

Part Number Summary and Hardware & Software Matrix

EcoStruxure™ Building Operation 2022

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General information

EcoStruxure™ Building Operation software provides integrated monitoring, control, and management of HVAC, lighting and other critical building systems. This document includes the part numbers and a brief description of EcoStruxure Building Operation 2022 software and hardware components that enable the software.

Notes when ordering:

- All part numbers follow a 14 character format.
- Terminal bases for the Automation Server, SpaceLogic* Server – AS-P, SpaceLogic Server without LON - AS-P-NL, Automation Server I/O Modules, and Automation Server Power Supply must be ordered separately; they are not included. These parts are highlighted in gray below.
 - Ordering terminal bases early in the project (before the electronics modules) can facilitate site wiring without requiring the full controller present. The same goes for the AS-B Installer kit, which is an AS-B with no electronics, just mechanics and connectors for the terminal blocks.
- To use the EcoStruxure Building Operation software, country two parts are needed: the software and a license.
 - The software is downloadable from [The Exchange](#) > [EcoStruxure Building Operation](#) > [Software and Firmware](#) > [Software](#) section.
 - Use the filters along the top to narrow your results.
 - A license is ordered in the same way as hardware (using the part numbers below) and is delivered via email.
 - Embedded licenses and Windows Licenses can NOT be contained in the same Entitlement ID. Consequently, they must be ordered separately. Embedded licenses all have a “- SpaceLogic” in the description.
- Enterprise Central, Enterprise Server, Reports Server, and TimeScale DB are software and license components only; server machines not included.
 - Reports Server does not have its own part number; the Reports Server license is included with the purchase of the Enterprise Server.
- WebStation is considered a client as is WorkStation Standard. The two of them share a part number. Three client licenses (WorkStation Standard or WebStation) are included in the purchase of Enterprise Server and Enterprise Central.
- Web Services and EcoStruxure™ Web Services are add-on options for the Automation Server, the Enterprise Server and the Enterprise Central.
 - Add-on option is ordered as a separate part number.
 - The same part number is used to add this feature to the Enterprise Servers, and Enterprise Central, but a different part number is used to add it to a SpaceLogic Server.
 - Add-on option part numbers must specify quantity required (if more than one server is to be enabled).
 - Windows Licenses are managed through the License Administrator.
 - Embedded Licenses are managed through the Device Administrator
- Refer to the product specification sheets and technical documentation for supported software and hardware (machine) requirements for compatibility and for system scalability guidelines.

Notes regarding “EBO Min” the following tables:

- The minimum version of EcoStruxure Building Operation provided on the following pages in the “EBO Min” column is the minimum version in which the function can operate.
- This version does not indicate the version shipping with the product
- This version may no longer be supported per the current **Software Support Policy**.
- Please assure that a version at or above the version listed in the “EBO Min” column is installed that is still supported per the Software Support Policy. For features that are only supported for specific versions, only the indicated version(s) may be installed.

*Formerly known as SmartX

Part number lists

SpaceLogic Server - Automation Server devices

An Automation Server device is an embedded server, i.e. not PC. The newer models, AS-P, AS-P-NL, AS-P-S, AS-P-NLS and AS-B, come without EcoStruxure Building Operation (EBO) software loaded, while the original Automation Server comes from the factory with EBO loaded. In every case, before using an Automation Server device, make sure you check the EBO version and load the required version as needed.

Part number	Product name	Description	EBO Min
SXWAUTSVR10001	AS ¹	Automation Server	1.0
SXWTBASW110001	TB-AS-W1	Terminal Base Automation Server (Terminal base required for each Automation Server)	n/a
SXWASPXXX10001	AS-P	SpaceLogic Server AS-P	1.7.1
SXWASPXXX1S001	AS-P-SMK	SpaceLogic Server – AS-P for Smoke Control	1.8.1 ³
SXWASPXXX10002	AS-P-NL	SpaceLogic Server without LON AS-P-NL	3.2.1
SXWASPSBX10001	AS-P-S	SpaceLogic Server AS-P with Secure Boot and LON	2022
SXWASPSBX10002	AS-P-NLS	SpaceLogic Server AS-P-NL with Secure Boot	2022
SXWTBASW110002	TB-ASP-W1	Terminal Base AS-P (Terminal base required for each AS-P and AS-P-NL)	n/a
SXWASB24X10001	AS-B-24	SpaceLogic Controller AS-B-24	1.8.1
SXWASB24H10001	AS-B-24H	SpaceLogic Controller AS-B-24H	1.8.1
SXWASB36X10001	AS-B-36	SpaceLogic Controller AS-B-36	1.8.1
SXWASB36H10001	AS-B-36H	SpaceLogic Controller AS-B-36H	1.8.1
SXWASB24PX10001	AS-B-24-P ⁴	SpaceLogic Controller AS-B 24 Scalable	2022
SXWASB24HP10001	AS-B-24H-P ⁴	SpaceLogic Controller AS-B 24H Scalable	2022
SXWASB36PX10001	AS-B-36-P ⁴	SpaceLogic Controller AS-B 36 Scalable	2022
SXWASB36HP10001	AS-B-36H-P ⁴	SpaceLogic Controller AS-B 36H Scalable	2022
SXWASBCON10001	ASB-CONNECTOR	AS-B Connector kit	n/a
SXWASBINS10001	AS-B-INSTKIT	Installer kit AS-B	n/a

Notes:

¹ The AS, P/N: SXWAUTSVR10001, has reached End of Commercialization and will be available only as spare part during 2018

² Smoke control only supported on specific EBO versions and hardware (AS = EBO v1.7.1 and v1.8.1 only)

³ Smoke control only supported on specific EBO versions and hardware (AS-P = EBO v1.8.1 only)

⁴ Hardware only. An AS-B software package needs to be purchased separately.

SpaceLogic Controller - Automation Server I/O modules

These hardware modules come in 17 different configurations to enable each site to be customized. An Automation Server can control up to 464 I/O points depending on the configuration. Multiple Automation Server Power Supply modules may be required. Refer to the data sheets for specific requirements.

Part number	Product name	Description	EBO Min
SXWAO8XXX10001	AO-8	AO-8 Module, 8 Analog Outputs (0-10VDC or 0-20mA)	1.0
SXWAO8HXX10001	AO-8-H	AO-8-H Module, 8 Analog Outputs (0-10VDC or 0-20mA) with Hand/Off/Auto override switches	1.0
SXWUI8A4X10001	UI-8/AO-4	UI-8/AO-4 Module, 8 Universal Inputs & 4 Analog Outputs (0-10VDC or 0-20mA)	1.0
SXWUI8A4H10001	UI-8/AO-4-H	UI-8/AO-4-H Module, 8 Universal Inputs & 4 Analog Outputs (0-10VDC or 0-20mA) with Hand/Off/Auto override switches	1.0
SXWAOV8XX10001	AO-V-8	AO-V-8 Module, 8 Analog Outputs (0-10 V)	1.0
SXWAOV8HX10001	AO-V-8-H	AO-V-8-H Module, 8 Analog Outputs (0-10 V) with Hand/Off/Auto override switches	1.0
SXWUI8V4X10001	UI-8/AO-V-4	UI-8/AO-V-4 Module, 8 Universal Inputs & 4 Analog Outputs (0-10VDC)	1.0
SXWUI8V4H10001	UI-8/AO-V-4-H	UI-8/AO-V-4-H Module, 8 Universal Inputs & 4 Analog Outputs (0-10VDC) with Hand/Off/Auto override switches	1.0
SXWDI16XX10001	DI-16	DI-16 Module, 16 Digital Inputs	1.0
SXWDOC8XX10001	DO-FC-8	DO-FC-8 Module, 8 Digital Outputs (Form C)	1.0
SXWDOC8HX10001	DO-FC-8-H	DO-FC-8-H Module, 8 Digital Outputs (Form C) with Hand/Off/Auto override switches	1.0
SXWDOA12X10001	DO-FA-12	DO-FA-12 Module, 12 Digital Outputs (Form A)	1.0
SXWDOA12H10001	DO-FA-12-H	DO-FA-12-H Module, 12 Digital Outputs (Form A) with Hand/Off/Auto override switches	1.0
SXWRTD16X10001	RTD-DI-16	RTD-DI-16 Module, 16 Inputs (RTD and Digital) combination module	1.0
SXWUI8D4X10001	UI-8/DO-FC-4	UI-8/DO-FC-4 Module, 8 Universal Inputs & 4 Digital Outputs (Form C)	1.0
SXWUI8D4H10001	UI-8/DO-FC-4-H	UI-8/DO-FC-4-H Module, 8 Universal Inputs & 4 Digital Outputs (Form C) with Hand/Off/Auto override switches	1.0
SXWUI16XX10001	UI-16	UI-16 Module, 16 Universal Inputs	1.0
SXWTBIOW110001	TB-IO-W1	Terminal Base I/O (Terminal Base required for each I/O module)	n/a

SpaceLogic Controller - Automation Server Power Supply

An Automation Server Power Supply is required to power each Automation Server. Depending on I/O module configurations, multiple Automation Server Power Supply modules may be required.

