

# INTEGRATED

Spring 2012

## Integration Product Summary by Industry

HVAC Automation	Siemens PX, TREND IQ3, TREND IQ93, Siemens AS1000, Siemens NCRS
HVAC Automation	Siemens RVD, Siemens RVL, Siemens Synco 700
HVAC Room Controllers	Siemens Pronto, APOGEE TEC, Siemens SMART II
HVAC Peripheral Devices	Variable Speed Drives, Belimo Actuators, Outback UPS
Remote Management	Siemens PX, Siemens AS1000, Trend IQ93, Siemens RVD, Siemens RVL, Siemens Synco
Hotel	Fidelio, Protel, Brilliant, Hilton OnQ, Galaxy
Lighting	Zumtobel Luxmate
Energy Monitoring	Mbus Metering, Modbus Devices - Heat Meters, Water Meters, Electricity Meters
Multi-media	Crestron, AMX, GIRA
Security	Siemens SISTORE CCTV, Jango Monitor
User Tools	BACnet Browser, Mbus Browser, AS1000 Migration, EDE Generation
Open Connectivity Interface	BACnet, Mbus, Modbus
Power Management	Outback, RCC xtender
System Monitoring	Siemens INSIGHT Monitor
User Operational Packages	Customer Call Centre, Batch Scheduler
Notification Interface	SMS, email, Web Ajax, SNMP
Protocols	BACnet, OPC, MBUS, MODBUS, LON, EIB, USS, FIAS, Many proprietary

## Integration Service Summary

Protocol Training program	BACnet, OPC, MBUS, MODBUS
Market Requirement Analysis	Collating and assimilation of market and customer based directions and requirements
Product Specification	Development of product specifications based on defined proven business and use models
Solution Roll-out	Complete package management to Launch to the market.
eLearning Package	Development of elearning based training packages

## Integration Solutions

Hotel Booking OPC	OPC Server for Hotel Booking Systems from Fidelio, Protel, Hilton and Brilliant via RS232 or TCP/IP
Hotel Booking BACnet	BACnet Service for the Hotel Booking Systems from Fidelio, Protel, Hilton and Brilliant via RS232 or TCP/IP
Hotel Booking OPC Client	Push Hotel Booking Systems Information to OPC Servers
Hotel Booking UDP Client	Simple interface to allow System to send and receive information regarding the Hotel.
Hotel Booking GIRA	Send Hotel Booking Status to GIRA Home Server
Hotel Booking AMX	Send Hotel Booking Status to AMX Media System
Zumtobel BACnet	BACnet Client and Server functionality for the Litenet product range
Zumtobel OPC	OPC Server functionality for the Litenet product range
AS1000 BACnet	DESIGO PX-OPEN development for the connection to AS1000 Controller Bus - available via Siemens directly
AS1000 NetRS Client	Retrieve information from the Siemens NetRS using remote web services access. Retrieve all values from the AS1000 . devices connected. Generate events for AS1000 Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits. Schedule Automated interrogations
PRONTO OPC	Siemens / Staefa Control System Room Automation Controllers PRONTO to OPC
PRONTO BACnet	Siemens / Staefa Control System Room Automation Controllers PRONTO to BACnet
NCRS Dial Out	Siemens / Staefa Control System NCRS - Route Alarms and Events to Email, SMS and Remote printers
TREND BACnet	BACnet Solution for the connection of TREND IQ Controller networks - available via Siemens directly
TREND IQ3 Web Client	Retrieve information from the Trend IQ3 using remote web services access. Retrieve all values from the devices connected. Generate events for Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits.
PX-Web Client	Retrieve information from the Siemens PX-WEB using remote web services access. Retrieve all values from the PX devices connected. Generate events for PX Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits.
SyigmaGyr BACnet	Read and Write to the Siemens SyigmaGyr RVD Controllers. Supports MBus Devices
LPB BACnet	Read and Write to the Siemens SyigmaGyr RVL Controllers. Supports LPB Devices
KNX BACnet	Read and Write to the Siemens Synco 700 Controllers remote connection - coming soon -
USS BACnet	BACnet Server interface to networks of Devices that support the USS protocol such as Variable Speed Drives
P1 BACnet	DESIGO PX-OPEN development for the connection to P1 Apogee Bus - available via Siemens directly
CRESTRON AMX OPC	OPC Client solution for Crestron CP and Touch Panels - available via Smarthome directly
MBus BACnet	Complete MBus BACnet solution.
MBus OPC	Metering Solution for the connection of heat and energy meters, based on the OPC Server
MBus SQL	Metering Solution for the connection of heat and energy meters, values written to SQL Database
Energy Collator AOC	MBUS,MODBUS and BACnet Solution for the connection of Energy Data to SQL and Test Locations
UDP BACnet	Allows UDP Clients to interrogate, monitor and command BACnet Devices
Touch screen BACnet	Touch screen solution to interrogate, monitor and command BACnet devices
CCTV OPC	OPC Server for the control of Siemens SISTORE CCTV - available from Siemens directly
MODBUS/IP BACnet	Monitor and Control MODBUS/IP via BACnet
BELIMO BACnet	Connect BELIMO MP-Bus devices to BACnet
SBM-TX	Connection of SBM Studer Innotec Battery Monitor to DESIGO TX, incl RCC-TX
Outback-TX	Connection of Outback Equipment to DESIGO TX
Call Centre	Service based Customer call centre suite.
INSIGHT Monitor	Monitor the Status and operation of DESIGO INSIGHT
Notification Interface	notify users and monitor feedback via SMS, email and SNMP
BACnet Commander from Mobile Phones	Change setpoints and switch equipment on and off via SMS
BACnet Batch Scheduler	access dbs interface to allow Batch modification of BACnet Schedules
Batch Scheduler for web	Web interface to allow Batch modification of Schedules via a web sever.
Service App	Allow windows applications to be started and stopped by a windows service

