COSMO Smart Asset

HIGHLIGHTS

▶ Smart Assets in your Pocket
▶ Mobile condition monitoring
▶ For condition-based maintenance
▶ Trigger maintenance orders in ERP
▶ Overview across multiple sites and systems

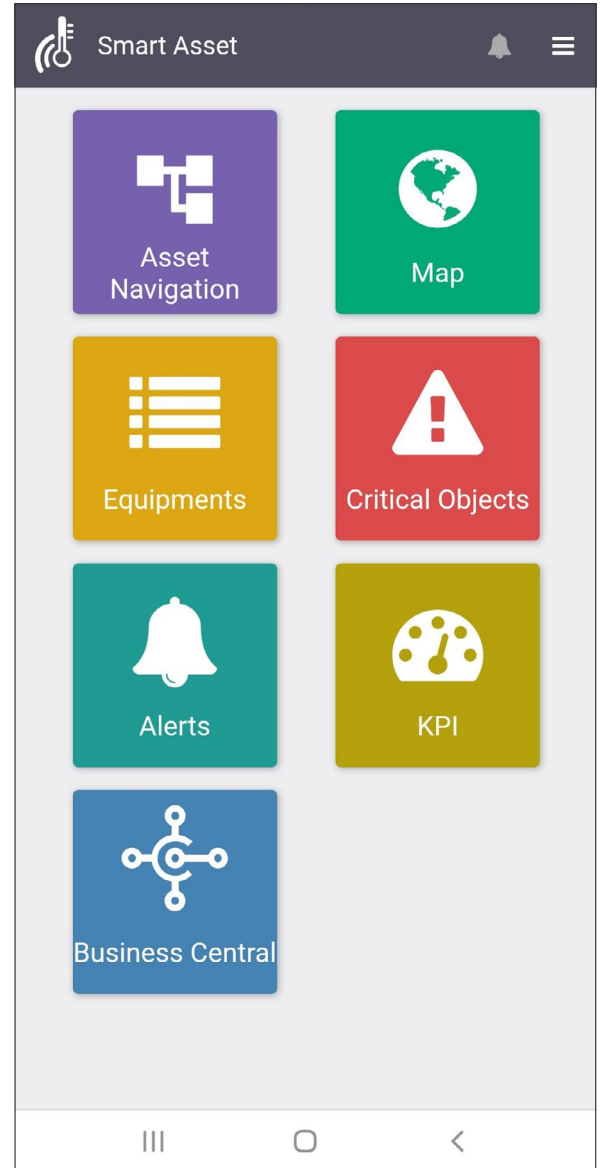## ANYTIME AND EVERYWHERE INFORMED ABOUT THE CONDITION OF EQUIPMENT

The **COSMO Smart Asset** application is a mobile web app in the Azure Cloud. With information provision, as is common with the "Smart home", the properties of equipment monitored with IoT sensor technology are mapped.

The app provides the most important telemetry data at a glance. Critical values and warnings are highlighted visually.

Telemetry is the "eyes and ears" data that IoT device applications provide and that is usually collected by the sensors.

The focus of **COSMO Smart Asset** is on the quick navigation to the relevant pieces of equipment. For this purpose, a search function, hierarchical lists and quick access to sensors with critical data are offered.

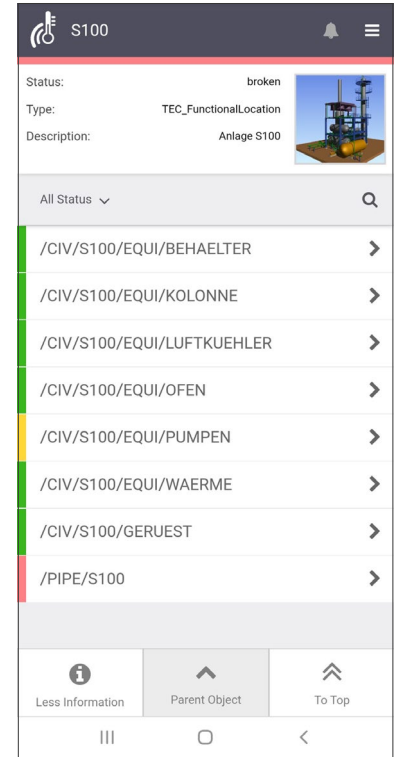It is also possible to access the individual equipment directly via QR codes
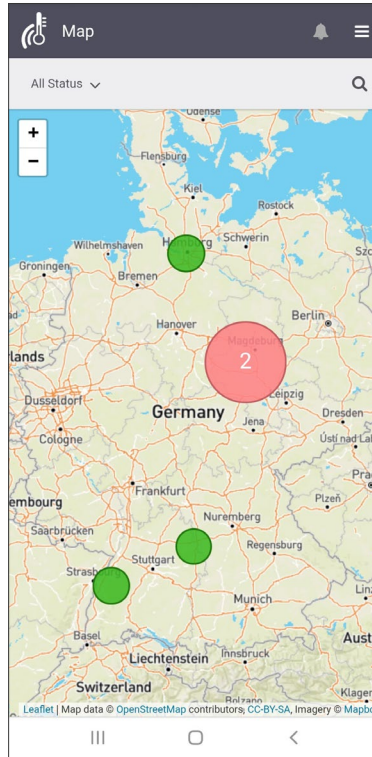.

