TITAN Products Ltd.

TPZ-Net

Wireless Monitoring for your Building Management System

Simplify the complex™

WIRELESS SENSING

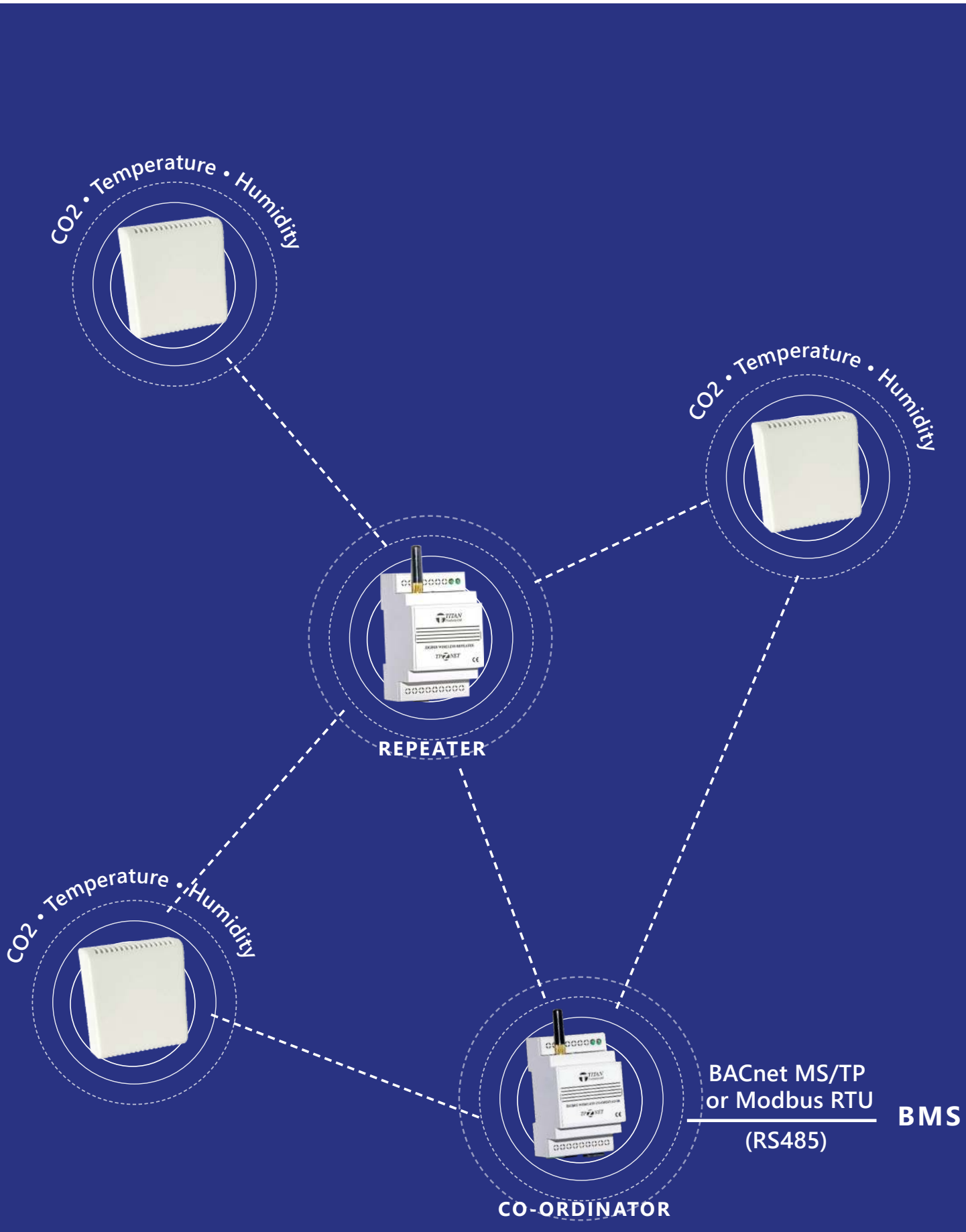
At Titan we believe is making things simple. Our TPZ-Net wireless monitoring platform is designed to provide an on-premise solution to allow you to seamlessly add wireless monitoring to your Building Management System (BMS) in minutes.

