

# LoRaWAN Radiator Thermostat DEOS TEO

## Reduce energy consumption by up to 40 percent – quickly and easily

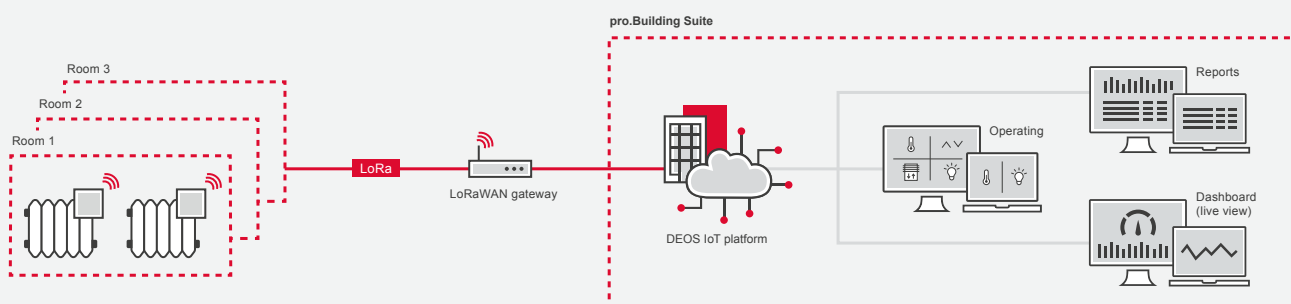
Optimising heating costs in functional buildings such as schools, offices or hotels offers enormous savings potential, because more than 65 percent of building operating costs are generated by heating. Therefore, intelligent motor-driven radiator actuators are indispensable.

With our wireless-networked radiator thermostat DEOS TEO (Thermostat for **E**nergy **O**ptimisation), the annoying turning up and down of radiator valves is a thing of the past! Replace your old heating thermostats with our patented LoRaWAN wireless thermostat and enjoy a perfect feel-good climate. And the best part is that you simultaneously reduce your energy costs by up to 40 percent. Especially with rising heating costs, this is more important than ever. The thermogenerator charges the integrated battery through the heat of the radiator. This enables self-sufficient and maintenance-free operation, as no batteries need to be replaced.



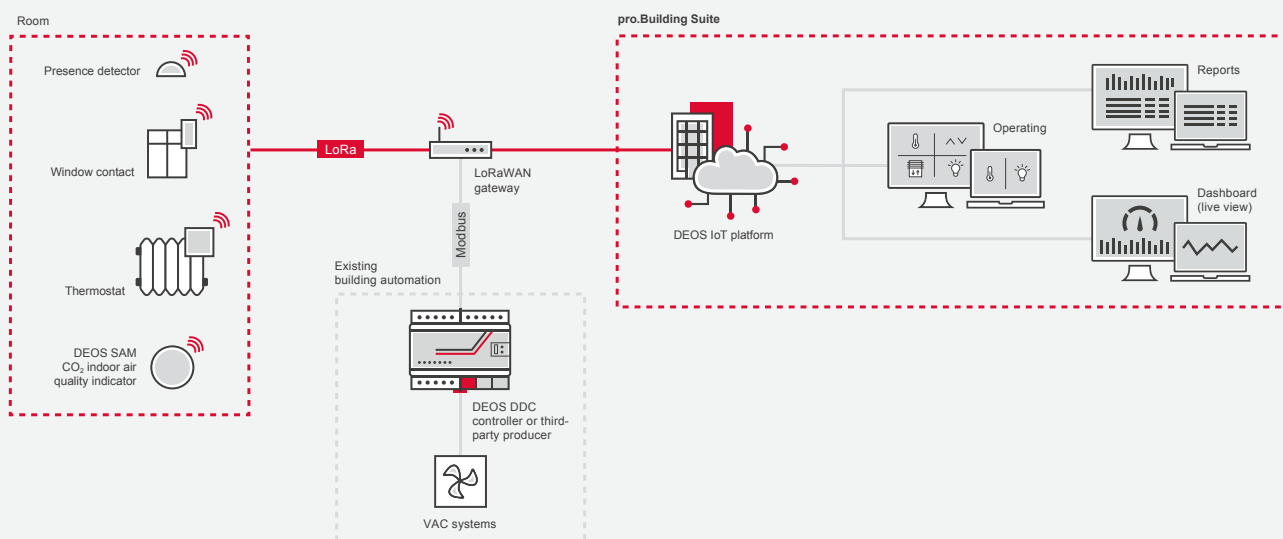
### Time programs maximise your efficiency

Customisable time programs such as the working hours and holiday calendar or overnight temperature setback, provide central, automatic control of the temperature for predefined rooms, floors or entire buildings. In our IoT platform – the pro.Building Suite – the current room temperature and the operating mode of the thermostat can be read and changed. Operation is easy via standard browser on the smartphone, tablet or PC.



## Turn your building into an energy-saving monster

DEOS TEO can significantly reduce heating costs, especially in older buildings. Our radiator thermostat is only the first step in turning your existing building into a post-digitalized smart building. Link DEOS TEO with other LoRaWAN wireless sensors such as presence detectors, door and window contacts or multi-sensors to determine the room temperature: if offices are unoccupied for a lengthy period of time or windows have not been closed, the heating output is automatically reduced. In this way, you tap further energy-saving potential and maximise your energy efficiency. In addition, DEOS TEO is manufacturer-neutral and can be integrated into an existing building automation system.



### DEOS TEO – the smart thermostat

- ✓ **Self-loading** – thanks to integrated thermogenerator
- ✓ **Easy installation** – universal connection adapter for common valves
- ✓ **Access on the go** – via web browser
- ✓ **Conversion during operation** – thanks to LoRa wireless connection

### Expandable to a complete DEOS solution

- ✓ **Expandable** – with further sensor functions
- ✓ **Cost-effective** wireless network structure
- ✓ **Energy reports** via data cloud
- ✓ **No software installation** setting and operation via web browser

We will be happy to advise you and jointly develop your individual solution. Please feel free to contact us directly and free of charge by e-mail at [it@deos-ag.com](mailto:it@deos-ag.com) or by phone at **+49 5971 91133-3333**.



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