

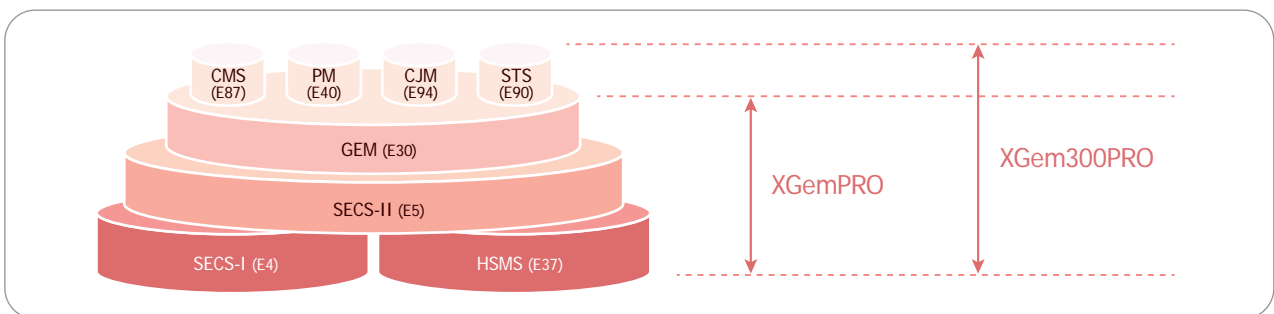
XGEM GEM Driver

Use XGem to make
GEM communication easier.

We have developed XGem GEM driver that meets GEM * standard, which is the operating standard of semiconductor and FPD production equipment so that manufacturing facility manufacturers can efficiently develop automation system.

※ GEM: Generic Equipment Model

■ XGemPRO / XGem300PRO Support Standard

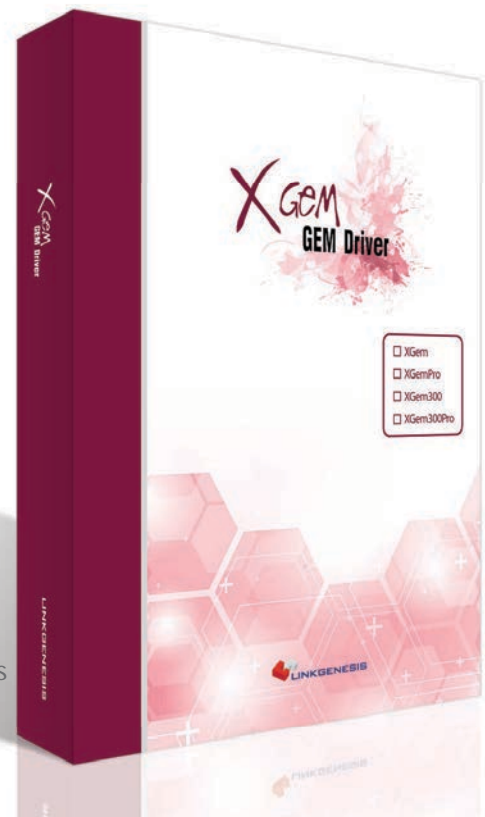


■ XGemPRO Key Features

- Support for SEMI E30 (GEM)
- Proven SECS communication (using XCom SECS driver)
- ActiveX based OCX type
- Support various development tools (Visual C ++, Visual Basic, C #, Delphi etc.)
- Automatic configuration and processing of GEM SECS messages
- Automatic generation of default data for use in GEM scenarios
- Available after user-defined message registration

■ XGem300PRO Key Features

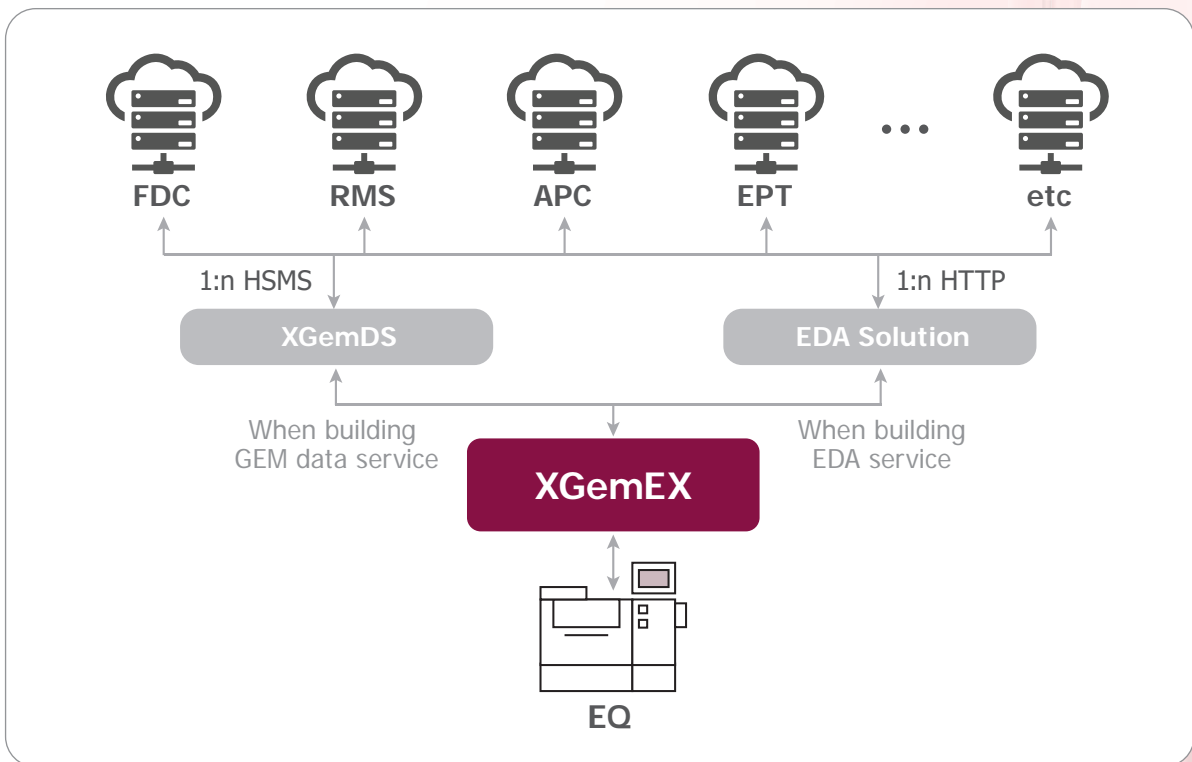
- Based on XGemPRO
- Support for E40 (PM), E87 (CMS), E90 (STS), E94 (CJM)
- Automatic configuration and processing of GEM, 300mm SECS messages
- Automatic creation of basic data for GEM, 300mm scenario



■ XGemEX Key Features

- Automatic EDA service support based on XGem300
- Automatic XGemDS support based on XGem300
- Automatic configuration and processing of 300 mm SECS messages
- Automatic generation of basic data for use in 300mm scenarios

■ XGemEX Configuration Diagram



■ Product Lineup Comparison

Function	XGemPRO	XGem300PRO	XGemEX
GEM scenario support (SEMI E30)	O	O	O
300mm scenario support (SEMI E40, E87, E90, E94)	X	O	O
64-bit API support	O	O	O
EDA I/F support	X	X	O
DS I/F support	X	X	O