

SIP+ Data IF - Unleash the power of smart data

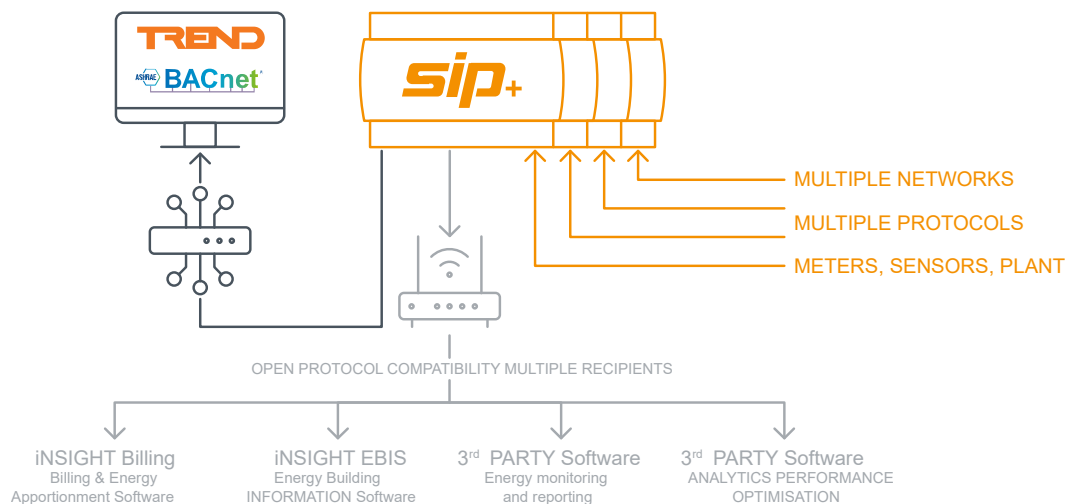
Empowering better building performance

Overview

Data acquisition has been made simple with our multi-protocol SIP+ Data IF Acquisition hardware. The hardware extracts data from Building Management Systems, plant, sensors, meters, etc. for analysis and/or integration with other systems and platforms such as our own iNSIGHT EBIS/Billing and/or third parties.

The innovative SIP+ Data IF Acquisition product gathers high volumes of near real-time data from a wide variety of plant, sensors, meters and systems such as gas, electricity, temperature, biomass, humidity, power usage meters etc. at regular intervals. Reports can then be generated and sent via e-mail, FTP, securely by SFTP, FTPS or queried directly via MySQL to many third party system such as a data analytics or billing provider and can be interfaced to a Trend, BACnet or Modbus BMS.

SIP+ Data IF is a simple solution for a complex process, offering a flexible and cost-effective solution designed for receiving and transmitting data via multiple protocols such as Modbus, M-Bus, BACnet, Trend and IoT (MQTT and REST).

