

BIG DATA WITH EWON – THE INTERFACE MAKES IT POSSIBLE

THE CUSTOMER

ASCO offers complete solutions in CO₂ and dry ice, including the fabrication of dry ice plants, in more than 100 countries. With their headquarters in Romanshorn (Thurgau, Switzerland), and subsidiaries in Germany and the USA, they have been helping their customers with all their CO₂ and dry ice needs for over 130 years.

THE INITIAL SITUATION

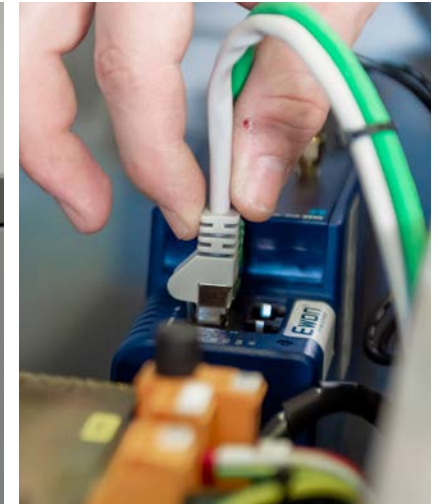
Up to now, the customer had used the Ewon Cosy in dry ice plants for remote maintenance. This VPN router supports communication via a specially specified connection point, the Talk2M server. As ASCO's customers want connectivity to a cloud – the Microsoft Azure Cloud – the Ewon Flexy is being considered as a successor.

PROJECT REQUIREMENTS

- ▶ Alarm and condition monitoring of the dry ice machine via Microsoft Azure Cloud
- ▶ Maintaining the installation size and thus ensuring cost-saving product replacement.
- ▶ Saving the process data on the Microsoft Azure Cloud
- ▶ Ability to evaluate and analyse process flows

BACHOFEN'S SOLUTION

Bachofen is a specialist in remote maintenance and IIoT solutions. With its in-depth knowledge of the IIoT gate-



Thanks to the HMS Ewon Flexy, the dry ice plant can be remotely maintained and monitored via the cloud.

way from HMS Ewon, we are able to quickly interpret the customer requirements. Using the cloud interface, alarms can be created for the data-intensive application and monitored using the familiar Azure Cloud dashboards. Flexible management for access rights is also

available. As specified, a 1:1 integration of the new Design-In with the Ewon Flexy Module 205 was made possible. In addition, existing systems are retrofitted with this remote maintenance solution.

«The fact that the right connection option was found quickly simplifies the whole process.»

Ronny Wyss, Head of Digitalization & Automation,
ASCO Kohlensäure AG

Project technology partner