Smart Asset App Home Screen

COSMO Smart Asset

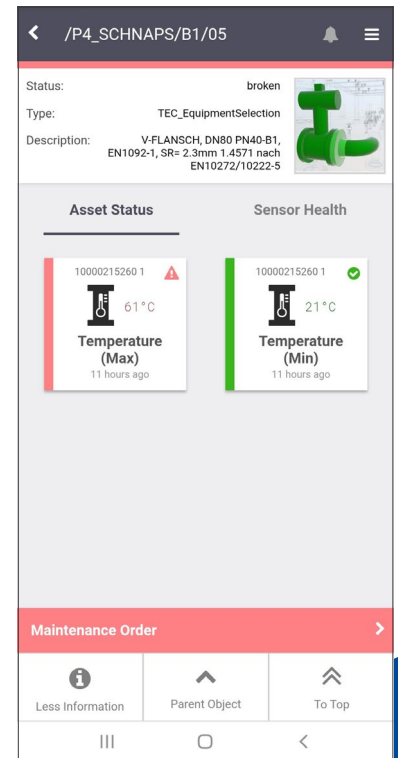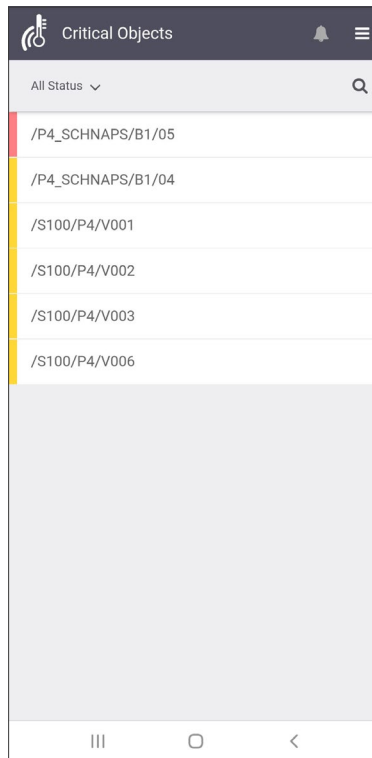**Mobile condition monitoring
of equipment**

