

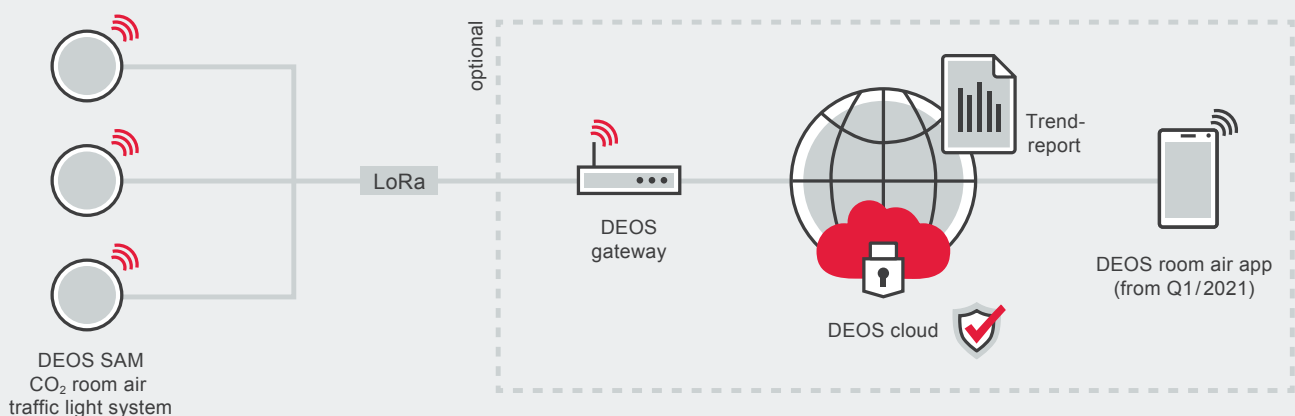


## Room Air Quality Always In View

### With the DEOS SAM CO<sub>2</sub> Room Air Traffic Light System and via App



A high CO<sub>2</sub> content in the room air reduces the ability to concentrate. At the same time, the CO<sub>2</sub> content of the room air is also an indication of the amount of aerosols that contribute to the spread of infections such as the SARS-CoV-2 coronavirus. Regular ventilation reduces the CO<sub>2</sub> concentration and therefore also the aerosol concentration in the room. The DEOS CO<sub>2</sub> room air traffic light system SAM (Sensor-based Air Quality Measurement) shows you the current room air quality in a three-stage traffic light system. With SAM, you can keep a close eye on the indoor air quality in the room at all times and ventilate in a targeted and effective manner. With our trend reports, you will also receive a report on the data recorded by the sensors. In this way, you can always meet your obligation to provide proof and substantiate the optimal indoor air quality.



Schematic illustration

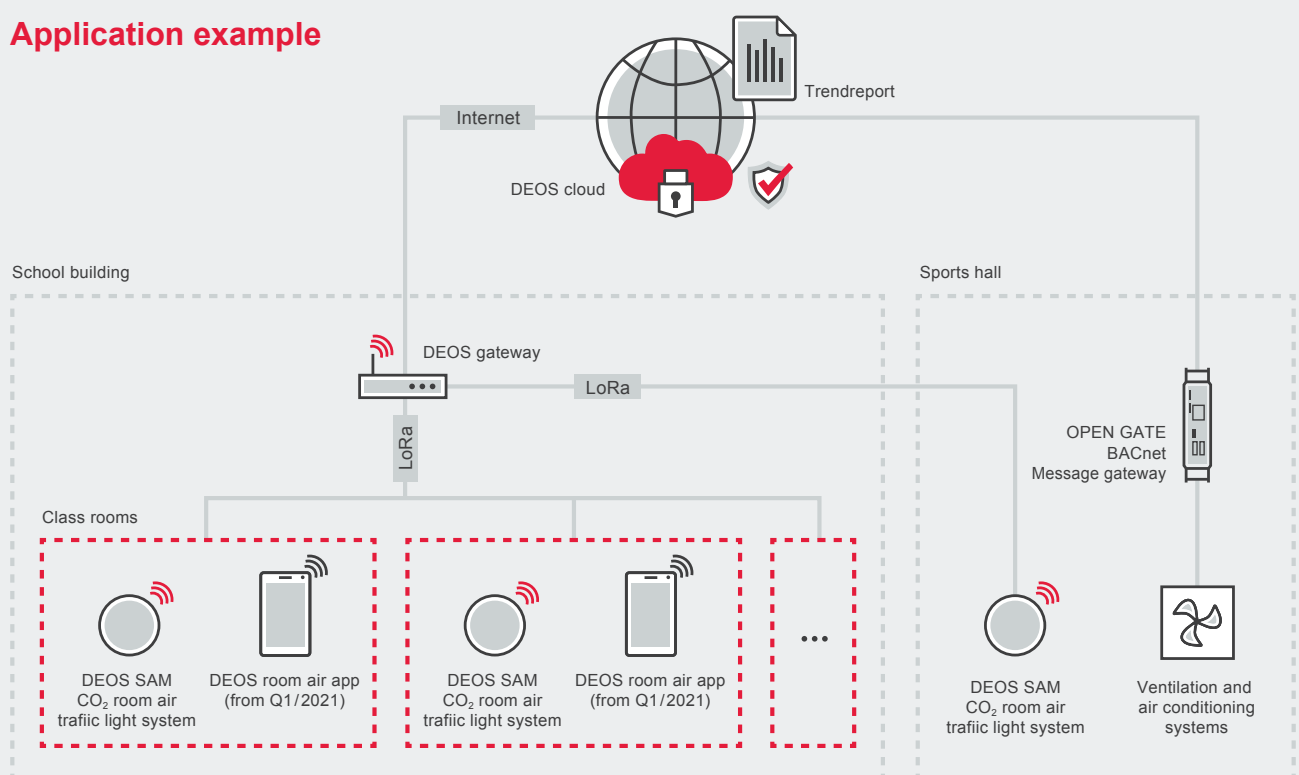
- ✓ Visual representation of the current CO<sub>2</sub> content in the room air using a three-stage traffic light system
- ✓ Acoustic signal when a limit value is exceeded
- ✓ Limit values for CO<sub>2</sub> content are individually adjustable
- ✓ CO<sub>2</sub> Room air traffic lights can be freely placed or fixed on the wall / ceiling
- ✓ Trend recording to provide proof is available
- ✓ Integrated temperature and humidity measurement
- ✓ Transmission of measured values via LoRaWAN

# The DEOS Total Solution

## Corona-compliant conversion of ventilation and air conditioning systems

Use DEOS SAM as a stand-alone device or trust in our total solution: if necessary, you can keep an eye on several rooms or even your entire building via smartphone app and integrate our total solution into your ventilation and air conditioning control systems. If the CO<sub>2</sub> limit values are exceeded, the air supply is automatically adjusted via the air conditioning system. In this way, you always guarantee the optimal indoor air quality and no longer have to manually intervene in the ventilation system.

### Application example



We will be happy to advise you and jointly develop your individual solution. Please feel free to contact our DEOS IT specialists 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.



Volg ons op de sociale netwerken en blijf steeds op de hoogte.