

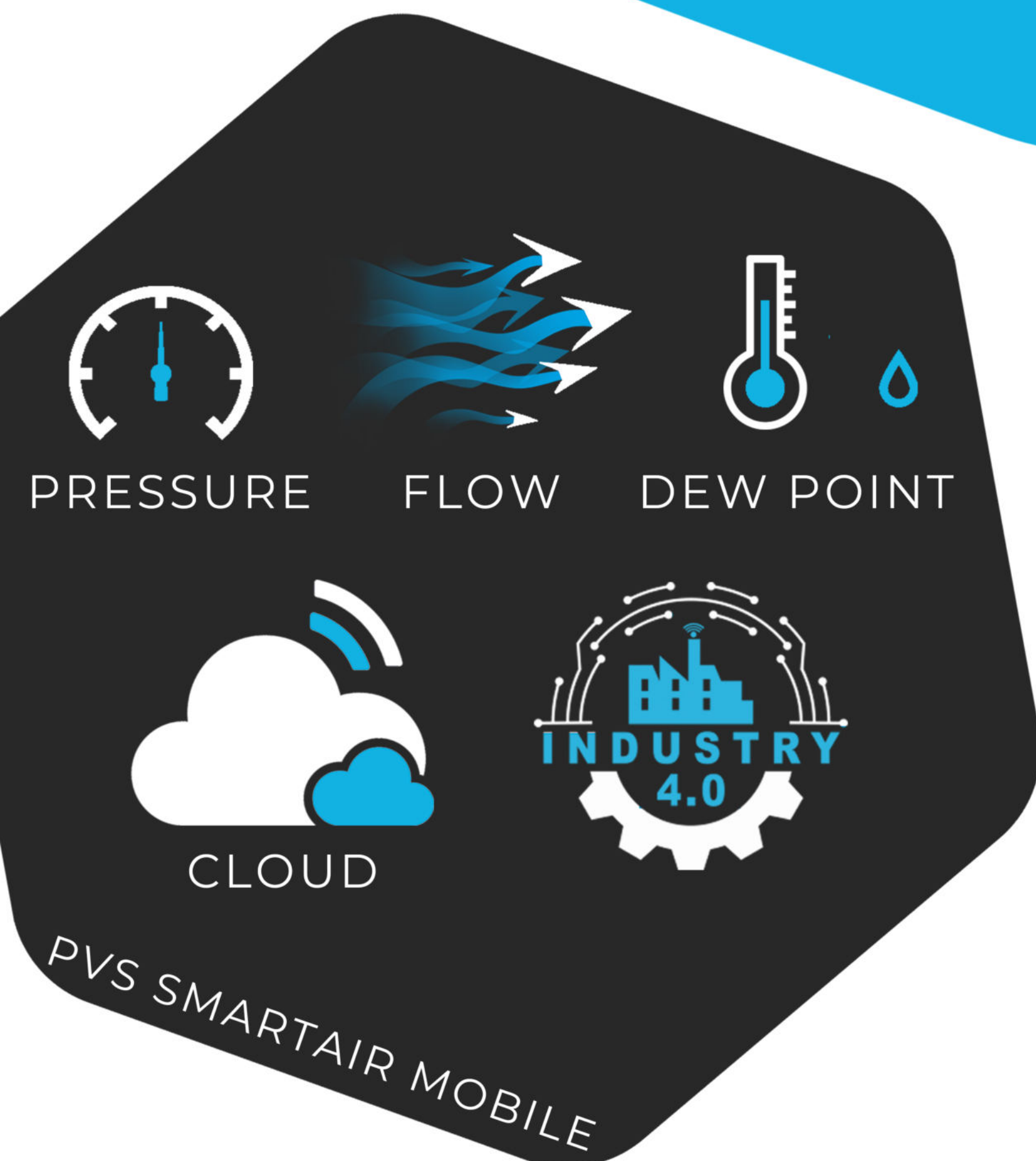


# SmartAir.fi

**PVS SmartAir is an easy-to-use system designed for condition monitoring of industrial compressed air and gases.**

**PVS SmartAir is designed for measurements of industrial compressed air and gas stations**

- flow
- temperature
- quantity
- room temperature
- pressure
- dew point



**Your property has a water meter that reports water consumption. Do you use your compressed air station in such a way that you do not know the quality or quantity of the compressed air consumed?**

**If so, then by using PVS SmartAir you will get all the KPI data effortlessly.**

### **Why get PVS SmartAir?**

**With our product and service, you take control of the costs and quality monitoring of your company's compressed air.**

### **Compressed air leaks, we don't have...**

**Compressed air leaks occur in all plants that use compressed air. According to our research, compressed air leaks in the engineering and metal industry average 30,000 kW per year. This causes both financial losses and CO2 emissions from electricity production.**