QUICK INTUITIVE NAVIGATION

Various navigation options can be used to call up the specific pieces of equipment or components: Asset navigation via the functional location structure, the site plan, the types of equipment, a list of critical equipment or an alarm list.
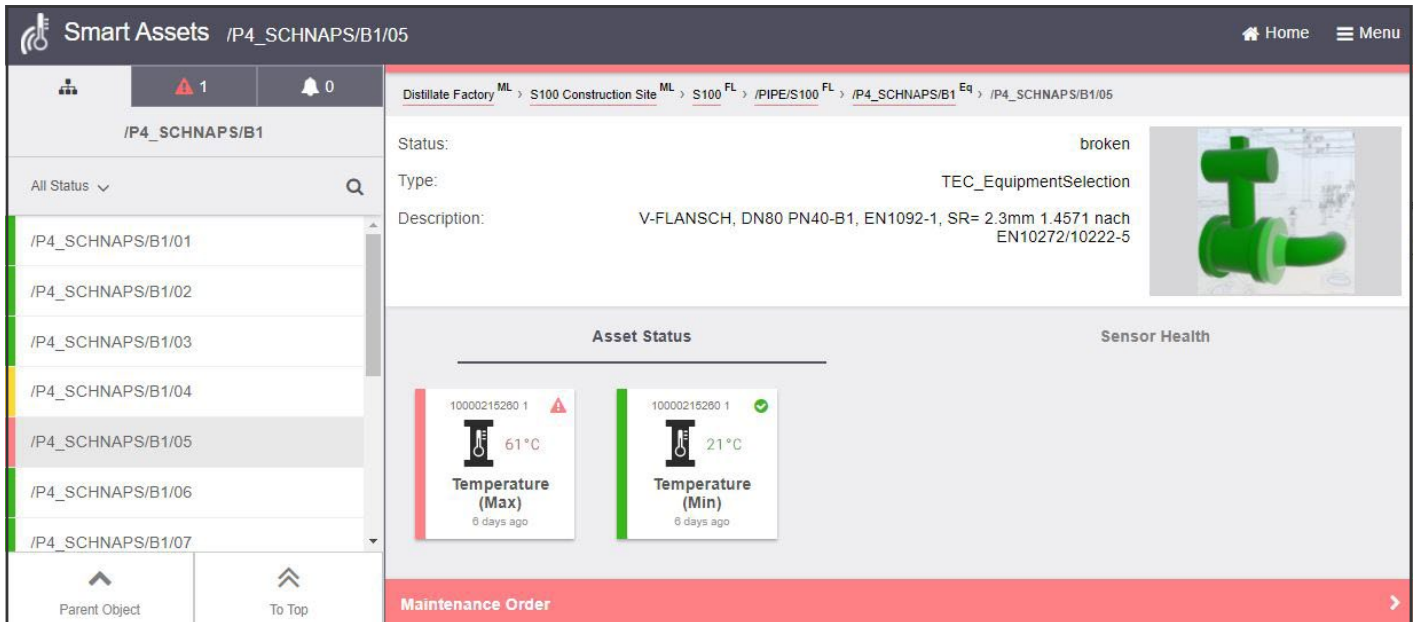

Navigation via site plan or plant structure

With the help of the map, the data of the individual production sites can be called up. From there, a deeper entry is possible via the plant structure in list form. Units and, if applicable, assemblies then point the way to the individual pieces of equipment.
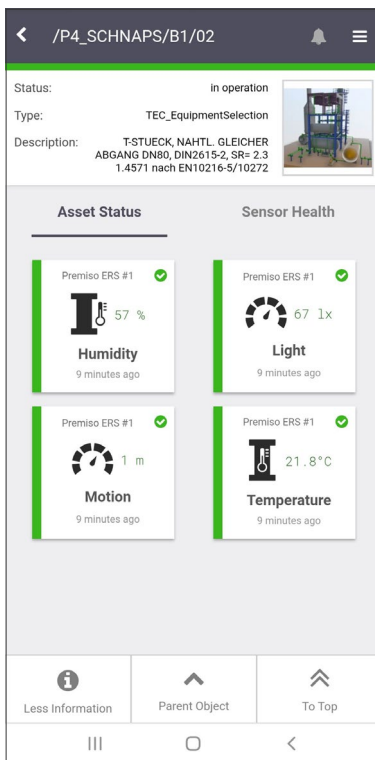

Navigation with lists of critical objects

Further entry options are the list of critical objects or the alarm or warning list.

Navigation in the **COSMO Smart Asset** app (desktop view)

Overview of the available data for the equipment/part

THE CONDITION OF THE EQUIPMENT AT A GLANCE

The user can record and check the important data on the equipment or component (e.g. temperature, wall thickness, leakage, etc.) at a glance.

This includes the status of the equipment, the type of equipment, the designation, if applicable an illustration and in particular the current sensor data for a characterisation of the condition.

DATA HISTORY ANALYSIS

In the event of a malfunction, limit violation or other anomaly of a piece of equipment, it is helpful to view the data history of the sensors connected to the equipment in order to clarify the causes. **COSMO Smart Asset** app helps to achieve that.

CONNECTION TO THE ERP SYSTEM FOR THE CREATION OF MAINTENANCE ORDERS

If the cause of the malfunction or anomaly could be determined with the help of the **COSMO Smart Asset** app, it is possible to switch to the ERP system (e.g. Business Central) in order to trigger a maintenance order there, for example.
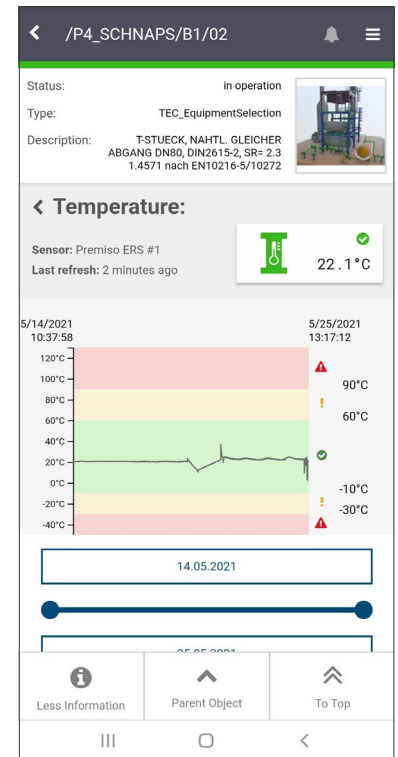
TARGET MARKETS