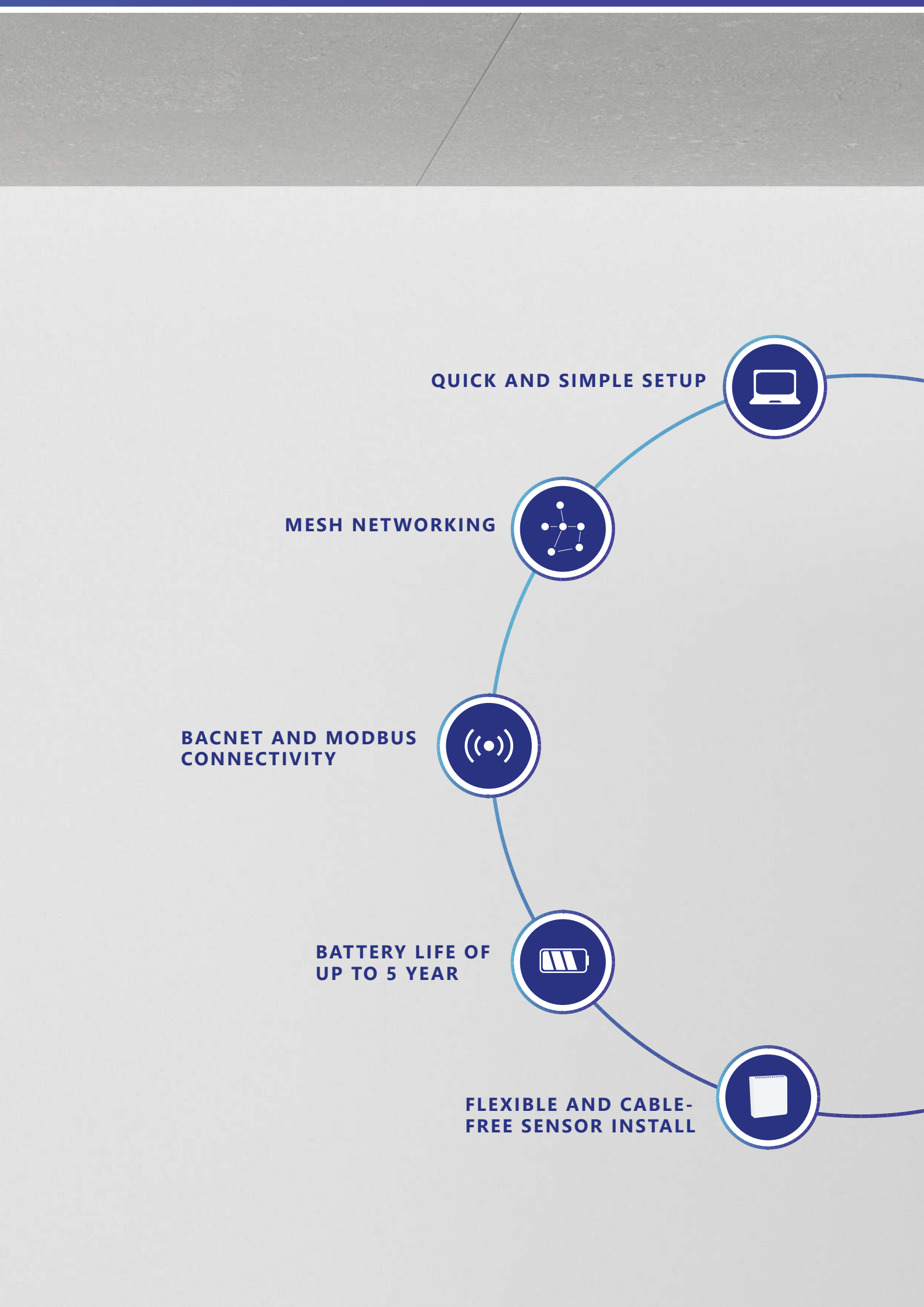
Offering battery powered wireless sensing for Temperature, CO2 and Humidity, the TPZ-net sensor devices wirelessly communicate to the network co-ordinator which exposes all network data onto a BACnet MS/TP or Modbus RTU communications to be integrated into your BMS or network.

The system supports mesh networking to provide a reliable network infrastructure without the cost of wired sensors.

THE RANGE

- **ROOM SENSORS**
  For Temperature, Humidity & CO2 monitoring
- **CO-ORDINATOR**
- **REPEATER**
- **PC COMMISSIONING TOOL**
- **SITE SURVEY KIT**


CO2 • Temperature • Humidity
CO2 • Temperature • Humidity
REPEATER
CO2 • Temperature • Humidity
BACnet MS/TP
or Modbus RTU
(RS485)
BMS
CO-ORDINATOR


QUICK AND SIMPLE SETUP
MESH NETWORKING
BACNET AND MODBUS CONNECTIVITY
BATTERY LIFE OF UP TO 5 YEAR
FLEXIBLE AND CABLE-FREE SENSOR INSTALL

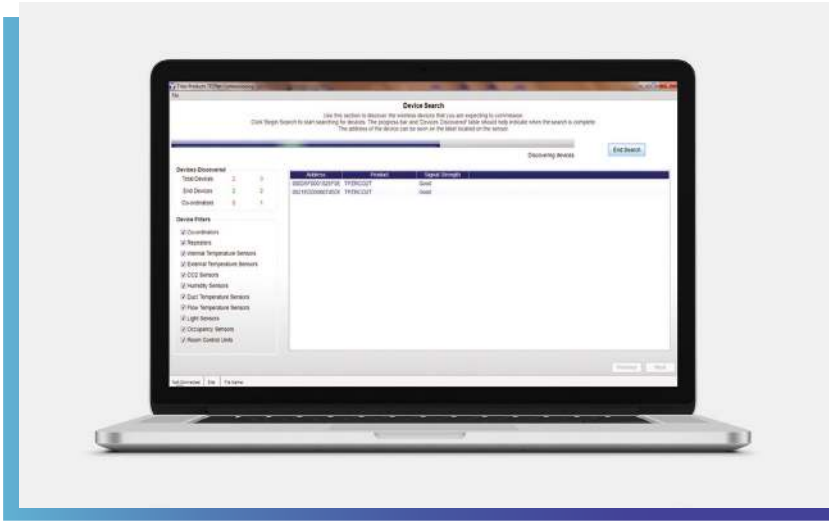
SITE SURVEY KIT

A hand held, battery powered Site Survey Kit is available to allow testing of the signal strengths around the building even before power is available.

