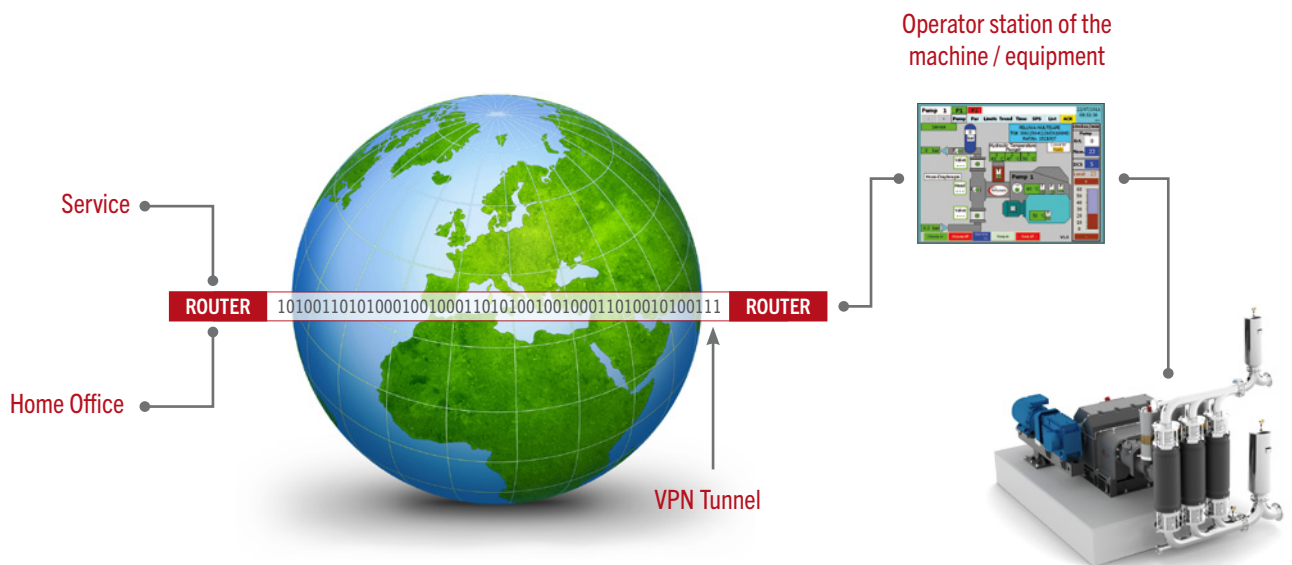


FELUWA Webservice

FelWebGuard (FWG)



Remote service for
mechanical and plant
engineering in accordance
with client and business
objectives

In future, the Internet will allow for a completely new access to knowledge, new business models and services. Particularly, the number of such objects interconnected via Internet will rapidly increase. IDC market researchers anticipate that 15 billions of intelligent machines will be linked worldwide by the year 2015. By 2020, the number is even expected to exceed 50 billions.

Working principle:

The system is linked to the Internet. In the event that actual values differ from the programmed nominal values, the system will send an according email to one of the FELUWA service technicians. In addition, a safe, bidirectional VPN tunnel can be set up, which allows for remote access to the control unit of the pump. The system does not only provide for higher availability, but moreover for an increase in productivity and a reduction of service costs.

Direct or remote insight into:

- Active operating characteristics
- Active readings (stroke rate, suction pressure, temperature of hydraulic oil and gearbox oil etc.)
- Condition monitoring of check valves, hose-diaphragms and anti-friction bearings
- Variation of parameters
- Monitoring of multiple pumps

Display of all critical parameters by means of a traffic light logic for the visualisation of faults and the respective degree of anomaly



Time-related recording of readings for

- Suction and discharge pressure
- Motor speed, torque, current consumption
- Temperature of hydraulic and gearbox oil
- Condition of check valves (analysis based on solid-borne sound)

Configuration

- Parameterisation
- Access to service intervals
- Access to specific documentation
- Setup of a bidirectional VPN tunnel for remote service by a FELUWA service technician

