

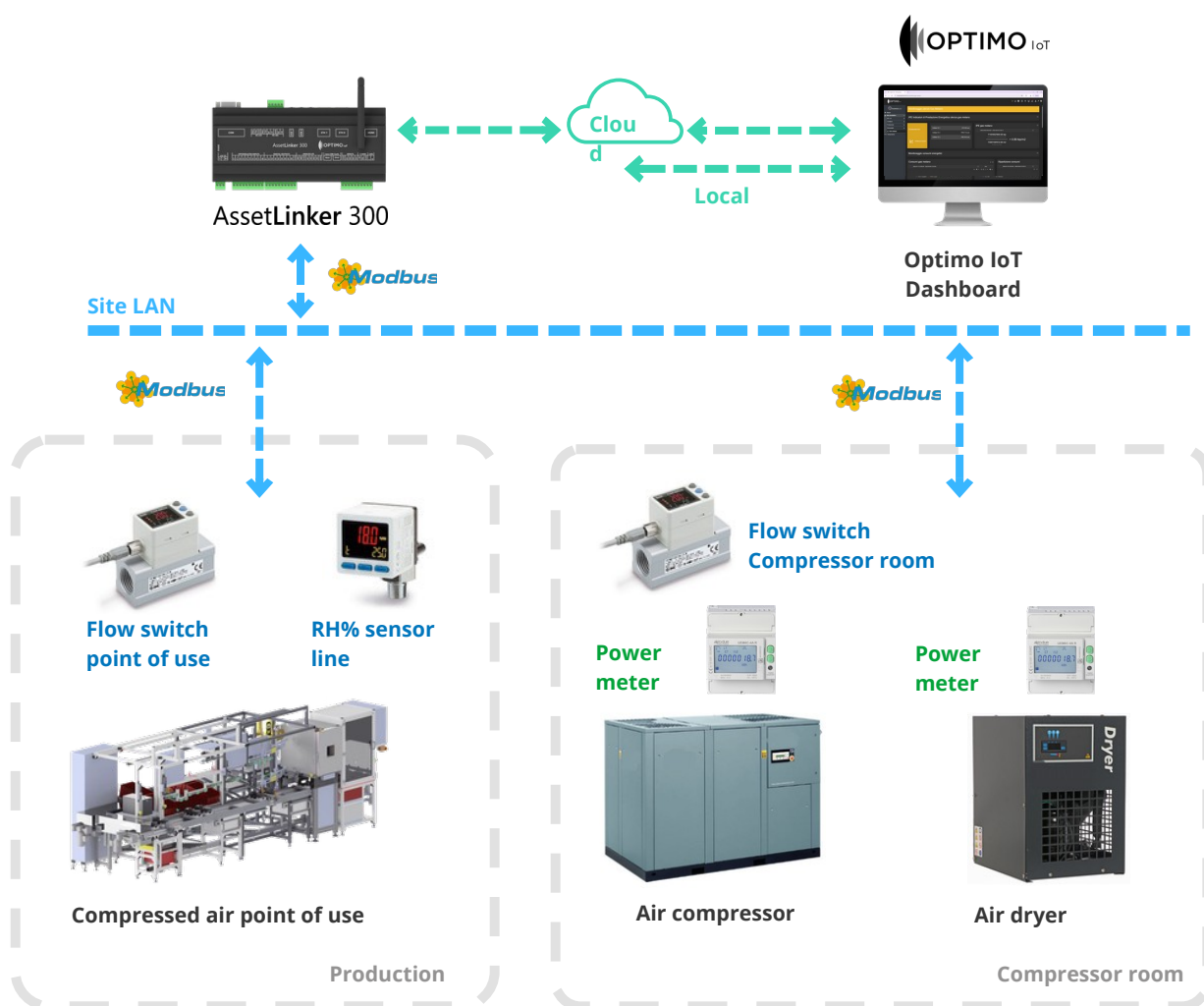
Optimo IoT Compressed Air Kit

Optimo IoT Compressed Air Kit: a complete solution for **monitoring compressed air networks** that lets you track the **consumption** of each point of use and the **power draw** of your compressor room

STEP 1 Installing the monitoring devices

A **flow switch** will be installed at each compressed air point of use to **measure compressed air flow rate**, together with **relative humidity sensors** to detect **condensate in the distribution network**. The compressor room will also be fitted with **power meters** to monitor the **power draw of compressors and in-line dryers**.

All monitoring devices are connected via **Modbus TCP/IP** to our **AL300 gateway**, which acquires the readings and transmits them to our remote-monitoring cloud platform **Optimo IoT**.