Part number	Product name	Description	EBO Min
SXWPS24VX10001	PS-24V	Power Supply 24 VAC or 21-30 VDC [Nominal]	1.0
SXWTBPSW110001	TB-PS-W1	Terminal Base Power Supply (Terminal Base required for each power supply)	n/a

SpaceLogic Controller - Accessories

Part number	Product name	Description	EBO Min
SXWDINEND10001	DIN-RAIL-CLIP-25	DIN-Rail End Clip, package of 25 pieces	n/a
SXWTERLBL10011	PRINTOUT-A4-W1	A4-Size blank printable adhesive label sheets for terminals (100 Sheets, 18 labels per Sheet)	n/a
SXWTERLBL10012	PRINTOUT-LTR-W1	Letter-size blank printable adhesive label sheets for terminals (100 Sheets, 16 labels per Sheet)	n/a

SXWSCABLE10002	S-CABLE-L-1.5M	S-Cable extension cord for Automation Server I/O bus, L shaped connectors, 1.5 m	n/a
SXWSCABLE10003	S-CABLE-L-0.75M	S-Cable extension cord for Automation Server I/O bus, L-shaped connectors, 0.75 m	n/a
SXWUSBADP10001	USB-485-INET	USB-485-INET INTERFACE ADAPTER	1.7.1
SXWASPXEN10001	Xenta to AS-P Adapter	Adapter that allows SpaceLogic Controller - AS-P to be installed in a Xenta terminal base with wiring maintained. Includes power supply for the AS-P	n/a

SpaceLogic IP Controller RP-C Series

The RP-C Series controllers consist of RP-C (12, 16 points) and are freely programmable IP based room controllers communicating BACnet (over IP).

Part number	Product name	Description	EBO Min
SXWRFC12A10001	RP-C-12A-F-24V	RP-C, 12 points, 8UIOb, 4 SSR	3.0
SXWRFC12B10001	RP-C-12B-F-24V	RP-C, 12 points, 8UIOb, 3 Low power relays (4A). 1 High Power relay form C (Normally open 12A, Normally Closed 3A).	3.0
SXWRFC12C10001	RP-C-12C-F-24V	RP-C, 12 points, 4UIOb, 4 SSR, 3 Low power relays (4A). 1 High Power relay form C (Normally open 12A, Normally Closed 3A).	3.0
SXWRFC16A10002	RP-C-16A-F-230V	RP-C, 16 points, 8UIOb, 4 SSR, 3 Low power relays (4A). 1 High Power relay form C (Normally open 12A, Normally Closed 3A).	3.0

SpaceLogic IP Controller accessories – RP-C Series

Part number	Product name	Description	EBO Min
SXWRPCCOV10001	RP-C External Terminal Covers	Optional terminal covers to reduce access to the terminals and wires.	n/a

SpaceLogic IP Controller IP-IO Series

The IP-IO Series models are capable of sharing their local I/O resources across one or multiple SpaceLogic IP Controllers or EcoStruxure Building Servers over BACnet/IP. All models are shipped with connectors pre-populated.

Part number	Product name	Description	EBO Min
SXWIPIOAA10001	IP-IO-DI10	SpaceLogic IP-IO series, IP-IO-DI10: 10 Digital Inputs	2.0.3
SXWIPIOAA1S001	IP-IO-DI10-SMK	SpaceLogic IP-IO series, IP-IO-DI10: 10 Digital Inputs, UL Smoke Control	2.0.4
SXWIPIOBA10001	IP-IO-UIO10	SpaceLogic IP-IO series, IP-IO-UIO10: 10 Universal Input Output (type b)	2.0.3
SXWIPIOBA1S001	IP-IO-UIO10-SMK	SpaceLogic IP-IO series, IP-IO-UIO10: 10 Universal Input Output (type b), UL Smoke Control	2.0.4
SXWIPIOCA10001	IP-IO-UIO5DOFA4	5 Universal I/O (type b), 3 2A Form A Relays, 1 12A (HP) Form A Relay	2.0.3
SXWIPIOCA1S001	IP-IO-UIO5DOFA4-SMK	5 Universal I/O (type b), 3 2A Form A Relays, 1 12A (HP) Form A Relay, UL Smoke Control	2.0.4

SpaceLogic IP Controller RP-C Expansion modules

Part number	Product name	Description	EBO Min
SXWREDAMPD10001	RP-C-EXT-DALI-M-PD	DALI extension with power distribution- 1 channel	3.1
SXWRE0104PD10001	RP-C-EXT-0-10V-4-PD	0-10V extension with power distribution- 4 channel	3.1

SXWREB2LVDP10001	RP-C-EXT-BL-2-LV-PD	Blind Modules- low voltage module 24V- 2 channel	3.1
SXWREB4HVDP10001	RP-C-EXT-BL-4-HV-PD	Blind Module- high voltage module- 230V- 4 channel	3.1
SXWREMSBLE10001	RP-C-EXT-MS-BLE	Multi-sensor with motion detection and light level sensing	3.1
SXWREKNX10001	RP-C-EXT-KNX	KNX extension module	3.2
SXWRESMI4HVDP10001	RP-C-EXT-BL-SMI-4-HV-PD	High voltage SMI blind module – 4 channel	3.2
SXWRESMI2LVDP10001	RP-C-EXT-BL-SMI-2-LV-PD	Low voltage SMI blind module – 2 channel	3.2
SXWREREL410001	RP-C-EXT-REL-4	Relay extension module- 4 channel	3.2
SXWRE010410001	RP-C-EXT-0-10V-4	0-10V extension without power distribution- 4 channel	3.2
SXWHHREL10001	CRS-HH-REL-10	10 Channel Relay Module, 10xDO + 12xDI	3.2
SXWRE010DIM10001	RP-C-EXT-0-10V-UNIDIM-1	0.10V to phase cut dimmer module	3.2
SXWREDALI110001	RP-C-EXT-DALI-1	DALI extension without power distribution- 1 channel	3.2
SXWRERCBLE10001	RP-C-RC-BLE	Remote control for light/blind/ HVAC via RP-C	3.2

SpaceLogic Zigbee Adapter

The SpaceLogic Zigbee Adapter is a USB-based wireless adapter that enables Zigbee™ wireless connectivity for the SpaceLogic RP Series room controllers as well as SpaceLogic AS-P series and AS-B servers.