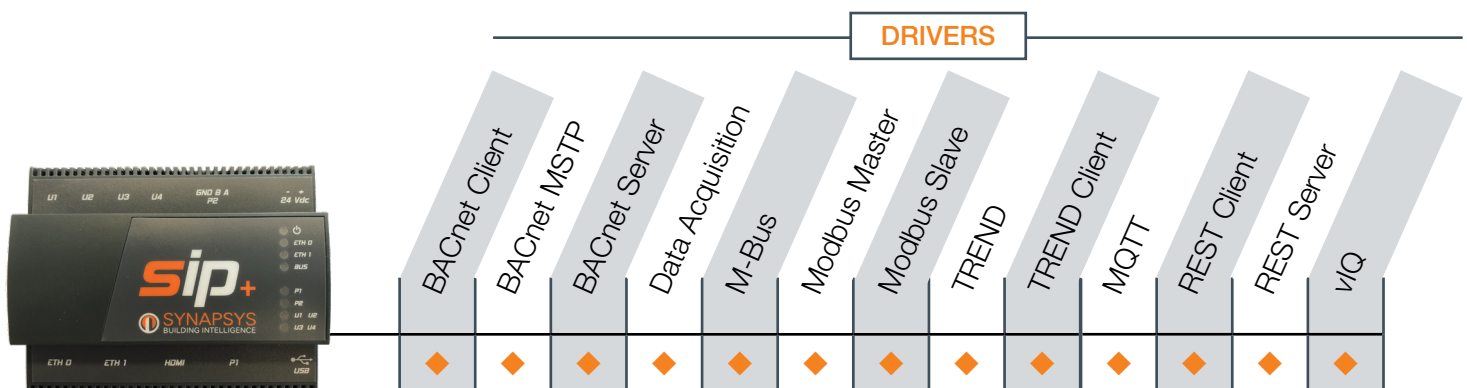


SIP+ Data IF hardware

- Cost-effective on-site data acquisition and transfer solution
- Easy to install and commission, hardware based system
- Straightforward to retrofit, no downtime
- No ongoing licenses or maintenance fees
- Enables high volume, real time smart data exchange
- Data export via CSV, mySQL

Drivers available in the SIP+ Data IF hardware

SIP+ Data IF is a multi-protocol hardware platform supporting the drivers indicated below for data integration and acquisition.



SIP+ Data IF variants and reporting

Available in 500 / 1000 / 2000 / 4000 / 6000 input point variants and fully compatible with our SIPslice M-Bus and SIPslice Serial products making it even easier to integrate your building plant and systems.

Reporting from the device is to a maximum of 20 recipients, via Email or FTP (inc. secure FTP). Various reporting formats available from the device include

- Standard (1 file per point)
- Single file (1 file all points horizontally)
- Billing/Half Hourly Log file (1 file per point, Synapsys Solutions SaaS compatible)
- Single file Vertical (1 file all points vertically, 50 Datapoints per Recipient)
- Single file Grouped (1 file all points according to defined group requirements)

Commissioning and support

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

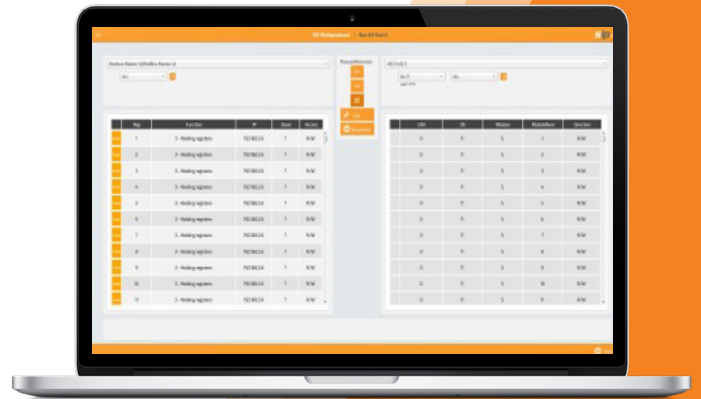
Our Commissioning engineers, Software and Technical support teams are available to support installation and set-up, right through to handover to the end user.

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.

Data can be collected from

- Building Management and Energy Management systems
- IOT Sensors - EDGE / REST / MQTT
- Presence detection / Occupancy sensors
- Variable speed drives HVAC systems
- Gas / Electricity / Water and Biomass meters
- Humidity / Temperature sensors
- Power usage meters
- Output drives for fans
- HVAC systems
- And many more sensors, systems and plant



SIP+ Data IF product range

Order code	Description
SIP+/DATA-IF/500P	Up to 500 Input points for reporting as CSV files
SIP+/DATA-IF/1000P	Up to 1000 Input points for reporting as CSV files
SIP+/DATA-IF/2000P	Up to 2000 Input points for reporting as CSV files
SIP+/DATA-IF/4000P	Up to 4000 Input points for reporting as CSV files
SIP+/DATA-IF/6000P	Up to 6000 Input points for reporting as CSV files

Want to know more?

If you would like to know more or have any questions about our SIP+ Data IF hardware and its capabilities, please contact your local Synapsys Account Manager, call us on [01444 246 128](tel:01444246128) or email us at enquiries@synapsys-solutions.com.

For more information about Synapsys and our product range please visit www.synapsys-solutions.com.

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Synapsys Solutions Ltd
No. 1 Woodlands Court, Albert Drive,
Burgess Hill, West Sussex, RH15 9TN

T: 01444 246 128
E: enquiries@synapsys-solutions.com
W: www.synapsys-solutions.com

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