EcoStruxure™
Innovation At Every Level

A masterpiece for a plug & play digital ecosystem

Harmony Hub

Harmony Hub is a wireless gateway designed for collecting data from operator interfaces and sensors to start your digitization journey on your installed base.

More flexibility

A **non-intrusive wireless** system for your existing industrial equipment. Harmony Hub collects physical signals from operator interfaces.

More devices

Easily connect **up to 60 different wireless devices** such as push buttons, rope pull switches, mushroom head push button, emergency stop, limit switches and sensors.

More open

Ethernet-based connectivity to both information technology (IT) architecture and operational technology (OT) architecture.

More value with EcoStruxure

When associated to digital services of EcoStruxure platform (such as **AVEVA Insight** software, **Augmented Operator Advisor** application or **Maintenance Advisor** software), you can benefit from other advanced services.

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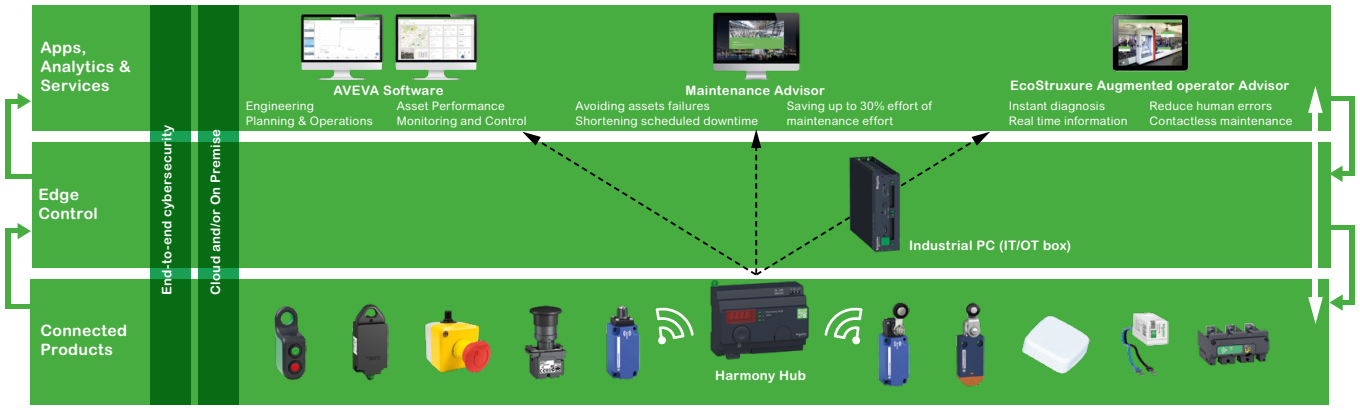
Harmony Hub embedded functions:

An easy-to-install non-intrusive wireless system which digitizes your production line and provides you with computed data to improve overall equipment efficiency (OEE).

- Robustness, built for industrial environment
- Connection through open protocol (Ethernet Modbus/TCP)
- Compatible with up to 60 wireless devices
  - Pushbuttons
  - Tower lights
  - Rope pull switches
  - Emergency stop monitoring
  - Limit switches
  - Temperature & energy sensors

EcoStruxure™ Plant
Innovation At Every Level

EcoStruxure™ Architecture



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Maximize freedom of movement with Harmony XB5R pushbuttons for automatic door control

Are you looking for an easier way to operate your automatic door? Harmony XB5R is a complete range of wireless and batteryless pushbuttons, designed specifically for this application.

Now, you can open and close automatic doors from metres away, enabling more convenient and safer passage of forklifts and walking personnel.

- **Save time** – no cable connection required between pushbutton and control panel.
- **Save money** – no wiring and cable tray costs.
- **Minimize post-installation maintenance** – no battery to recharge or replace.

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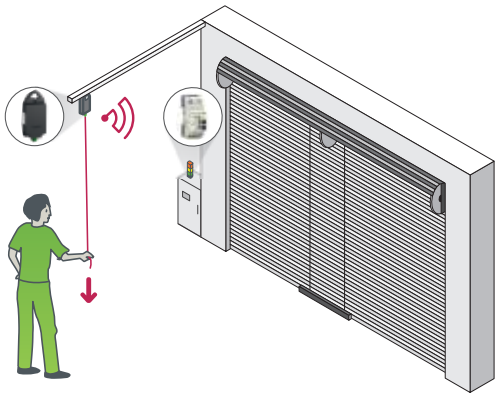

MOTOR

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Benefits

Cut installation time

- You can install a new control device on an automatic door easily and without additional cost.

Master your costs

- With the new wireless and batteryless Harmony XB5R pushbutton and the rope pull switch ZBRP1, you only need to consider the cabling of the receiver in the cabinet.
- No current consumption by pushbutton transmitter.

Minimize maintenance

- No battery to recharge, replace, or recycle.

ZBRP1 rope pull switch

- In addition to pushbuttons, the range includes a new wireless and batteryless rope pull switch for easy operation of automatic doors.
- This switch can be either mounted directly on the panel or between two ropes close to the automatic door.
- This enables a forklift driver or a pedestrian to open and close the door by pulling the rope and generating mechanical energy that is transmitted as a radio message to the receiver placed in the control panel.

Characteristics

1 Harmony rope pull switch

- Panel mounting or between 2 ropes
- High degree of protection IP66 / NEMA 4X outdoor

2 Harmony mushroom head pushbutton

- Complete spring return mushroom head with transmitter
- 40mm black head

3 Harmony dia 22 pushbutton

- Complete spring return pushbutton with transmitter
- Choice of head colour cap

4 Harmony receiver

- 2 relays output type RT 3A
- Output function configurable (monostable / bistable)
- Voltage : 24….240V AC/DC

References

Harmony XB5R wireless and batteryless range

Rope pull switch	ZBRP1
Mushroom head pushbutton (black)	ZB5RTC2
Diameter 22 pushbutton (green cap)	ZB5RTA3
Receiver configurable	ZBRRD

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