Part number	Product name	Description	EBO Min
SXWZBAUSB10001	ZB-A-USB ¹	SpaceLogic Zigbee Adapter	3.2
SXWUSBCRA10001	USB-CRA	SpaceLogic USB Adapter Cradle	3.2
SXWUSBCBL10001	USB-CBL-1	SpaceLogic USB Adapter Cable (0.9 meter)	3.2
SXWUSBCBL10002	USB-CBL-3	SpaceLogic USB Adapter Cable (3 meter)	3.2

Wireless Zigbee Devices supported

Part number	Product	EBO Min
SED-CO2-G-5045	CO2 with Temperature and Humidity Sensor	3.2
SED-TRH-G-5045	Temperature and Humidity Sensor	3.2
SED-WDC-G-5045	Window/Door Contact Sensor	3.3.1L
SED-MTH-G-5045	Motion with Temperature and Humidity Sensor	3.3.1L
SED-WLS-G-5045	Water Leak Sensor	3.3.1L
SE8350U0Bxx ^a	Low-Voltage Fan Coil Room & Zone Controller, RH sensor & control	3.3.1L
SE8350U5Bxx ^a	Low-Voltage Fan Coil Room & Zone Controller, RH sensor & control, PIR motion sensor	3.3.1L

SE8350U5BxxPa	Low-Voltage Fan Coil Room & Zone Controller, ZigBee Embedded, RH sensor, PIR motion sensor	3.3.1L
SE8650U0Bxxa	Roof Top Unit, Heat Pump & Indoor Air Quality Controller, RH sensor & control	3.3.1L
SE8650U5Bxxa	Roof Top Unit, Heat Pump & Indoor Air Quality Controller, RH sensor & control, PIR motion sensor	3.3.1L
SE8650U5BxxPa	Roof Top Unit, Heat Pump & Indoor Air Quality Controller, ZigBee Embedded, RH sensor & control, PIR motion sensor	3.3.1L
SER8350A0Bxxa	Line-Voltage Fan Coil Room Controller, RH sensor & control	3.3.1L
SER8350A5Bxxa	Line-Voltage Fan Coil Room Controller, RH sensor & control, PIR motion sensor	3.3.1L
SER8350A5BxxPa	Line-Voltage Fan Coil Room Controller, ZigBee Embedded, RH sensor & control, PIR motion sensor	3.3.1L
SEZ8250U0Bxxa	Variable Air Volume Controller, PD/PI, RH sensor & control	3.3.1L
SEZ8250U5Bxxa	Variable Air Volume Controller, PD/PI, RH sensor & control, PIR motion sensor	3.3.1L
SEZ8250U5BxxPa	Variable Air Volume Controller, PD/PI, Embedded ZigBee Pro, RH sensor & control, PIR motion sensor	3.3.1L
VT8350U5x00Bb	Low-Voltage Fan Coil Room Controller, White Case, White Fascia	3.3.1L
VT8350U5500BP	Low-Voltage Fan Coil Room Controller, Embedded ZigBee Pro, RH sensor & control, PIR motion sensor, White Case, White Fascia	3.3.1L
VT8650U5x00Bb	Roof Top Unit, Heat Pump & Indoor Air Quality Controller, White Case, White Fascia	3.3.1L
VT8650U5500BP	Roof Top Unit, Heat Pump & Indoor Air Quality Controller, Embedded ZigBee Pro, RH sensor & control, PIR Motion Sensor, White Case, White Fascia	3.3.1L
VTR8350A5x00Bb	Fan Coil Room Controller, White Case, White Fascia	3.3.1L
VTR8350A5500BP	Fan Coil Room Controller, Embedded ZigBee Pro, RH sensor & control, PIR Motion Sensor, White Case, White Fascia	3.3.1L
VZ8250U5x00Bb	Variable Air Volume Controller, PD/PI, White Case, White Fascia	3.3.1L
VZ8250U5500BP	Variable Air Volume Controller, PD/PI, Embedded ZigBee Pro, RH sensor & control, PIR motion sensor, White Case, White Fascia	3.3.1L
SXWREZB010110001	Zigbee to 0-10V Lighting Module 230V	2022
SXWREZBDALI110001	Zigbee to DALI Lighting Module 230V	2022
TH903-ZP-Wc	TH903 Thermostat, LCD/Buttons, Zigbee, Occupancy Sensor, Auxiliary Input, White	2022
TH903-ZPM-Wc	TH903 Thermostat, LCD/Buttons, Zigbee, Occupancy Sensor, Modbus, Auxiliary Input, White	2022
TH907-ZP-Wc	TH907 Thermostat, Touchscreen, Zigbee, Occupancy Sensor, Auxiliary Input, White	2022
TH907-ZPM-Wc	TH907 Thermostat, Touchscreen, Zigbee, Occupancy Sensor, Modbus, Auxiliary Input, White	2022
TH907-ZP-Bcd	TH907 Thermostat, Touchscreen, Zigbee, Occupancy Sensor, Auxiliary Input, Black	2022
TH907-ZPM-Bcd	TH907 Thermostat, Touchscreen, Zigbee, Occupancy Sensor, Modbus, Auxiliary Input, Black	2022

A9MEM1520	PowerTag Energy M63 1P+Wire	2022
A9MEM1521	PowerTag Energy M63 1P+N TOP	2022
A9MEM1522	PowerTag Energy M63 1P+N BOTTOM	2022
A9MEM1540	PowerTag Energy M63 3P	2022
A9MEM1541	PowerTag Energy M63 3P+N TOP	2022
A9MEM1542	PowerTag Energy M63 3P+N BOTTOM	2022
A9MEM1543	PowerTag Energy M63 3P 230V LL	2022
A9MEM1561	PowerTag Energy P63 1P+N TOP	2022
A9MEM1562	PowerTag Energy P63 1P+N BOTTOM RCBO 18mm	2022
A9MEM1563	PowerTag Energy P63 1P+N BOTTOM	2022
A9MEM1571	PowerTag Energy P63 3P+N TOP	2022
A9MEM1572	PowerTag Energy P63 3P+N BOTTOM	2022
A9MEM1560	PowerTag Energy F63 1P+N	2022
A9MEM1564	PowerTag Energy F63 1P+N 110V LL	2022
A9MEM1570	PowerTag Energy F63 3P+N	2022
A9MEM1573	PowerTag Energy F63 3P	2022
A9MEM1574	PowerTag Energy F63 3P+N 127V/220V	2022
A9MEM1580	PowerTag Energy F160 3P/3P+N	2022
LV434020	PowerTag Energy M250 3P	2022
LV434021	PowerTag Energy M250 3P+N	2022
LV434022	PowerTag Energy M630 3P	2022
LV434023	PowerTag Energy M630 3P+N	2022
A9MEM1590	PowerTag Energy R200 3P/3P+N	2022
A9MEM1591	PowerTag Energy R600 3P/3P+N	2022
A9MEM1592	PowerTag Energy R1000 3P/3P+N	2022
A9MEM1593	PowerTag Energy R2000 3P/3P+N	2022
EMS59443 ^e	Easergy CL110 Wireless Environmental Sensor	2022
EMS59440 ^f	Easergy TH110 Wireless Thermal Sensor	2022
CCT5011-0001_AS ^g	Wiser 1 Gang Micro Module Switch	2022

CCT5011-0002 ^g	Wiser Micro Module Light Switch	2022
CCT5010-0001_AS ^g	Wiser 1 Gang Micro Module Dimmer	2022
CCT5010-0002g	Wiser Micro Module Dimmer	2022
See the ASSA ABLOY web site	Electronic Locks - VingCard Allure	2022
See the ASSA ABLOY web site	Electronic Locks - VingCard Essence	2022
See the ASSA ABLOY web site	Electronic Locks - VingCard Signature	2022
See the ASSA ABLOY web site	Electronic Locks - VingCard Classic	2022
See the ASSA ABLOY web site	Electronic Locks - VingCard Flex	2022

- a) The two characters "xx" of the part number indicate the color of the case and fascia: 00 (Silver Case, Silver Fascia), 11 (White Case, White Fascia)
- b) The character "x" of the part number indicates the sensor type of the controller: 0 (RH sensor & control), 5 (RH sensor & control, PIR motion sensor)
- c) Supported only on the AS-P server
- d) This model is manufactured on a custom basis only
- e) Set of two pieces
- f) Set of three pieces
- g) Supported only on the AS-P and AS-B servers

SpaceLogic IP Controller – MP Series

The MP Series controllers consist of MP-C (15,18,24,36 points) and MP-V (7,9 points /w built-in actuator and airflow sensor). They are fully programmable IP based field controllers communicating BACnet (over IP). All MP controllers are shipped with connectors pre-populated.