## Integration Solutions by Industry

### HVAC Automation Controller

AS1000 BACnet	DESIGO PX-OPEN development for the connection to AS1000 Controller Bus - available via Siemens directly
TREND BACnet	BACnet development for the connection of TREND IQ Controller networks - available via Siemens directly
AS1000 NetRS Web Client	Retrieve information from the Siemens NetRS using remote web services access. Retrieve all values from the AS1000 . devices connected. Generate events for AS1000 Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits. Schedule Automated interrogations
Trend IQ3 Web Client	Retrieve information from the Trend IQ3 using remote web services access. Retrieve all values from the devices connected. Generate events for Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits.
PX-Web Client	Retrieve information from the Siemens PX-WEB using remote web services access. Retrieve all values from the PX devices connected. Generate events for PX Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits.
SyigmaGyr BACnet	Read and Write to the Siemens SyigmaGyr RVD Controllers. Supports MBus Devices
LPB BACnet	Read and Write to the Siemens SyigmaGyr RVL Controllers. Supports LPB Devices
KNX BACnet	Read and Write to the Siemens Synco 700 remotely via Smartweb
NCRS Dial Out	Siemens / Staefa Control System NCRS - Route Alarms and Events to Email, SMS and Remote printers
MODBUS/IP BACnet	Monitor and Control MODBUS/IP via BACnet

### HVAC Automation Room Controller

PRONTO OPC	Siemens / Staefa Control System Room Automation Controllers PRONTO to OPC
PRONTO BACnet	Siemens / Staefa Control System Room Automation Controllers PRONTO to BACnet
P1 BACnet	DESIGO PX-OPEN development for the connection to P1 Apogee Bus - available via Siemens directly
MODBUS/IP BACnet	Monitor and Control MODBUS/IP via BACnet

### HVAC Peripheral Devices

USS BACnet	BACnet Server interface to networks of Devices that support the USS protocol such as Variable Speed Drives
MODBUS/IP BACnet	Monitor and Control MODBUS/IP via BACnet
BELIMO BACnet	Connect BELIMO MP-Bus devices to BACnet
BELIMO OPC	Connect BELIMO MP-Bus devices to OPC