▸ Oil and gas industry
▸ Process industry
▸ Chemical industry
▸ Food industry
▸ Energy industry
▸ Manufacturing companies in general

Detailed view of data history for a sensor value

ADDITIONAL ADD-ONS
(complementary solutions for this product)

▸ With **COSMO Sensor Management**, new structures can be created, new assets registered and sensors added. Continuous maintenance and deletion of existing data is thus guaranteed.
▸ Calling up the COSMO Business App via the **COSMO Contractor Portal** is generally possible.
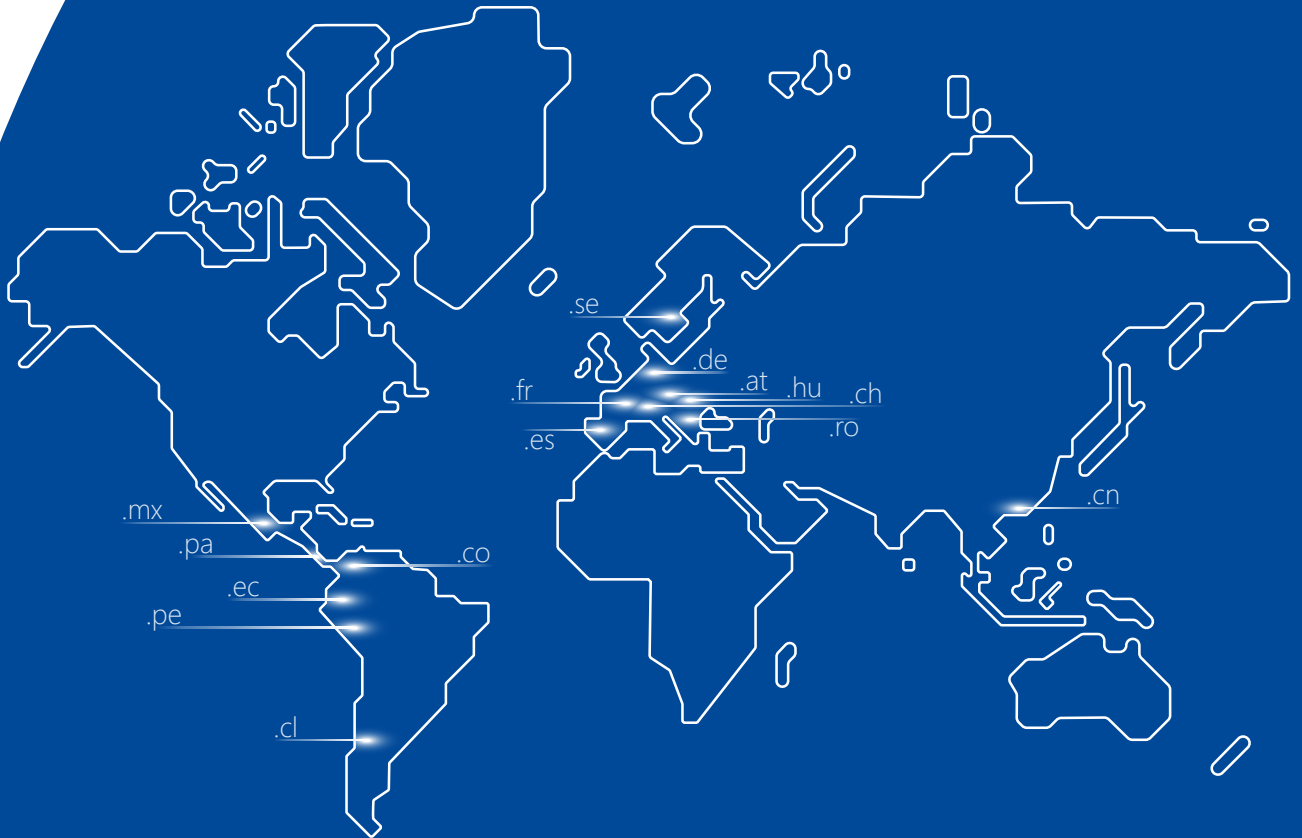▸ The **COSMO Smart Asset** app can be seamlessly integrated into the **COSMO Contractor Portal**.

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