

## Case Study

Rittal GmbH



### Promontan: On an unmanned mission in the Caspian Sea



Offshore oil production places high demands on the equipment used. Typical requirements include the highest possible level of safety during plant operation and GL certification. Oil production platforms that are operated unmanned – such as those run by Dragon Oil – pose a particular challenge.

**“When it comes to low-voltage switchgear, we’ve worked with Rittal from the very beginning due to, among other things, the comprehensive engineering support that Rittal provides and because this manufacturer offers the most stable and flexible system.”**

Thomas Schellhorn, Managing Director of Promontan GmbH

The oil group uses Form 4b to ensure the main power distribution system is safe and secure. That was new ground for the switchgear engineers from Promontan. “It quickly became clear to us that we could meet this demand for Form 4b – which was a first for us – using the system from Rittal,” says Schellhorn.

### Unmanned in the Caspian Sea

The international oil producer Dragon Oil plc, which is headquartered in Dubai, primarily extracts crude oil and natural gas off the coast of Turkmenistan. Dragon Oil needed a switchgear manufacturer for the main power distribution system for a new oil production platform in the Caspian Sea. And the oil company found its supplier in Promontan GmbH, a German company based in Werder, near Potsdam.

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## **Rapid certification**

When it comes to power distribution and enclosure technology, Promontan uses the Ri4Power system from Rittal, which is based on the TS 8 enclosure system. Since these systems also have Lloyd certification, Promontan was able to obtain certification for the entire switchgear installation relatively easily.

## **Software makes planning and building easier**

The project planning for the installation was taken care of for Promontan using “Rittal Power Engineering” software. This engineering tool supports planning and configuration in all phases and also ensures that switchgear installations can be documented in line with standards. However, another function of the software proved particularly important for this project – on completion of the planning stage, the software generates an assembly diagram that is exceptionally helpful during building work. While work is still being prepared, the engineers can use the assembly diagram and parts list to match the material that has been ordered to the relevant section or workplace – a straightforward and speedy approach that saves both time and costs.

## **Rittal**

Rittal, headquartered in Herborn, Hesse, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services. Systems made by Rittal are deployed across a variety of industrial and IT applications, including vertical sectors such as the transport industry, power generation, mechanical and plant engineering, IT and telecommunications. Rittal is active worldwide with 10,000 employees and 58 subsidiaries.