Part number	Product name	Description	EBO Min
SXWMPC15A10001	MP-C-15A	MP-C, 15 Points, 8UIOb, 6 DO Triacs, 1 HP Relay	2.0.1
SXWMPC15A1S001	MP-C-15A-SMK	MP-C, 15 Points, 8UIOb, 6 DO Triacs, 1 HP Relay, UL Smoke Control	2.0.4
SXWMPC18A10001	MP-C-18A	MP-C, 18 Points, 10 UIOb, 4 DO Triacs, 3SPST Relay, 1 HP Relay	2.0.1
SXWMPC18A1S001	MP-C-18A-SMK	MP-C, 18 Points, 10 UIOb, 4 DO Triacs, 3SPST Relay, 1 HP Relay, UL Smoke Control	2.0.4
SXWMPC18B10001	MP-C-18B	MP-C, 18 Points, 10 UIOb, 8 DO Triacs	2.0.1
SXWMPC18B1S001	MP-C-18B-SMK	MP-C, 18 Points, 10 UIOb, 8 DO Triacs, UL Smoke Control	2.0.4
SXWMPC24A10001	MP-C-24A	MP-C, 24 Points, 4 UIOc, 4 Form A relay, 16 UIOb	2.0.1
SXWMPC24A1S001	MP-C-24A-SMK	MP-C, 24 Points, 4 UIOc, 4 Form A relay, 16 UIOb, UL Smoke Control	2.0.4
SXWMPC36A10001	MP-C-36A	MP-C, 36 Points, 8 UIOc, 8 Form A relay, 20 UIOb	2.0.1
SXWMPC36A1S001	MP-C-36A-SMK	MP-C, 36 Points, 8 UIOc, 8 Form A relay, 20 UIOb, UL Smoke Control	2.0.4
SXWMPV9AX10001	MP-V-9A	MP-V, 9 points, 4 UI, 3 DO Triac, 2 AO	2.0.1
SXWMPV9AX1S001	MP-V-9A-SMK	MP-V, 9 points, 4 UI, 3 DO Triac, 2 AO, UL Smoke Control	2.0.4
SXWMPV7AX10001	MP-V-7A	MP-V, 7 points, 3 UI, 3 DO Triac, 1 AO	2.0.1
SXWMPV7AX1S001	MP-V-7A-SMK	MP-V, 7 points, 3 UI, 3 DO Triac, 1 AO, UL Smoke Control	2.0.4

SpaceLogic IP Controller accessories – General

Part number	Product name	Description	EBO Min
SXWMPVCON10001	MP-V Connector Kit ¹	Spare screw terminals for all MP-V models	n/a
SXWMPCCON10001	MP-C Connector Kit ¹	Spare screw terminals for all MP-C models	n/a
SXWMPDSD10001	MPC-DISP ²	MP-C Override Display Module	V 2.0.1

¹All MP Series controllers are shipped with connectors pre-populated

²Both the IP-IO and the MP-C controller models (Not MP-V) support add-on display for Hand-Off-Auto (override) function. The add-on module is not hot-swappable and cannot be removed once installed.

SpaceLogic IP Controller Accessories – SpaceLogic Living Space Sensor

All MP and RP Series controllers support a dedicated communication port (Sensor Bus) for supporting up to four SpaceLogic Living Space Sensors in daisy chain configuration via standard Cat5/6 cable (22 to 26AWG). The maximum total length of the SpaceLogic sensor bus end to end is 61 m (200 ft.). With an exception of two models, base and cover are ordered separately.

SpaceLogic Living Space Sensor – Bases

Part number	Description	Temp	Humidity	CO2	LCD Display	Cover	Communication
SXWSBTXXXSXX	Sensor Base,Temp	<input type="checkbox"/>				Not included	MP Sensor Port
SXWSBTHXXSXX	Sensor Base, Temp, Humidity	<input type="checkbox"/>	<input type="checkbox"/>			Not included	MP Sensor Port
SXWSBTXCXSXX	Sensor Base, Temp, CO2	<input type="checkbox"/>		<input type="checkbox"/>		Not included	MP Sensor Port
SXWSBTHCXSSX	Sensor Base,Temp, Humidity, CO2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Not included	MP Sensor Port
SXWSATXXXSLX	Sensor,Temp,LCD, 3 Button, w/Matte Wht Cover	<input type="checkbox"/>			<input type="checkbox"/>	Included, Matte White	MP Sensor Port
SXWSATXXXSLW	Sensor,Temp,LCD, 3 Button, w/Optm Wht Cover	<input type="checkbox"/>			<input type="checkbox"/>	Included, Optimum White	MP Sensor Port
SXWSATXXXSLB	Sensor,Temp,LCD, 3 Button, w/Optm Blk Cover	<input type="checkbox"/>			<input type="checkbox"/>	Included, Optimum Black	MP Sensor Port
SLASXXX	Sensor,Temp,10KT3, No Comms, w/Matte Wht Cover	<input type="checkbox"/>				Included, Matte White	Resistive Only (10K Type 3)
SLAWXXX	Sensor,Temp,10KT3, No Comms, w/Optm Wht Cover	<input type="checkbox"/>				Included, Optimum White	Resistive Only (10K Type 3)
SLABXXX	Sensor,Temp,10KT3, No Comms, w/Optm Blk Cover	<input type="checkbox"/>				Included, Optimum Black	Resistive Only (10K Type 3)

SpaceLogic Living Space Sensor – Covers

Part number	Description	Full Color Touch Display w Light/Blind Control	Override	Setpoint Adjust	PIR Occ	Off-screen Light/ Blind Buttons	Off-screen Light Buttons	Housing Finish
SXWSCDXSELXX	Cover, Touchscreen, Std Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				Matte White
SXWSC3XSELXX	Cover, 3Btn, Override, Setpoint, Std Wht		<input type="checkbox"/>	<input type="checkbox"/>				Matte White
SXWSCBXSELXX	Cover, Blank, Std Wht							Matte White
SXWSCDPSELXX	Cover, Touchscreen, Occ, Std Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			Matte White
SXWSC3PSELXX	Cover, 3 Btn, Override, Setpoint, Occ, Std Wht		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			Matte White
SXWSCBPSELXX	Cover, Blank, Occ, Std Wht				<input type="checkbox"/>			Matte White
SXWSCDXSELXW	Cover, Touchscreen, Optm Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				Optimum White
SXWSC3XSELXW	Cover, Btn, Override, Setpoint, Optm Wht		<input type="checkbox"/>	<input type="checkbox"/>				Optimum White
SXWSCBXSELXW	Cover, Blank, Optm Wht							Optimum White
SXWSCDPSELXW	Cover, Touchscreen, Occ, Optm Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			Optimum White
SXWSC3PSELXW	Cover, 3 Btn, Override, Setpoint, Occ, Optm Wht		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			Optimum White
SXWSCBPSELXW	Cover, Blank, Occ, Optm Wht				<input type="checkbox"/>			Optimum White
SXWSCDXSELXB	Cover, Touchscreen, Optm Blk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				Optimum Black
SXWSC3XSELXB	Cover, 3 Btn, Override, Setpoint, Optm Blk		<input type="checkbox"/>	<input type="checkbox"/>				Optimum Black
SXWSCBXSELXB	Cover, Blank, Optm Blk							Optimum Black
SXWSCDPSELXB	Cover, Touchscreen, Occ, Optm Blk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			Optimum Black
SXWSC3PSELXB	Cover, 3 Btn, Override, Setpoint, Occ, Optm Blk		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			Optimum Black
SXWSCBPSELXB	Cover, Blank, Occ, Optm Blk				<input type="checkbox"/>			Optimum Black
SXWSC2XSELXW	Cover, Touchscreen, 2 Btn Light, Optm Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	Optimum White
SXWSC4XSELXW	Cover, Touchscreen, 4 Btn L/B, Optm Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		Optimum White
SXWSC2PSELXW	Cover, Touchscreen, 2 Btn Light, Occ, Optm Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Optimum White
SXWSC4PSELXW	Cover, Touchscreen, 4 Btn L/B, Occ, Optm Wht	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Optimum White
SXWSC2XSELXB	Cover, Touchscreen, 2 Btn Light, Optm Blk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	Optimum Black
SXWSC4XSELXB	Cover, Touchscreen, 4 Btn L/B, Optm Blk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		Optimum Black
SXWSC2PSELXB	Cover, Touchscreen, 2 Btn Light, Occ, Optm Blk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Optimum Black
SXWSC4PSELXB	Cover, Touchscreen, 4 Btn L/B, Occ, Optm Blk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Optimum Black

SpaceLogic IP Controller Accessory for Technician

All communicating SpaceLogic Living Space sensors support interface to eCommission SpaceLogic Controller mobile application via an add-on Bluetooth adapter.

