

Easy-to-use, intuitive HMI for localized building management



SpaceLogic™ Operator Display

SpaceLogic™ Operator Display is the touch-screen human-machine interface (HMI) for SpaceLogic controllers. Ready-to-use and intuitive to operate, the display simplifies operations, service and troubleshooting for localized monitoring in key service areas.

Designed for monitoring controllers in buildings – from simpler network architectures to large buildings with comprehensive building management systems – SpaceLogic Operator Display communicates via BACnet/IP with direct connection to SpaceLogic controllers, independent of EcoStruxure™ building management systems with SpaceLogic AS-P and AS-B servers.



SpaceLogic Operator Display is designed to integrate with EcoStruxure™ Building Operation.

- Fast, IP-based communication speeds maximize engineering efficiencies
- Compatible with a wide variety of plant room control applications from stand-alone control of equipment to complex HVAC control in large buildings
- Connects with SpaceLogic AS-P, AS-B, MP-C, MP-V, RP-C or IP-IO over BACnet/IP, as well as to third-party BACnet/IP controllers from other manufacturers
- Discovers BACnet field devices on the same network and their points displayed
- Discovers any devices connected to a controller whose points are exposed to the system as BACnet points
- Scale as system requirements change, connecting with up to seven controllers or servers



Improves operational efficiency



Allows monitoring in key service areas



Reveals performance trends

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Small or room area installation

SpaceLogic Operator Display is a simple, cost-effective HMI for basic HVAC control in smaller systems. It connects directly to SpaceLogic MP or RP controllers in the panel – no need for additional servers – and commissions in only minutes with no programming or external tools.

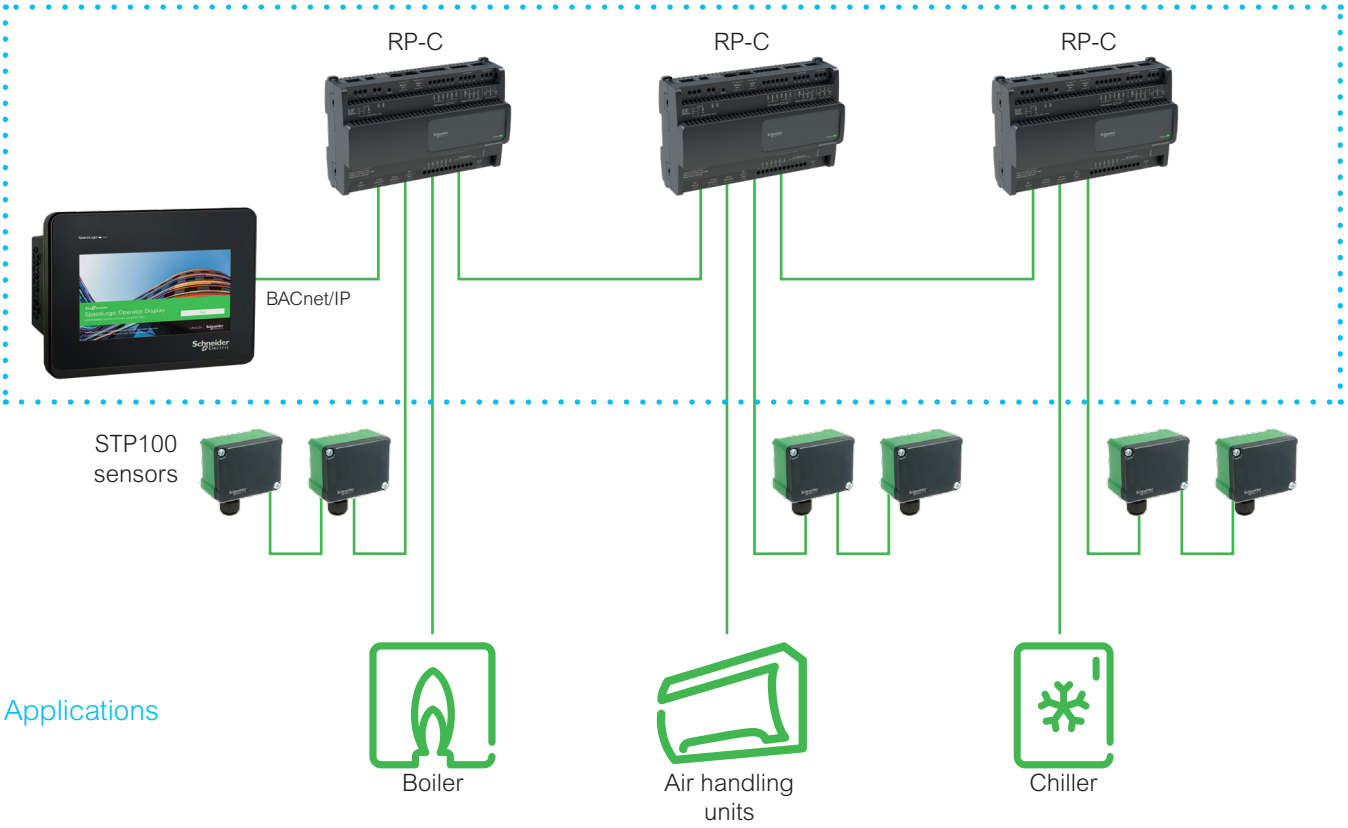
- View points, view and acknowledge alarms
- Modify temperature setpoints
- Perform equipment maintenance checks
- Adjust time schedules
- Monitor and pinpoint performance trends
- Customize views with EBO CAM-object support*
- Discover up to seven SpaceLogic controllers to make the HMI the interface for all SpaceLogic controllers in a single cabinet or multiple SpaceLogic controllers in a local control area

