

# Bus depot

## Control and monitoring system for heat maintenance and positioning of depot-deployed buses

The TermoSense® system is installed as a complement to existing systems and provides considerable financial savings, as the buses' heat maintenance is optimized for precise temperature and energy consumption.

In addition, the system informs about where the bus is parked, which helps drivers and depot staff to find current bus.

### This is how it works

When the driver parks a bus at a ramp, wireless connection between the bus and ramp unit is established. The bus's temperature control unit controls the mounted ramp unit to the desired energy supply for heat maintenance and also sends information about temperature, alarm status and ramp position to the internet-connected base station.

In such a way, management personnel will be able to control the heating status, alarms (also via SMS alarms), and which buses are parked on ramp and which are in service. The starting battery charge in the bus and from the ramp is also monitored.



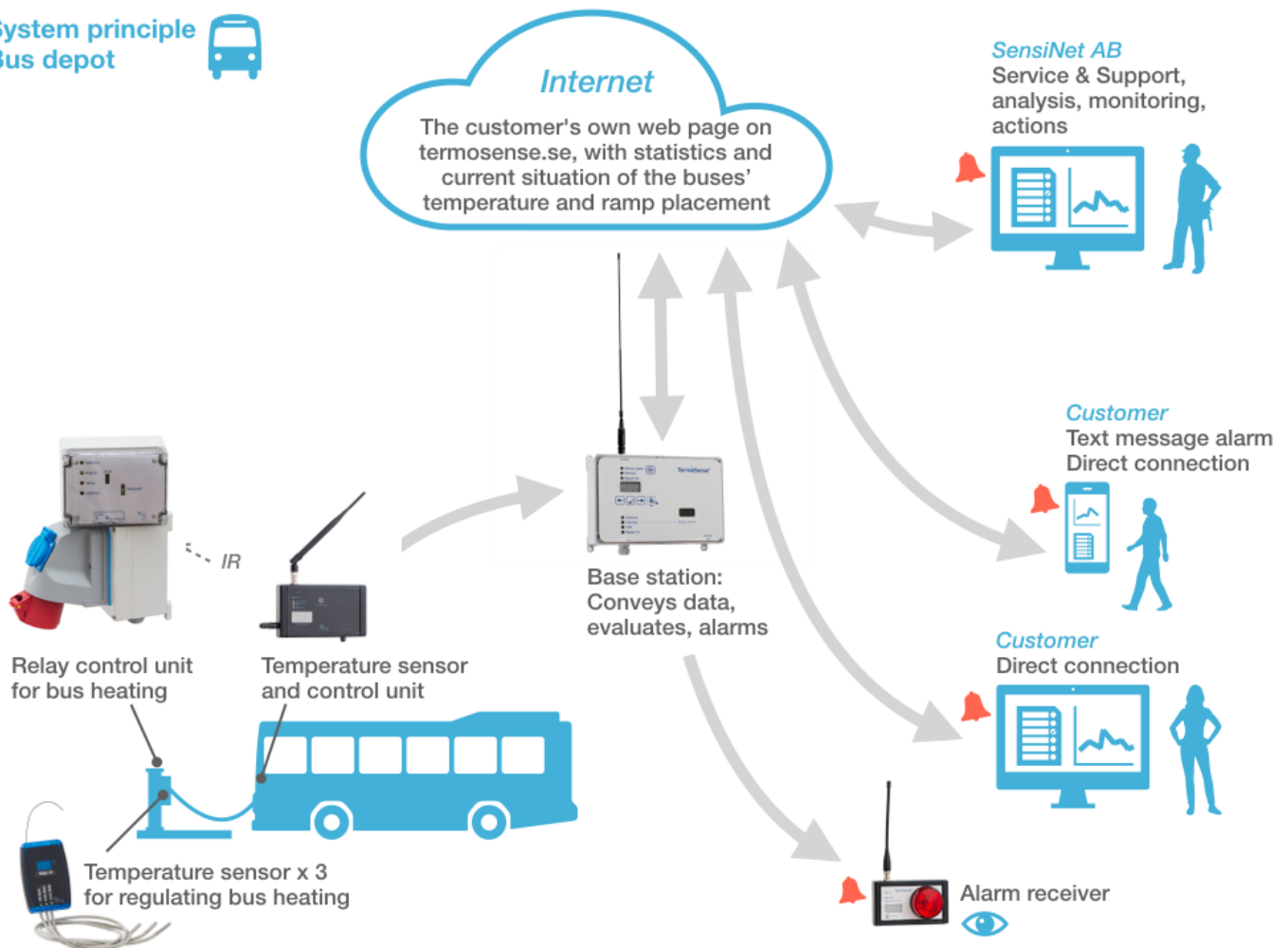
The system also includes a customer's own page on [termosense.se](http://termosense.se) where all information is continuously logged and recorded. In addition to the present, it is easy to step back to see status and charts from any period of time.

### Monitoring and analysis of ramp heat supply systems

If necessary, some ramp cabinets can be fitted with a temperature sensor that measures temperatures at three points. TermoSense® system can then analyze the condition of the ramp heat supply system and warn of errors and potential risks, facilitating measures for the best economy and that the buses are operational.

## TermoSense® system description

System principle  
Bus depot



v1.4

SensiNet

The wireless sensors are the basis for the TermoSense® system. They are tight, durable and almost maintenance-free with up to 17 years of battery life.

The intelligent base station gathers all the measured values and generates alarms when something deviates, and sends data to your customer page at termosense.se via the Internet, where you get a good overview of your current system status and also statistics charts.

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