Part number	Product name	Description	EBO Min
SXWBTAECXX10001	eCommission BT Adapter	Bluetooth Adapter - eCommission SpaceLogic IP Controller	n/a

SpaceLogic Operator Display

SpaceLogic Operator Display is a touch-screen Human Machine Interface (HMI) for SpaceLogic controllers and servers, designed for local monitoring of building controllers in small and medium-sized buildings, as well as in large buildings with comprehensive building management systems.

Part number	Description	EBO Min
HMIST6400SL	Operator Display 7-inch bundle (Includes HMI device, installation gasket, installation fasteners, screws, DC power supply connector, and installation sheet)	3.1 - AS-P, AS-B 3.0.1 - RP-C, MP-C, IP-IO
HMIZS53W1	Installation gasket (Provides dust and moisture resistance when this product is installed into a solid panel (1 piece))	n/a
HMIZSFIXTF1	Installation fastener (2 pieces per set)	n/a
XBTZ3004	Power supply connector for small panels (10 pieces per set)	n/a

EcoStruxure Building Operation - Enterprise Central

The Enterprise Central is software only and is tiered based on the number of Enterprise Server connections

Part number	Product name	Description	EBO Min
SXWSWECXX00002	Enterprise Central - 2	The Enterprise Central serves as a single point of administration. This model can support up to 2 child Enterprise servers.	2022
SXWSWECXX00005	Enterprise Central - 5	The Enterprise Central serves as a single point of administration. This model can support up to 5 child Enterprise servers.	2.0
SXWSWECXX00010	Enterprise Central - 10	The Enterprise Central serves as a single point of administration. This model can support up to 10 child Enterprise servers.	2.0
SXWSWESEC00003	Add 3 ES to EC - 2	Upgrade EC 2 to EC 5	2022
SXWSWESEC00005	EC Hosting ES Pack - 5	Allows an existing Enterprise Central to increase the number of hosted Enterprise Servers by 5	3.0

Note: Enterprise Central license includes three concurrent client seats (WorkStation or WebStation)

EcoStruxure Building Operation - Enterprise Server

The Enterprise Server is software only and is tiered based on the number of SpaceLogic Server connections

Part number	Product name	Description	EBO Min
SXWSWESXX00010	Enterprise Server - 10	The Enterprise Server can serve as a single point of administration. This model can support up to 10 child SpaceLogic Servers	2.0
SXWSWESXX00050	Enterprise Server - 50	The Enterprise Server can serve as a single point of administration. This model can support up to 50 child SpaceLogic Servers	2.0
SXWSWESXX00100	Enterprise Server - 100	The Enterprise Server can serve as a single point of administration. This model can support up to 100 child SpaceLogic Servers	2.0
SXWSWESXX00250	Enterprise Server - 250	The Enterprise Server can serve as a single point of administration. This model can support up to 250 child SpaceLogic Servers	2.0

Note: Reports Server does not have its own part number; the Reports Server license is included with the purchase of the Enterprise Server.

Note: Enterprise Server license includes three concurrent client seats

Enterprise Server add-on options

To add additional SpaceLogic Server connections to an Enterprise Server license or to add support for hosting non-SpaceLogic Server, the following add-on options are available. Add-on option part numbers must specify quantity required (if more than one server is to be enabled).

Part number	Product name	Description	EBO Min
SXSWASES00001	ES Hosting AS Pack - 1	Allows an existing Enterprise Server to increase the number of hosted SpaceLogic Servers by 1	2.0
SXSWASES00010	ES Hosting AS Pack – 10	Allows an existing Enterprise Server to increase the number of hosted SpaceLogic Servers by 10	2.0
SXSWASES00050	ES Hosting AS Pack – 50	Allows an existing Enterprise Server to increase the number of hosted SpaceLogic Servers by 50	3.0
SXSWNDES00005	ES Hosted Node Pack - 5	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 5	2.0
SXSWNDES00010	ES Hosted Node Pack - 10	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 10	2.0
SXSWNDES00025	ES Hosted Node Pack - 25	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 25	2.0
SXSWNDES00050	ES Hosted Node Pack - 50	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 50	2.0
SXSWNDES00100	ES Hosted Node Pack - 100	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 100	2.0
SXSWNDES00300	ES Hosted Node Pack - 300	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 300	2.0
SXSWNDES00600	ES Hosted Node Pack - 600	Allows an existing Enterprise Server to increase the number of hosted Non -SpaceLogic Servers by 600	2.0

EcoStruxure Building Operation - SpaceLogic Server

The SpaceLogic Server hardware (2022) require a software bundle and is tiered based on the number of Connected Devices¹, Enterprise Server connectivity, and IO connectivity.

Part number	Product name	Description	EBO Min
SXSWXBU0000SA	ASP Bundle - Standalone	Standalone Bundle allows 10 Connected Products, standalone only (not ES connectable)	2022
SXSWXBU0000SD	ASP Bundle - Standard	Standard Bundle allows 25 Connected Products, and is ES connectable	2022
SXSWXBU0000EN	ASP Bundle - Enhanced	Enhanced Bundle allows 100 Connected Products, and is ES connectable	2022
SXSWXBU0000FU	ASP Bundle - Full	Full Bundle allows unlimited Connected Products (250 per architectural guideline), and is ES connectable	2022
SXSWX000MBRTU	Modbus RTU - SpaceLogic AS-P Server	Modbus software add on for AS-P bundles	2022
SXSWXBBU010SD	ASB Bundle - Standard	Standard Bundle allows up to 10 Connected Products	2022
SXSWXBBU050FU	ASB Bundle - Full	Full Bundle allows up to 50 Connected Products	2022

Notes:

¹ A Connected Device is defined as any device connected to a field bus driven by an EBO server.

It is possible to upgrade the software bundle of the SpaceLogic Server in order to extend the capabilities. The bundle upgrades are listed below:

SXSWXUP00SASD	ASP Bundle upgrade - Standalone to Standard	Upgrade from 10 to 25 Connected Products, add ES connection	2022
SXSWXUP00SAEN	ASP Bundle upgrade - Standalone to Enhanced	Upgrade from 10 to 100 Connected Products, add ES connection	2022
SXSWXUP00SAFU	ASP Bundle upgrade - Standalone to Full	Upgrade from 10 to unlimited (250) Connected Products, add ES connection	2022

SXWSWXUP00SDEN	ASP Bundle upgrade - Standard to Enhanced	Upgrade from 25 to 100 Connected Products	2022
SXWSWXUP00SDFU	ASP Bundle upgrade - Standard to Full	Upgrade from 25 to unlimited (250) Connected Products	2022
SXWSWXUP00ENFU	ASP Bundle upgrade - Enhanced to Full	Upgrade from 100 to unlimited (250) Connected Products	2022
SXWSWXBBUPSDFU	ASB Bundle upgrade - Standard to Full	Upgrade from 10 to 50 Connected Products	2022

Notes:

¹ A Connected Device is defined as any device connected to a field bus driven by an EBO server.

Upgrading SpaceLogic server to EBO 2022

The upgrade to EBO 2022 is a charged upgrade. The cost of the upgrade will be determined based on the declared size and capability needs of the system which is based on the number Connected Devices¹, Enterprise Server connectivity, and IO connectivity.

Part number	Product name	Description	EBO Min
SXWSWASPUP34SA	ASP Upgrade Non-Secure Boot - Standalone	Upgrades AS-P-XX from EBO 3.x to EBO 2022 AS-P Bundle – Standalone Not compatible with secure boot HW	2022
SXWSWASPUP34SD	ASP Upgrade Non-Secure Boot - Standard	Upgrades AS-P-XX from EBO 3.x to EBO 2022 AS-P Bundle – Standard Not compatible with secure boot HW	2022
SXWSWASPUP34EN	ASP Upgrade Non-Secure Boot - Enhanced	Upgrades AS-P-XX from EBO 3.x to EBO 2022 AS-P Bundle - Enhanced Not compatible with secure boot HW	2022
SXWSWASPUP34FU	ASP Upgrade Non-Secure Boot - Full	Upgrades AS-P-XX from EBO 3.x to EBO 2022 AS-P Bundle – Full Not compatible with secure boot HW	2022
SXWSWASBUP34SD	ASB Upgrade - Standard	Upgrades AS-B-XX from EBO 3.x to EBO 2022 AS-B Bundle - Standard	2022
SXWSWASBUP34FU	ASB Upgrade - Full	Upgrades AS-B-XX from EBO 3.x to EBO 2022 AS-B Bundle - Full	2022

Notes:

¹ A Connected Device is defined as any device connected to a field bus driven by an EBO server.