** Available in November 2021*

Applications

- Pump Stations
- Fan Rooms
- Heating and Cooling Panels
- Fan coil units
- Rooftop units
- Heat pumps
- Chilled beams
- Make-up air units
- Exhaust Hoods
- Unit ventilators
- Air/Water chillers
- Packaged units
- Heat recovery units
- Humidification / Dehumidification units

Panel with multiple RP-C controllers



Applications

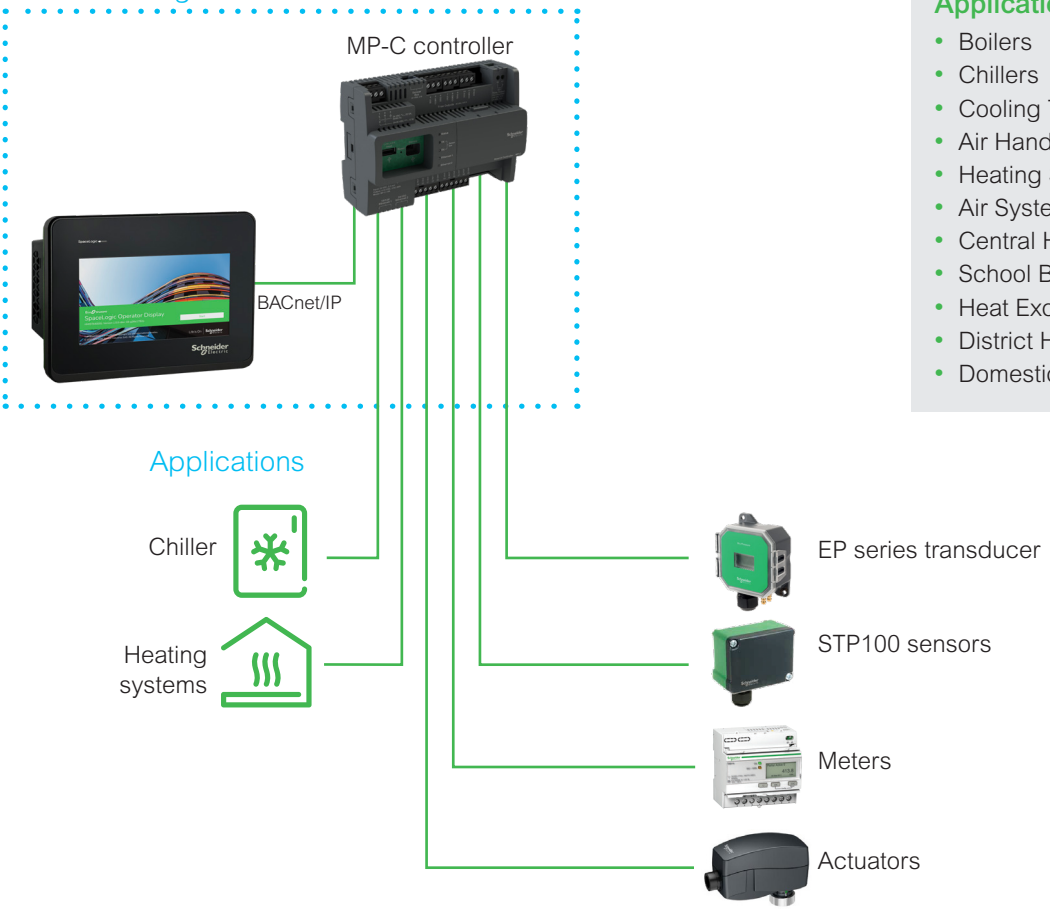


Stand-alone plant/mechanical room control

Many facilities do not have complex control needs. Stand-alone, cost-effective equipment control systems often meet requirements and can be controlled and monitored by facility managers. In a central plant or mechanical room, SpaceLogic AS-B or MP-C controllers can be used as a stand-alone BACnet/IP controller to control multiple, centrally located HVAC equipment.