### Remote Management

SyigmaGyr BACnet	Remote Connect - Read and Write to the Siemens SyigmaGyr RVD Controllers. Supports MBus Devices
LPB BACnet	Remote Connect - Read and Write to the Siemens SyigmaGyr RVL Controllers. Supports LPB Devices
AS1000 NetRS Web Client	Retrieve information from the Siemens NetRS using remote web services access. Retrieve all values from the AS1000 . devices connected. Generate events for AS1000 Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits. Schedule Automated interrogations
Trend IQ3 Web Client	Retrieve information from the Trend IQ3 using remote web services access. Retrieve all values from the devices connected. Generate events for Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits.
KNX BACnet	Read and Write to the Siemens Synco 700 remotely via Smartweb
BACnet Commander for Mobile Phones	Change setpoints and switch On and Off Equipment via SMS
PX-Web Client	Retrieve information from the Siemens PX-WEB using remote web services access. Retrieve all values from the PX devices connected. Generate events for PX Outputs that have been overridden, or set point that have been modified. Generate events for sensors that are faulty or outside of defined limits.

### Hotel

Hotel Booking OPC	OPC Server for Hotel Booking Systems from Fidelio, Protel, Hilton and Brilliant via RS232 or TCP/IP
Hotel Booking BACnet	BACnet Server for the Hotel Booking Systems from Fidelio, Protel, Hilton and Brilliant via RS232 or TCP/IP
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Hotel Booking OPC Client	Push Hotel Booking Systems Information to OPC Servers
Hotel Booking UDP Client	Simple interface to allow systems to send and receive information with the Hotel.
Hotel Booking GIRA	Send Hotel Booking Status to GIRA Home Server
Hotel Booking AMX	Send Hotel Booking Status to AMX Media system

### Lighting

Zumtobel BACnet	BACnet Client and Server functionality for the Litenet product range
Zumtobel OPC	OPC Server functionality for the Litenet product range

### Energy Monitoring

MBus BACnet	Complete MBus BACnet solution.
MBus OPC	Metering Solution for the connection of heat and energy meters, based on the OPC Server
MBus SQL	Metering Solution for the connection of heat and energy meters, values written to SQL Database
Energy Central	MBUS,MODBUS and BACnet Solution for the connection of Energy Data to SQL and Text Locations

### Multimedia

CRESTRON AMX OPC	OPC Client solution for Crestron CP and Touch Panels - available via Smarthome directly
GIRA	Interface to GIRA Server
Jango Media	Multimedia client and server software for the storage and distribution of music within a building. The software includes a user interface for controlling the various music zones

**Security**

CCTV OPC	OPC Server for the control of Siemens SISTORE CCTV - available from Siemens directly
Jango Monitor	Remote monitoring and notification of Audio and Video sources. High audio levels or video movement prompt . notifications such as email or sms or pop-up on remote PDA. Typically used as a security and safety monitor

**User Tools**

IMU	User driven database utility. Importing and exporting of project databases from Siemens AS1000
EDE Utility	User driven utility to import BACnet EDE files, select, modify and convert to various formats for use with relevant applications and solutions.
BACnet Explorer Tool	Investigate, monitor and control BACnet Networks and devices with this explorer based BACnet Client
Mbus Monitor Tool	Mbus communications tool for investigating Mbus devices

**Connectivity Interfaces**

BACnet UDP	Simple Interface to allow customers to read and write onto BACnet
BACnet Touch	Advanced interface for interacting with the BACnet Networks and devices
Mbus SQL	Metering Solution for the connection of heat and energy meters, values written to SQL Database
Energy Central	MBUS, Modbus, BACnet Solution for the connection of Energy data to SQL and Text Locations

**Power Management**

SBM-TX	Connection of SBM Studer Innotec Battery Monitor to DESIGO TX
Outback-TX	Connection of Outback Equipment to DESIGO TX
RCC-TX	Connection of Studer RCC Xtender to DESIGO TX

**System monitoring**

INSIGHT Monitor	Monitor the Status and operation of Siemens DESIGO INSIGHT
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**User Operational Packages**

Call Centre	Service based Customer Call Centre suite
BACnet Batch Scheduler	access dbs interface to allow Batch modification of BACnet Schedules
Batch Scheduler for Siemens	Web interface to allow Batch modification of Schedules in Siemens DESIGO INSIGHT

**Notification Interface**

Notification Monitor	Service based monitoring, distributing notification via SMS, eMail and SNMP
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