Upgrading SpaceLogic server software bundle

Upgrading Enterprise Central to EBO 2022

The upgrade to EBO 2022 is a charged upgrade. The actual cost of the upgrade will be determined based on the declared size of the system which is based on the number SpaceLogic Servers (AS, AS-P, AS-B)

Part number	Product name	Description	EBO Min
SXWSWECUP34005	EC Upgrade from 3.X for 5 or less ES	Allows an existing Enterprise Central with 5 or fewer hosted Enterprise Servers to upgrade from 3.0 to EBO 2022	2022
SXWSWECUP34010	EC Upgrade from 3.X for 10 or less ES	Allows an existing Enterprise Central with 10 or fewer hosted Enterprise Servers to upgrade from 3.0 to EBO 2022	2022

Upgrading Enterprise Server to EBO 2022

The upgrade to EBO 2022 is a charged upgrade. The actual cost of the upgrade will be determined based on the declared size of the system which is based on the number SpaceLogic Servers (AS, AS-P, AS-B) and number of non-SpaceLogic Servers hosted directly under Enterprise Server.. Outlined below are the options that must be selected for pricing and

completion of the upgrade. There is also a variation in part numbers depending upon whether you are upgrading from 1.X to EBO 2022 or from 2.X to EBO 2022.

Part number	Product name	Description	EBO Min
SXWSWESUP13010	ES Upgrade from 1.X to 3.0 with 10 or less AS	Allows an existing Enterprise Server with 10 or fewer hosted SpaceLogic Servers to upgrade from 1.X to 3.0	3.0
SXWSWESUP13050	ES Upgrade from 1.X to 3.0 with 50 or less AS	Allows an existing Enterprise Server with 50 or fewer hosted SpaceLogic Servers to upgrade from 1.X to 3.0	3.0
SXWSWESUP13100	ES Upgrade from 1.X to 3.0 with 100 or less AS	Allows an existing Enterprise Server with 100 or fewer hosted SpaceLogic Servers to upgrade from 1.X to 3.0	3.0
SXWSWESUP13250	ES Upgrade from 1.X to 3.0 with 250 or less AS	Allows an existing Enterprise Server with 250 or fewer hosted SpaceLogic Servers to upgrade from 1.X to 3.0	3.0
SXWSWESUP23010	ES Upgrade from 2.X to 3.0 with 10 or less AS	Allows an existing Enterprise Server with 10 or fewer hosted SpaceLogic Servers to upgrade from 2.X to 3.0	3.0
SXWSWESUP23050	ES Upgrade from 2.X to 3.0 with 50 or less AS	Allows an existing Enterprise Server with 50 or fewer hosted SpaceLogic Servers to upgrade from 2.X to 3.0	3.0
SXWSWESUP23100	ES Upgrade from 2.X to 3.0 with 100 or less AS	Allows an existing Enterprise Server with 100 or fewer hosted SpaceLogic Servers to upgrade from 2.X to 3.0	3.0
SXWSWESUP23250	ES Upgrade from 2.X to 3.0 with 250 or less AS	Allows an existing Enterprise Server with 250 or fewer hosted SpaceLogic Servers to upgrade from 2.X to 3.0	3.0
SXWSWESUP34010	ES Upgrade from 3.X to EBO 2022 with 10 or less AS	Allows an existing Enterprise Server with 10 or fewer hosted SpaceLogic Servers to upgrade from 3.X to EBO 2022	2022
SXWSWESUP34050	ES Upgrade from 3.X to EBO 2022 with 50 or less AS	Allows an existing Enterprise Server with 50 or fewer hosted SpaceLogic Servers to upgrade from 3.X to EBO 2022	2022
SXWSWESUP34100	ES Upgrade from 3.X to EBO 2022 with 100 or less AS	Allows an existing Enterprise Server with 100 or fewer hosted SpaceLogic Servers to upgrade from 3.X to EBO 2022	2022
SXWSWESUP34250	ES Upgrade from 3.X to EBO 2022 with 250 or less AS	Allows an existing Enterprise Server with 250 or fewer hosted SpaceLogic Servers to upgrade from 3.X to EBO 2022	2022

When upgrading the Enterprise Server from 1.x to 2.x or to 3.x there are an additional two-part number that are used to encompass a further element of scalability to the cost of the upgrade. Note that there is no need to re-purchase these parts for subsequent upgrades from 2.x or 3.x to later versions.

Part number	Product name	Description	EBO Min
SXWSWASUP00001	Building Operation Upgrade AS -1	AS upgrade component is the scaled part of the upgrade from 1.x to 2.x or 3.x Building Operation. Use increments of this for less than 25 AS.	2.0
SXWSWASUP00099	Building Operation Upgrade AS -Unlimited	AS upgrade component is the scaled part of the upgrade from 1.x to 2.x or 3.x Building Operation. Use increments of this for more than 24 AS.	2.0

Enterprise Central add-on options

Add-on option part numbers are required to activate certain features. Enterprise Central requires a Windows based license to activate a feature. It is not interchangeable with an embedded license.

Part number	Product name	Description	EBO Min
SXWSWSNMP00001	SW-SNMP-1	Alarm notifications via SNMP option no maintenance subscription included)	1.0
SXWSWEWSX00001	SW-EWS-1	EcoStruxure Web Services (run-time) option – Consume only (no maintenance subscription included)	1.2
SXWSWEWSX00002	SW-EWS-2	EcoStruxure Web Services (run-time) option – Serve & Consume (no maintenance subscription included)	1.2
SXWSWEWSX00003	SW-EWS-3	EcoStruxure Web Services (run-time) option – Serve & Consume, plus Historical trend log data (no maintenance subscription included)	1.2
SXWSWGWSX00001	SW-GWS-1	Web Services (Generic Consume) option (no maintenance subscription included)	1.2
SXWSWDASH00001	Personal Dashboards	Built-in dashboard functionality which enables users to create their own pages to get an overview of how buildings perform	3.0
SXWSWECDSTS001	Timescale DB Option - EC	Integration of an open, external SQL database for long term data and audit trail storage	3.0
SXWSWECPDFSS01	Building Operation PDF Sign EC	Enables PDF documents to be digitally signed at time of generation - EC	3.2
SXWSWECSAML001	SAML Authentication - EC	Enables SAML Authentication for Enterprise Central	2022

Enterprise Server add-on options

Add-on option part numbers are required to activate certain. Enterprise Server requires a Windows based license to activate a feature. It is not interchangeable with an embedded license.

Part number	Product name	Description	EBO Min
SXWSWSNMP00001*	SW-SNMP-1	Alarm notifications via SNMP option no maintenance subscription included)	1.0
SXWSWEWSX00001	SW-EWS-1	EcoStruxure Web Services (run-time) option – Consume only (no maintenance subscription included)	1.2
SXWSWEWSX00002	SW-EWS-2	EcoStruxure Web Services (run-time) option – Serve & Consume (no maintenance subscription included)	1.2
SXWSWEWSX00003	SW-EWS-3	EcoStruxure Web Services (run-time) option – Serve & Consume, plus Historical trend log data (no maintenance subscription included)	1.2
SXWSWGWSX00001	SW-GWS-1	Web Services (Generic Consume) option (no maintenance subscription included)	1.2
SXWSWDASH00001	Personal Dashboards	Built-in dashboard functionality which enables users to create their own pages to get an overview of how buildings perform	3.0
SXWSWESDBTS001*	Timescale DB Option - ES	Integration of an open, external SQL database for long term data and audit trail storage	3.0
SXWSWCMLPK001**	Regulated Ind Compliance Pack	Set of features to assist in validation in a regulated environment	3.2
SXWSWESPDFSS01	Building Operation PDF Sign ES	Enables PDF documents to be digitally signed at time of generation - ES	3.2
SXWSWMQTTSRW01	MQTT – Publish & Subscribe – ES	Enterprise Server publishes and subscribes to data via MQTT broker	2022
SXWSWESSDZR001	Building Operation Zoning - ES	Enables zoning UI in Enterprise Server and connected SpaceLogic Edge Servers	3.2
SXWSWESSAML001	SAML Authentication - ES	Enables SAML Authentication for Enterprise Server	2022

* In version 3.2 and higher the Enterprise Server will allow its child SpaceLogic Servers to inherit its license for the SNMP, Timescale DB, SAML and MQTT features. So the full ES system will only require the one ES based license.