- Simplifies and centralizes system maintenance and operation
- Installs directly in equipment room where users perform duties
- Improves work efficiency and response time
- IP65-rated device protected from harsh environments, including dust, particulates and low-pressure water jets
- Intuitive, easy-to-use interface with minimal learning curve needed to test and troubleshoot issues
- Communicates over BACnet/IP with direct connection to SpaceLogic AS-B and MP-C controllers used in plant or mechanical room control
- Only one display needed per plant room control panel; up to seven controllers can be discovered by a single display

Panel with single MP-C controller



Applications

- Boilers
- Chillers
- Cooling Towers
- Air Handling Units
- Heating Systems
- Air Systems
- Central Heating and Cooling Systems
- School Boiler Houses
- Heat Exchanger Production
- District Heating Schemes
- Domestic Hot Water Systems



Large system with EcoStruxure Building Operation

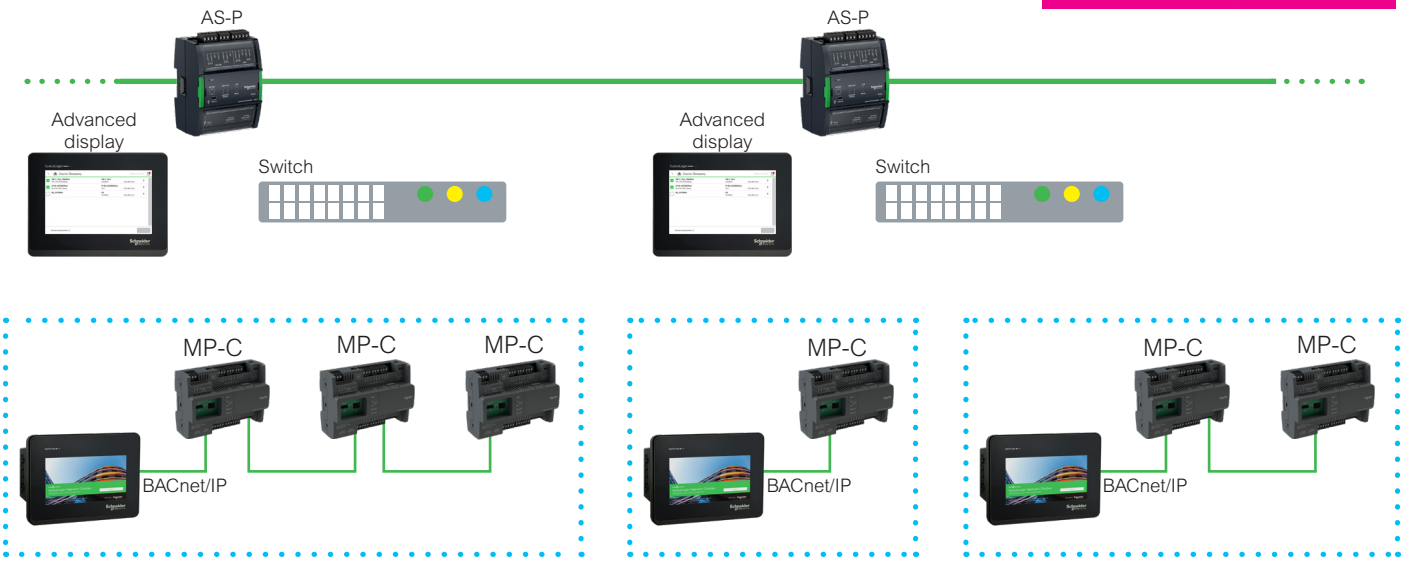
While large installations have EcoStruxure™ Building Operation Enterprise Server or SpaceLogic AS-P server at the core of their building management systems, in these installations' smaller plant and equipment rooms the SpaceLogic Operator Display with its simple, cost-effective, easy-to-use interface is ideal.

- Provides a local user interface for SpaceLogic plant room controllers in the BMS
- Connects directly to SpaceLogic AS-B and MP-C controllers in the equipment room
- Increases work efficiency and response time of facility managers and custodians
- Acts as a backup interface to monitor large systems if servers are offline or communication with field controllers is lost, maintaining full functionality regardless of AS-P status
- Discover and monitor up to seven SpaceLogic controllers in daisy chain, star or RSTP topologies
- Only one display is needed per private IP network

Applications

- Campuses
- Large Office Buildings
- Shopping Malls
- Large Hospitals

FPO
will need input on this architecture diagram



Note: controllers can be MP-C, MP-V or RP-C

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