

# SIP2 - Discover the Future of System Integration

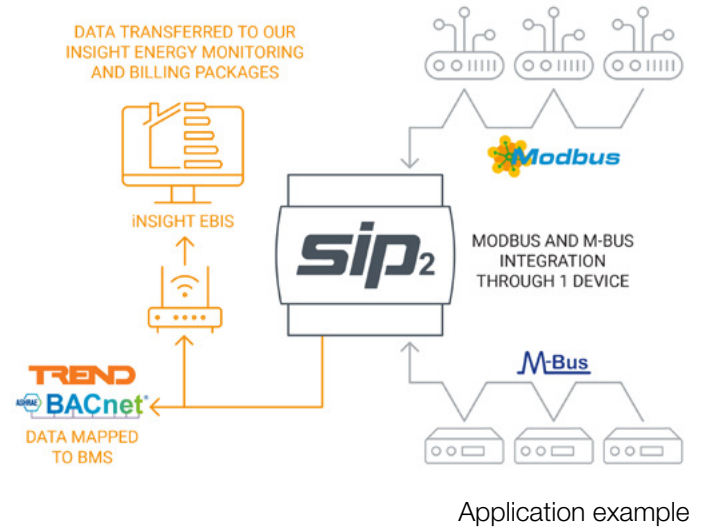
Simple, Low-Cost Interface and Data Capture Solutions

## SIP2 interfacing and data capture solution

SIP2 from Synapsys Solutions is a hardware platform designed to be an easy-to-use, low cost field-bus, metering, plant interface and or data capture solution.

The SIP2 hardware platform comes as standard with built in M-Bus, ModBus, Power over Ethernet (PoE) and a digital input/pulse counter. The small footprint of the hardware makes it perfect for residential applications with the inclusion of PoE for when a standard power source is not an option.

The multi-protocol hardware supports a maximum of four drivers per device (one instance of each driver), those drivers can include MQTT, REST, Synapsys vIQ and BACnet Server (BIC) and many more. The SIP2 also enables meter data to be passed to BMS AND Energy Monitoring Systems independently. The hardware is available in 100, 300 and 600 point variants ensuring users don't have to pay for more points than they require.

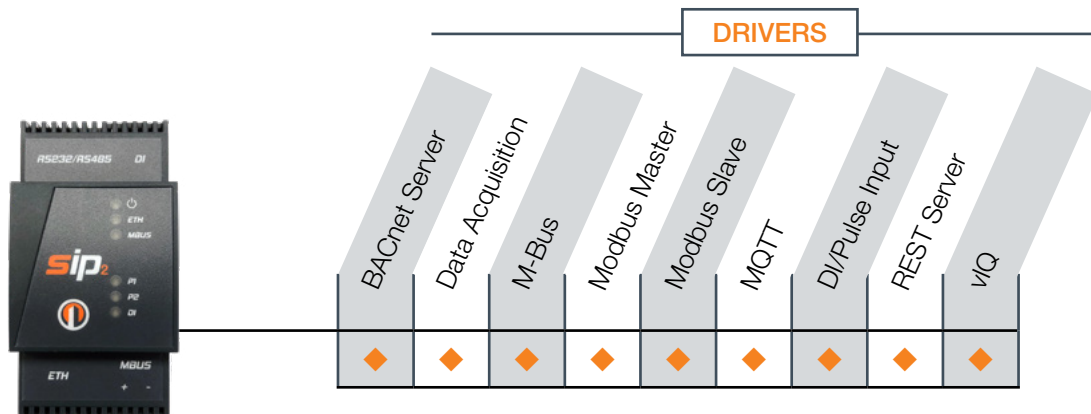


## SIP2 is an ideal platform for:

- **BACnet or Trend integration:** Simple and efficient interfacing of meters and plant to BMS.
- **Data capture for exporting:** Reliable export of data to third-party systems or software.
- **Monitoring of Utilities:** Perfect for collection and transfer of data from utility meters in smaller buildings and apartments.
- **Residential applications:** A small footprint and PoE makes it ideal for small installations.
- **Heat Interface Unit Monitoring:** Ideal for monitoring Heat Interface Units (HIU) in apartments.

## Drivers available in the SIP2 hardware

SIP2 is a multi-protocol hardware platform and allows a maximum of four drivers to be used per device from the selection below.



## SIP2 hardware features

- Available in 100, 300, 600 point variants
- Small footprint
- LED's for power, Bus activity, Health and Comms
- 1 x RS485 connection
- 1 x RS232 connection
- 1 x M-Bus protocol (up to 60 unit loads)
- 1 x Digital Input / Pulse counter
- Power over Ethernet (PoE)
- DIN rail mounting



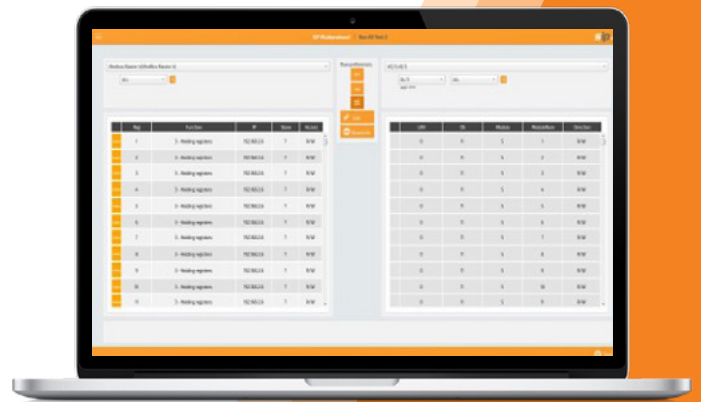
## Commissioning and support

As with all Synapsys products and software solutions, Our SIP2 hardware devices have been designed to be simple to deploy and use.

Our Commissioning engineers, Software and Technical support teams are available to support installation and set-up, right through to handover to the end user.

We also provide customers with access to our SIP Integrator support website, which contains all of our technical data sheets and information about our latest technical updates.

Through our SIP Integrator support website we also give customers access to our catalogue of free SIPEasy files which simplify the commissioning and configuration of our products, saving you time and money.



## SIP2 product range

Order code	Description
SIP2/100P	Interfacing or data capture of up to 100 points from field-bus, metering or plant. Maximum of 4 drivers selected by the user.
SIP2/300P	Interfacing or data capture of up to 300 points from field-bus, metering or plant. Maximum of 4 drivers selected by the user.
SIP2/600P	Interfacing or data capture of up to 600 points from field-bus, metering or plant. Maximum of 4 drivers selected by the user.

## Want to know more?

If you would like to know more or have any questions about our SIP2 hardware and its capabilities, please contact your local Synapsys Account Manager, call us on **01444 246 128** or email us at [enquiries@synapsys-solutions.com](mailto:enquiries@synapsys-solutions.com).

For more information about Synapsys and our product range please visit [www.synapsys-solutions.com](http://www.synapsys-solutions.com).

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