**Purchase of SXWSWCMLPK001 includes SXWSWESDBTS001 and SXWSWESPDFSS01

SpaceLogic Server add-on options

Add-on option part numbers are required to activate certain features. SpaceLogic servers require an embedded license to activate features. An embedded license is not interchangeable with an windows license.

Part number	Product name	Description	EBO Min
SXWSWSNMPX0001	EBO SNMP Alarming - SpaceLogic	Alarm notifications via SNMP – SpaceLogic server	3.0
SXWSWEWSXX0001	EBO WS EWS Consume - SpaceLogic	EcoStruxure Web Services (run-time) option – Consume only – SpaceLogic server	3.0
SXWSWEWSXX0002	EBO WS EWS C+Serve - SpaceLogic	EcoStruxure Web Services (run-time) option – Serve & Consume – SpaceLogic server	3.0
SXWSWEWSXX0003	EBO WS EWS C+S+Hist - SpaceLogic	EcoStruxure Web Services (run-time) option – Serve & Consume, plus Historical trend log data – SpaceLogic server	3.0
SXWSWGWSXX0001	EBO WS Gen Consume - SpaceLogic	Web Services (Generic Consume) option – SpaceLogic server	3.0
SXWSWDASHX0001	Personal Dashboards - SpaceLogic	Built-in dashboard functionality which enables users to create their own pages to get an overview of how buildings perform – SpaceLogic server	3.0
SXWSWASDBXS001	Timescale DB Option - SpaceLogic	Integration of an open, external SQL database for long term data and audit trail storage – SpaceLogic server	3.0
SXWSWMQTTXRW01	MQTT – Publish & Subscribe - SpaceLogic	SpaceLogic Server publishes and subscribes to data via MQTT broker	2022
SXWSWASSAML001	SAML Authentication - SpaceLogic server	Enables SAML Authentication for SpaceLogic Server	2022

Semantic Tagging add-on licenses

Part number	Product name	Description	EBO Min
SXWSWSTDBAC002	Semantic DB - Plus CPU Cores - 2	Unlocks additional concurrency to Semantic DB queries (2 CPU cores)	2022
SXWSWSTDBAC006	Semantic DB - Plus CPU Cores - 6	Unlocks additional concurrency to Semantic DB queries (6 CPU cores)	2022
SXWSWSTDBEUAC2	Semantic DB - External Use Plus Cores - 2	Enables Semantic DB to be queried from external tools using SPARQL	2022
SXWSWSTDBEUAC6	Semantic DB - External Use Plus Cores - 6	Enables Semantic DB to be queried from external tools using SPARQL	2022

EcoStruxure Building Operation - Client software (including editors)

Part number	Product name	Description	EBO Min
SXWSWCLIENT0001	Building Operation Client - 1	WorkStation Standard or WebStation, 1 concurrent user license	1.0
SXWSWCLIENT0005	Building Operation Client - 5	WorkStation Standard or WebStation, 5 concurrent user license	1.0
SXWSWCLIENT0010	Building Operation Client – 10	WorkStation Standard or WebStation, 10 concurrent user license	1.0
SXWSWCLIENT0025	Building Operation Client – 25	WorkStation Standard or WebStation, 25 concurrent user license	1.0
SXWSWCLIENT0999	Building Operation Client Unlimited	WorkStation Standard or WebStation, Unlimited concurrent user licenses	2.0

SXWSWCLIEX00001*	EBO Client - 1 -SpaceLogic	WebStation, 1 concurrent user license for use at the SpaceLogic server only	3.0
SXWSWCLIEX00005*	EBO Client - 5 - SpaceLogic	WebStation, 5 concurrent user license for use at the SpaceLogic server only	3.0
SXWSWORK00002	SW-STATION-PRO-0	WorkStation Professional, 1 concurrent user license. Professional WorkStation version includes Editor licensing (Includes TGML Graphics editor, Function Block & Script Programming; no maintenance subscription included)	1.0
SXWSWEDIT00001	SW-EDITORS-0	Programming & Graphics Editor licensing, 1 concurrent user license. TGML Graphics editor, Function Block & Script Programming license only (Used for adding to existing WorkStation Standard license; no maintenance subscription included)	1.0

* Not required for 3.1 and later. An embedded client license that will be activated on a SpaceLogic Server will always allow for the operation of a WebStation only. In order for WorkStation to operate it must have access to a Windows license on a PC that is running a Windows OS. Since WorkStation software requires a Windows operating system, then the license might be installed on the same PC or it might make use of a demo license.

Activation Key for OpenLNS Server

Part number	Product name	Description	EBO Min
SXWSWLNSX00001	SW-OPEN-LNS-SERVER	Activation Key for <i>OpenLNS</i> Server, 1 WorkStation license.(Used for the configuration of LonWorks® devices using LNS® Device Plug-Ins; no maintenance subscription included)	1.4

Refer to PA-00285 EcoStruxure Building Operation v1.4 Activation Key for OpenLNS Server Product Announcement for more information and Frequently Asked Questions (FAQs) on this part number.

SpaceLogic Advanced Display – AD (Advanced Display) v3

Third generation of SpaceLogic Advanced Display – AD (AD v3). This 10-inch HMI is a convenient option for users to access, monitor and service EcoStruxure™ solution. Powered by the latest generation of CPU, with increased memory, a better resolution, and the latest Android version available, AD v3 provides the best user experience possible for displaying EcoStruxure graphics (validated with the latest available version of EBO v3.0).

Part number	Product name	Description	EBO Min
SXWADBUND10003	Advanced Display v3	SpaceLogic Advanced Display Version 3	1.8.1
SXWADWIFI10001	Advanced Display Wi-Fi Module	Optional Wi-Fi Module for AD v3	n/a
SXWADUSBC10001	Straight Cable	USB-C cable straight 2.4m(7.87ft) power only 5V	n/a
SXWADUSBC10002	Short Y-shaped Cable	USB-C cable Y-shape 1.35m (4.43ft) AS/-B/-P 24V	n/a
SXWADUSBC10003	Long Y-shaped Cable	USB-C cable Y-shape 2.85m(9.35ft) AS/-B/-P 24V	n/a

Smart Connector

Smart Connector is a development framework that simplifies and accelerates integrations with 3rd Party Systems or other data sources. As an open, extensible and configurable application framework, it allows developers to develop innovative new capabilities, applications and solutions which extend and enhance SmartStruxure Building Management solutions.

Part number	Product name	Description	EBO Min
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SXWSWCDL100001	SW-SMART-CONNECT	Smart Connector Deployment License (required for each deployment of Smart Connector Framework)	1.5 ¹
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Notes:

¹ EBO v1.5 introduced support for EWS 1.2 required for the Smart Connector. Newer versions of EBO with additional EWS support may be required depending on the application. For example, EBO 1.6 introduced EWS alarm enhancements.

Hardware comparisons

This section contains additional details about similar models to aid with product selection.