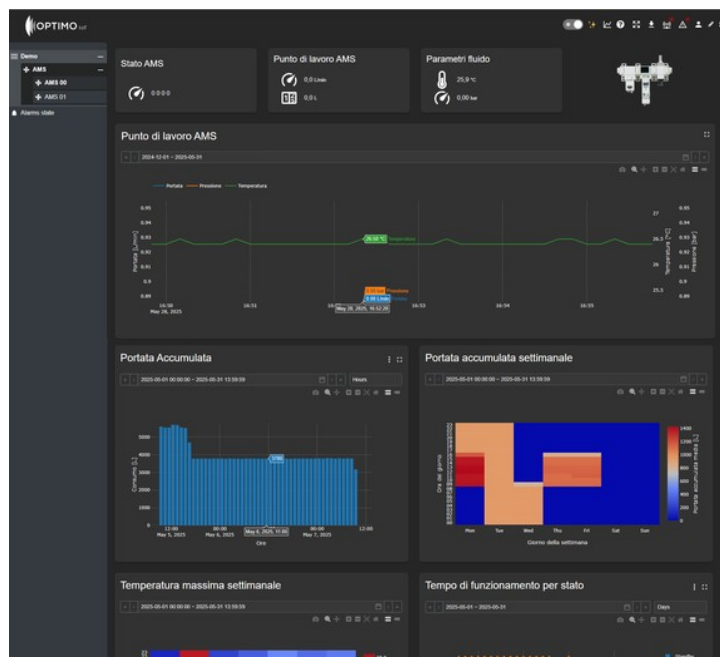


STEP 2 Monitoring data on the dashboard

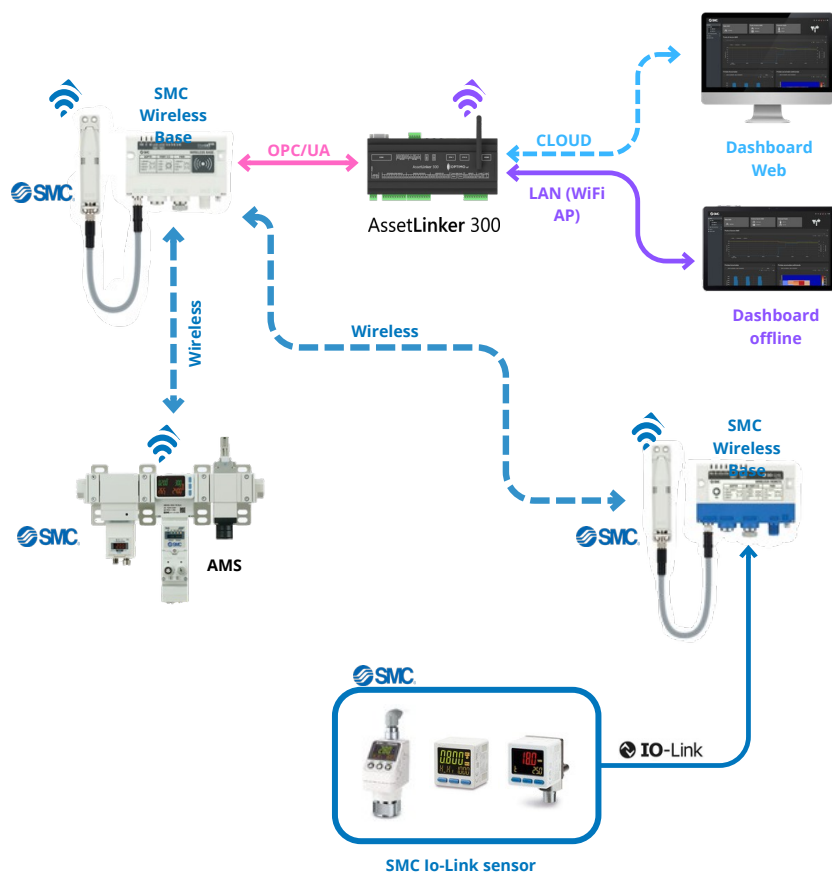
Data acquired by the **AL300** is monitored in real time on the **Optimo IoT platform**, using the local offline display interface or our **cloud** service

Data can also be sent via **OPC UA** or **HTTP API** to your site supervision system or to other platforms

Monitor all your plants from a single, **fully customisable cloud interface**, calculate **KPIs**, send **email and SMS alerts** in case of anomalies and generate **custom PDF reports** sent automatically to dedicated mailboxes



Advanced compressed air optimisation solutions



Through our partnership with **SMC** we can develop **advanced solutions for monitoring and optimising compressed air networks** using equipment from the **Air Management System range**

- automatic control of compressed air flow to each point of use
- reduced compressed air losses during stand-by
- **wireless connection** of monitoring devices
- monitoring of **line parameters**