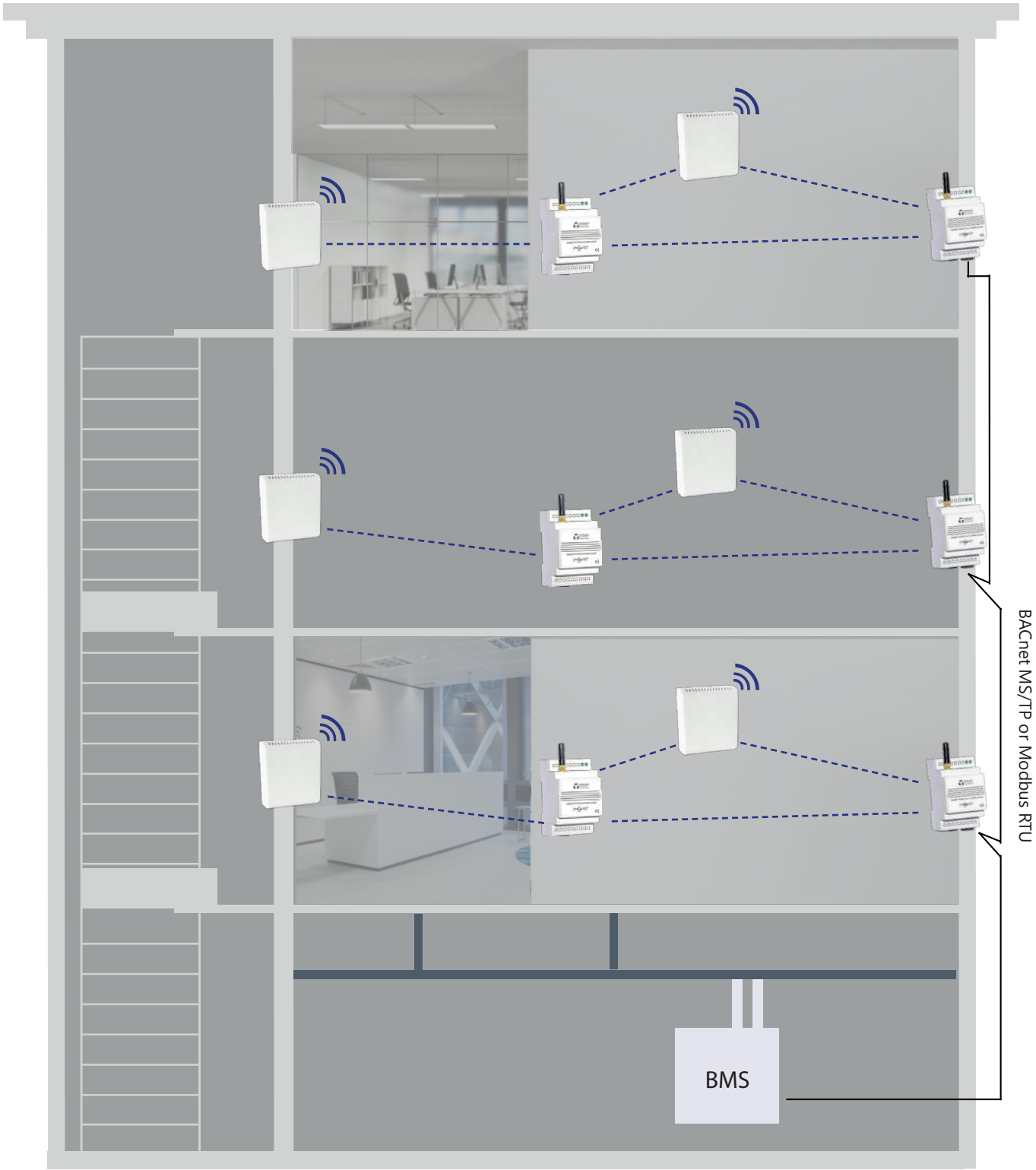
The two-piece site survey kit, comprising of a hand held transmitter and re-chargeable receiver, allows the user to easily test the signal strengths of all sensor types by giving a simple traffic light LED indication of signal strength at the push of a button.

EASY SETUP THROUGH PC SOFTWARE

All sensors are linked to a network co-ordinator via our own bespoke PC commissioning software which is simple and intuitive to use.Wireless networks can be quickly and easily setup, reducing install time, while it is extremely easy to add, remove, replace or edit sensor settings using the software.



SYSTEM OVERVIEW



The NetMaster TP-NM-D can be added for BACnet MS/TP to BACnet/IP routing