



SiMAP Base Station.



Wireless sensor for measuring indoor carbon dioxide, temperature and relative humidity.



Wireless sensor for measuring indoor temperature and relative humidity.



Wireless sensor for measuring indoor atmospheric pressure.

....And other sensors...

Buildings with SiMAP



Shopping mall.



Office building.



Residential complex.



Residential building.

SiMAP



The Wireless Building-wide Measurement Solution for any Building

- Easy to install, one base station covers even a large building
- > 1000 sensors per base station, > 10-year battery lifetime, 10-minute transmission interval
- Easy connectivity with building automation and in the cloud



SiMAP

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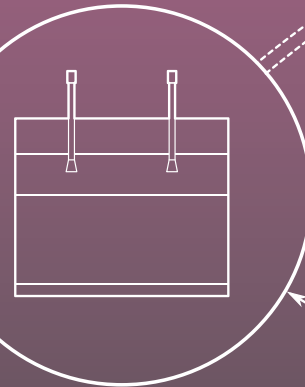
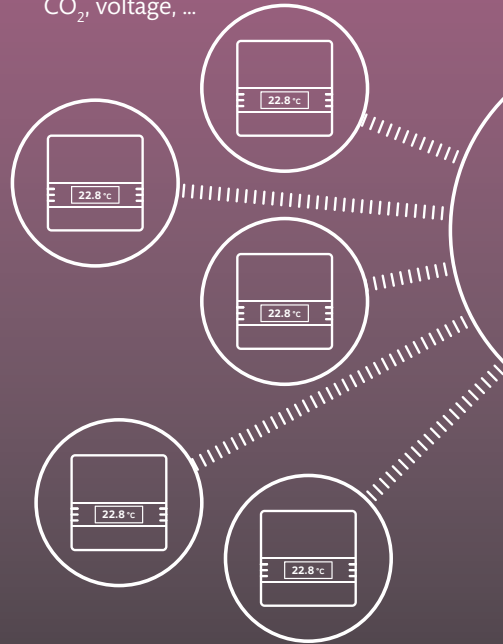
Over 50 000 sensors in action!

SiMAP Measurement Network

- * Independent building-wide network, no need for an external operator
- * Full cost transparency, no hidden or delayed costs
- * Can be easily installed in any building regardless of its size, age, use, or construction
- * Can be used in high-security buildings

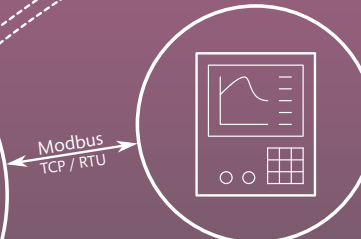
SiMAP Wireless Sensors

- * Already over 50 000 sensors in use
- * Battery lifetime over 10 years with 10-minute transmission interval
- * Sensors for all needs: temperature, humidity, differential pressure, CO₂, voltage, ...



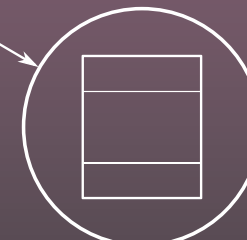
SiMAP Base Station

- * Up to 1 000 sensors with one base station
- * One base station covers even a large building
- * All measurement data may be stored locally



3rd Party Building Automation

Modbus
TCP / RTU



SiMAP Heating Controller

- * Controls the heating system by indoor temperature

3rd Party Cloud

SiMAP

SiMAP Cloud Services

- * Data storage optimized for building measurement data
- * Full history stored without deleting or compressing
- * Fast and easy API
- * Web-based user interface
- * Building blocks available for customer's own cloud