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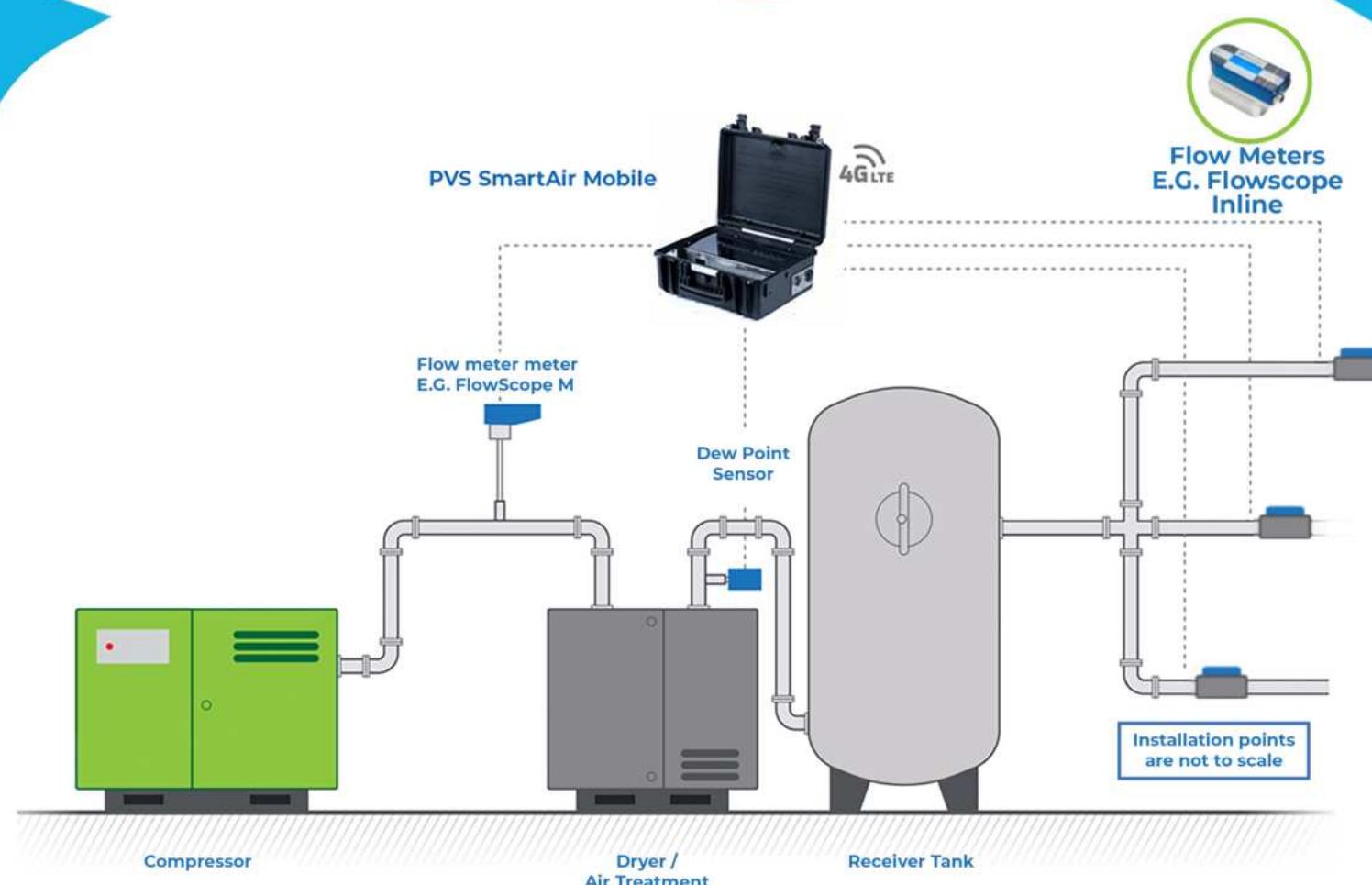


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## Carbon neutrality as a goal

In Finland, goals have been set until 2035, when the country should achieve the goals set for carbon neutrality. In terms of costs, energy loss and CO<sub>2</sub> emissions generated from compressed air, they are of great role.



### Suitable for the following industrial gases:

- compressed air
- helium
- nitrogen
- argon
- oxygen
- also other industrial gases
- carbon dioxide

### How does PVS SmartAir help with quality control?

Factors related to the quality of compressed air include, for example, compressed air system pressure and dew point. Sufficient network pressure means that the company's processes can operate according to the requirements set for them.

Dew point indicates, the moisture content of the compressed air flowing in the network. If the moisture content stays within the limits of the values set for it, the conditions are created for trouble-free production with regard to compressed air, and the functionality of the after treatment can be ensured such as adsorptions dryers.

### Which flow sensor is right for our plant?

We help you to choose the right size flow sensor. If more sensors are needed in the facility, their locations are defined with us.

\*The installation has several different options in terms of sizes starting from 3/8"

\*the measurement range of the flow sensors starts at 0.0 m<sup>3</sup>/min easily over 100 m<sup>3</sup>/min

### What are the differences between PVS SmartAir and PVS SmartAir Mobile?

PVS SmartAir is a stationary condition monitor of compressed air and gases. The duration of the contract is at least two years. If you want to cancel the contract after this and return the devices, it is completely possible. After checking the condition of the equipment at the factory, we will refund part of the purchase price. Based on our experience, we think you want to keep the system.

PVS SmartAir Mobile is a case-mounted measurement system with exactly the same features. The product is available

\*as a service with a minimum duration of 1 month

\*for a rent, also with a contract of at least 1 month

\*acquired as your own, with a minimum 12-month contract

## PVS SMARTAIR MOBILE

• PRESSURE • FLOW • DEW POINT



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