



Solution:

BACnet server gateways and interfaces.

That provides:

Air Conditioner main functions:

- On/Off
- Mode
- Set Point
- Ambient Temp.
- Error Code

BACnet IP and BACnet MSTP connectivity.

Product features:

- BACnet IP and MSTP
- BBMD and foreign Device
- Notification Classes
- BTL certified

Solution for small and medium installations

The major air conditioner manufacturers offer solutions to integrate their systems into BACnet. However, these solutions only cover specific scenarios for large installations with centralized controllers and BACnet IP connectivity. Intesis provides the solution for small and medium sized projects!

Many small and medium sized projects do not include centralized controllers and BACnet MSTP connectivity.

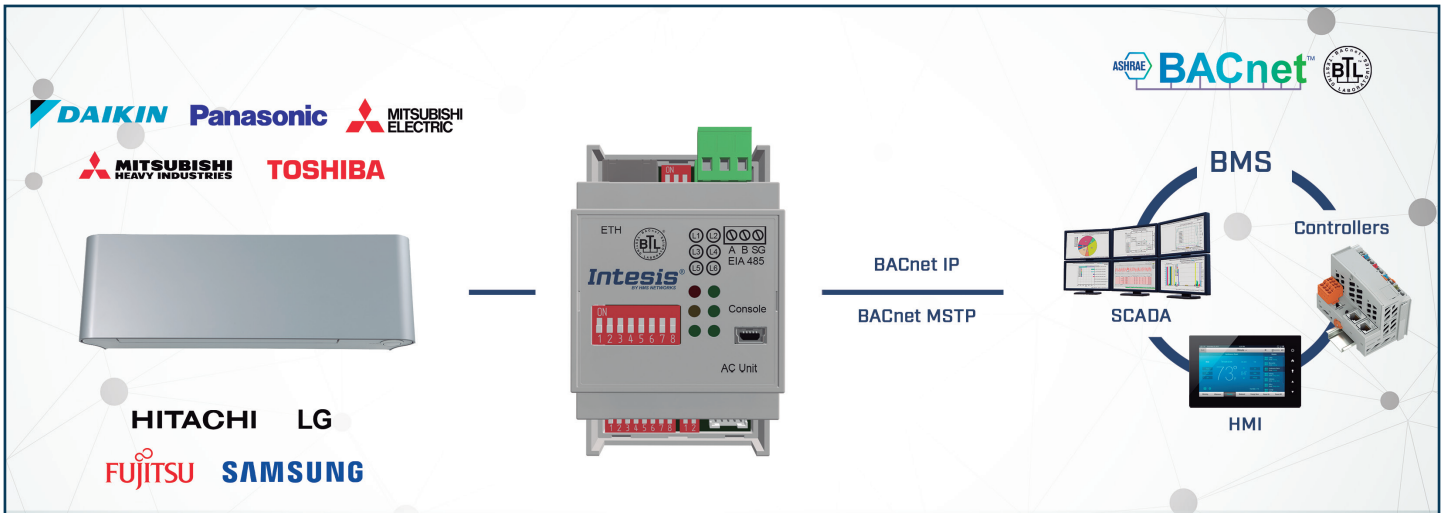
However, thanks to Intesis BACnet BAC-1 interfaces, installers and integrators can provide a more tailored solution for the integration of commercial and domestic units into BACnet controlled system, using both IP and MSTP.

Requirements:

- Integration into BACnet IP and BACnet MSTP.
- Decentralized solution.
- Improvement of energy savings.
- Optimization of the air conditioning system for the different zones in the building integrating Domestic and Commercial solutions.

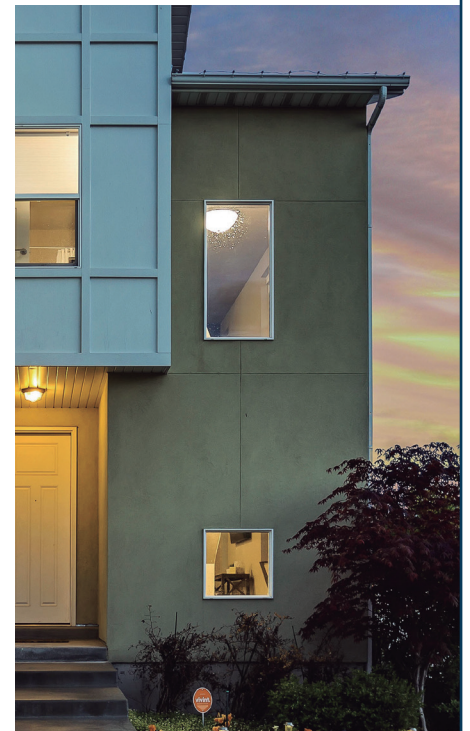
**“Flexible
and efficient
solution
required”**





Benefits:

- The use of Intesis BACnet BAC-1 interfaces allows simple integration of domestic, commercial and VRF HVAC solutions into any BACnet IP or BACnet MSTP building management systems.
- Thanks to its direct connection to the indoor unit electronics or wired remote controller bus, the Intesis interface allows decentralized solutions that provide a more flexible and safer scenario.
- Having integrated all the HVAC units into the BMS, ensures a full control of the related costs.
- Easy to scale. New interfaces can be added and connected to the HVAC and BACnet systems in a very simple way. The gateways are compatible with multiple indoor unit types -domestic as well as commercial, and there is no complicated licensing model involved.
- Energy savings can be achieved as each air conditioning unit can be controlled individually.



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