaces for:

- Visual Basic from MICROSOFT™
- Visual C++ from MICROSOFT™
- Labview from NATIONAL INSTRUMENTS™
- Delphi™ 4 & 5 from BORLAND™
- C++ Builder™ 3 & 4 from BORLAND™
- C or C/C++ from any editor

2 SECS Tools, utilities:

- **AreYouThere**, for test and debug
- **SECSLog**, for communication monitoring

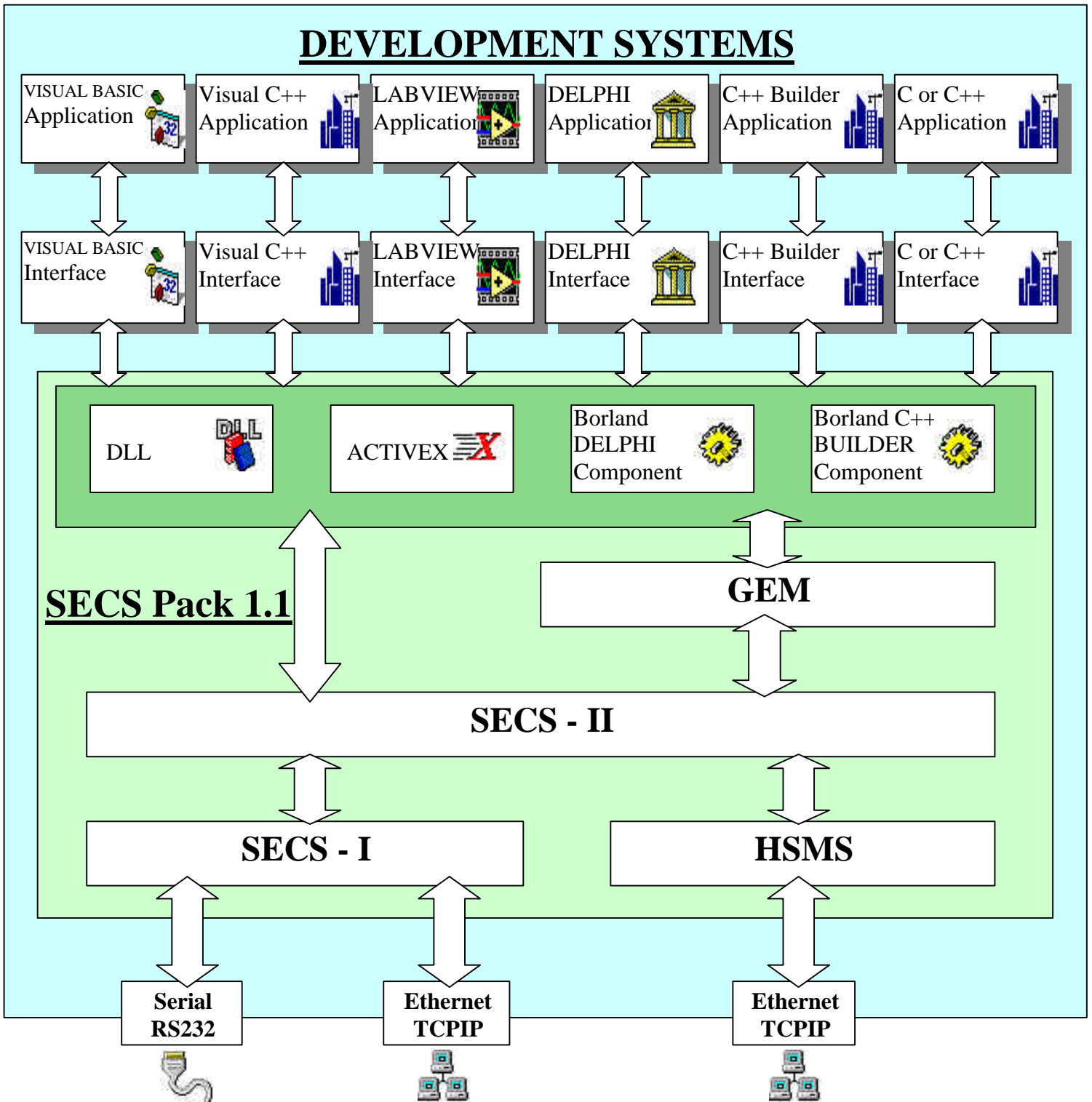
Application samples with source code:

- SMIF Arm Simulator with Labview™
- SMIF Arm Control GUI with Visual Basic™
- SECS Message Logger with Visual Basic™
- SECS Transaction Tester with Delphi™
- SECS Message Logger with C++ Builder
- SMIF Arm Control GUI with C++ Builder

Documentation:

- Full documentation in a ring binder
- On line help file in HTML format
- Printable PDF format in CD-Rom

Software builder for SECS/GEM/HSMS driver



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