

ragSol – Oil & Gas Field Solutions
Schwarzenbergplatz 16, 1010 Vienna
+43 50 724, office@ragSol.at
ragSol.at



Wellwatch



well thought, well done.

rag_sol
is a RAG Austria
AG spin-off
to market RAG
technologies,
know-how and
solutions for the oil
and gas industry.

Our experience and know-how are based on RAG Austria AG's more than 80 years in the field. Combining traditional industrial standards with new technologies, innovative products and state-of-the-art know-how that adapt to the environment while increasing its potential, ragsol provides comprehensive solutions to modernize oil and gas fields. Our aim: to create what we call smart brownfields.

Providing opportunities hitherto unprecedented on the market, our main focus is to produce oil and gas more efficiently and to manage these valuable natural resources in a responsible eco-friendly approach.

Description

Wellwatch is a device for performing measurements of various analogue production related data at various wells in a client's fields. The aim is to do these measurements with minimum work force effort to reduce HSE risks on site and with high flexibility and therefore high mobility.

Wellwatch is able to measure and provide data output on:

- Chemical injection tank filling
- Production tank filling
- Well cellar filling
- Treatments: Hot water, Batch inhibition
- Well diary (white book): Condition of well site, works performed, pump stops

The aim of Wellwatch is to promote digitalization of existing analogue data using the well site visit for data generation purposes.

The device is mobile and easy to handle – the biggest advantage is that the operator has both hands free to work or hold on to a rail to minimize HSE risk.

The device has no plug-in connection – contactless charging to avoid a risk in hazardous areas. The available information or required checklists at each well site may differ, therefore the device is able to recognize the well location and react to conditions on site – bi-directional communication.

Wellwatch is independent of any existing data transmission infrastructure. Measured data is transmitted using GSM, Bluetooth, Wi-Fi and IoT solutions.

It is possible to integrate the device into the existing local SCADA system. Where data transmission is lost, Wellwatch provides the option of storing all measured data locally.

Additionally, Wellwatch is part of 'Zister' intelligence – a stand-alone software solution for data visualization, data analysis and data storage. The data is accessible online, via a web browser as well as mobile devices.

Wellwatch can be easily adjusted and new functionalities integrated at any time.

Wellwatch provides the option of generating reports on work undertaken, using filters such as:

- Works performed at each well (well diary/white book)
- Works performed by each user (daily report)

Technical Data

Data transmission	Bluetooth and WiFi
IP rating	68 (water & dust resistant)
Charging	wireless