SpaceLogic Controller model comparison

Feature	AS-P	AS	AS-P-NL	AS-B
EBO version hardware initially supported	v1.7.1	v1.0	v3.2.1	v1.8.1
Ethernet ports	2	1	2	2
RS-485 ports	2	2	2	1
USB host port	1	2	1	1
USB device port	1, Mini-B	1, Type A	1, Mini-B	1, Mini-B
Standard - BACnet IP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BACnet /SC	<input type="checkbox"/> v4.0.1		<input type="checkbox"/> v4.0.1	<input type="checkbox"/> v4.0.1
BACnet MS/TP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LON, FT10	<input type="checkbox"/>	<input type="checkbox"/>		
Modbus, TCP and serial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EWS	<input type="checkbox"/>	<input type="checkbox"/> v1.2	<input type="checkbox"/>	<input type="checkbox"/>
Generic web service	<input type="checkbox"/>	<input type="checkbox"/> v1.2	<input type="checkbox"/>	<input type="checkbox"/>
Smart Driver	<input type="checkbox"/> v1.8.1		<input type="checkbox"/> v1.8.1	
Proprietary – Infinet, RS-485	<input type="checkbox"/> v1.91		<input type="checkbox"/> v1.91	
Satchwell Micronet, RS-485	<input type="checkbox"/>	<input type="checkbox"/> v1.3 SP1	<input type="checkbox"/>	
Network 8000	<input type="checkbox"/>	<input type="checkbox"/> v1.2	<input type="checkbox"/>	
I/NET Controller LAN	<input type="checkbox"/>	<input type="checkbox"/> v1.7.1	<input type="checkbox"/>	
Smoke Control – UL684 listing	<input type="checkbox"/> v1.8.1.87 <input type="checkbox"/> v2.0.4.83 <input type="checkbox"/> v3.0.4.43	<input type="checkbox"/> v1.7.1 and v1.8.1 only		
Number of MP controllers supported ¹	200	n/a	200	50

Notes: ¹Refer to Architectural Guidelines 3.0.1 for more information

SpaceLogic Controller AS-B model comparison

(all initially supported by EBO v1.8.1)

Product name	I/O points	Manual Override/Display	BACnet IP*	BACnet MS/TP	Modbus	Max Device Hosting
AS-B-24	24		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50
AS-B-24H	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50
AS-B-36	36		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50
AS-B-36H	36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50
AS-B-24-P	0					0
AS-B-24H-P	0	<input type="checkbox"/>				0
AS-B-36-P	0					0

AS-B-36H-P	0	<input type="checkbox"/>			0
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*In v4.0, configurable to support BACnet /SC applications.

SpaceLogic Controller MP model comparison

(all non-smoke control models initially supported by EBO v2.0.1, all smoke control models initially supported by EBO v3.2.1)

Product name	I/O points	Manual Override/Display	BACnet IP	Sensor Bus	Airflow Sensor & Actuator	UL Smoke Control
MP-C-15A	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
MP-C-15A-SMK	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
MP-C-18A	18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
MP-C-18A-SMK	18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
MP-C-18B	18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
MP-C-18B-SMK	18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
MP-C-24A	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
MP-C-24A-SMK	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
MP-C-36A	36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
MP-C-36A-SMK	36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
MP-V-9A	9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MP-V-9A-SMK	9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MP-V-7A	7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MP-V-7A-SMK	7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Software comparisons

User Interface Types:

WorkStation Standard: WorkStation software *without* graphics editor, script and function block programming editors.

WorkStation Pro: WorkStation software including graphics editor, script and function block programming editors.

WebStation: Direct access to an Automation Server and/or Enterprise Server using a web browser. No special (or additional) software or licensing needed.

Full functionality Partial functionality	WorkStation Standard (Windows Client)	WorkStation Pro	WebStation
Navigate, Search, Filter, View semantic descriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create and edit semantic descriptions	<input type="checkbox"/>	<input type="checkbox"/>	
View Dashboards			<input type="checkbox"/>
Create and edit public dashboards	<input type="checkbox"/> ¹⁸	<input type="checkbox"/> ¹⁸	<input type="checkbox"/>
Create and edit personal dashboards			<input type="checkbox"/>
View slide shows			<input type="checkbox"/>
Create and edit slide shows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Develop custom dashboard components		<input type="checkbox"/>	
View alarms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage alarms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit alarms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ²
Create alarms	<input type="checkbox"/>	<input type="checkbox"/>	
Support for flashing and audible alarms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
View priority array	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit priority array	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full functionality Partial functionality	WorkStation Standard (Windows Client)	WorkStation Pro	WebStation
Create devices (includes device discovery)	<input type="checkbox"/>	<input type="checkbox"/>	
Manage BACnet backup and restore	<input type="checkbox"/>	<input type="checkbox"/>	
View Graphics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create and edit graphics		<input type="checkbox"/>	
View graphics that use client API			<input type="checkbox"/>
Create graphics that use client API		<input type="checkbox"/>	
View trend logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit trend logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ⁴
Create trend logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ⁵
Create, edit, and view multi trend log lists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
View extended trend logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit extended trend logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ⁴
Create extended trend logs	<input type="checkbox"/>	<input type="checkbox"/>	
Create devices (includes device discovery)	<input type="checkbox"/>	<input type="checkbox"/>	
Manage devices	<input type="checkbox"/>	<input type="checkbox"/>	
View Network Variables (NVs) and Configuration Parameters (CPs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit NVs and CPs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create devices	<input type="checkbox"/>	<input type="checkbox"/>	
Manage devices	<input type="checkbox"/>	<input type="checkbox"/>	
View values	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit values	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
View values	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit values - e.g. "change setpoint"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Programs			
Create and edit customized programs		<input type="checkbox"/>	
View function block program in graphics viewer	<input type="checkbox"/>	<input type="checkbox"/>	
Program MNL/MNB controllers		<input type="checkbox"/> ⁷	
Notification Reports			
Create and edit reports	<input type="checkbox"/>	<input type="checkbox"/>	
Schedules & Calendars			
View schedules and calendars	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edit schedules and calendars	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ⁹
Create schedules and calendars	<input type="checkbox"/>	<input type="checkbox"/>	
Create multi schedule views	<input type="checkbox"/>	<input type="checkbox"/>	
Edit and manage schedules in multi schedule view			<input type="checkbox"/>
Users & User Groups			
Create and edit users	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ¹⁰
Create and edit user's group membership	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ¹⁰
Create and edit user groups	<input type="checkbox"/>	<input type="checkbox"/>	
Create and edit permissions	<input type="checkbox"/>	<input type="checkbox"/>	
User Experience			

Full functionality Partial functionality	WorkStation Standard (Windows Client)	WorkStation Pro	WebStation
View customized workspaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
View customized navigation panes	<input type="checkbox"/>	<input type="checkbox"/>	
Log on as Windows Active Directory user	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Log on using SAML 2.0 authentication			<input type="checkbox"/>
Automatic guest account log on	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Password management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create and edit saved searches	<input type="checkbox"/>	<input type="checkbox"/>	
View saved searches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simple and advanced searches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kiosk mode			<input type="checkbox"/>
Bookmarking to a particular web view			<input type="checkbox"/>
Support for localization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Support for translation	<input type="checkbox"/>	<input type="checkbox"/> ¹⁵	<input type="checkbox"/>
Ability to change language on the client side	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Support for Dark Mode			<input type="checkbox"/>
Support for custom accent color			<input type="checkbox"/>
Other			
Configure and edit I/O points, field buses, and communication ports	<input type="checkbox"/>	<input type="checkbox"/>	
Create and edit logical structure	<input type="checkbox"/>	<input type="checkbox"/>	
Create and edit views, panels, workspaces, and navigation panes	<input type="checkbox"/>	<input type="checkbox"/>	
View and configure Watch pane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ¹⁷
View events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Administer backup and restore of database	<input type="checkbox"/>	<input type="checkbox"/>	
Manage archiving	<input type="checkbox"/>	<input type="checkbox"/>	

Notes:

¹ Only supports alarm acknowledgment.

² Can edit alarm ranges, text, delay times, shunt variables, assignments, and deadband.

³ View in list format.

⁴ Can only change parameters, for example, interval time.

⁵ Can only create interval trend log type.

⁶ NVs and CPs are displayed only in SI units.

⁷ Microsoft Visio is required.

⁸ Can edit some parameters per report, can save changes or make a copy of the report with changes.

⁹ Can edit existing schedules and calendars only. Cannot create or edit recurring calendar events.

¹⁰ Cannot assign permissions.

¹¹ Cannot edit saved searches.

¹² Technician Tool search queries are not linked to Building Operation but stored locally on the mobile device. The search queries can be saved and reused as long as the same mobile device is used.

¹³ Only supports simple search, including wildcard search.

¹⁵ Translation is only supported in the WorkStation interface. It is not supported for graphics and programming editors.

¹⁷ Configuration changes cannot be saved.

¹⁸ Non-visual editing only