Smart Work & Task

The Digital Solution from Franken Plastik for Maintenance and Servicing Processes

Clear and up-to-date documentation, efficient work planning and tamper-proof identification.

www.frankenplastik.de

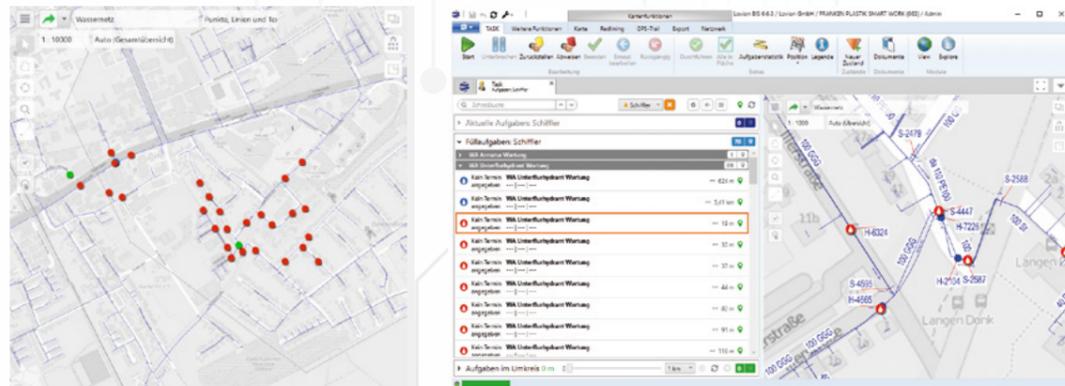# Digitization – FP Smart Work & Task Makes Life Easier

With FP Smart Work & Task, you can digitalise your maintenance and servicing processes in a simple way, whilst at the same time increasing quality and efficiency.

How does it work? You use your existing infrastructure with FP signs, just exchanging a blank insert 25mm for an RFID transponder field. Now you are able to work with FP Smart Work & Task, which displays all tasks digitally on your computertitablet or via the mobile APP on site. The RFID transponder is assigned a unique identifier code, which is directly allocated to the fixing, the gate valve or the hydrant. The FP information sign serves as a carrier of information; the data can be read and edited directly on site. This also provides unambiguous and tamperproof evidence that the required tasks have been carried out.

RFID data can be read with the FP scanner pen, and also with NFCcompatible smartphones, laptops or tablet PCs. Existing readers or scanners can also be used (if they are designed for this task), which helps to keep down the cost of your investment.
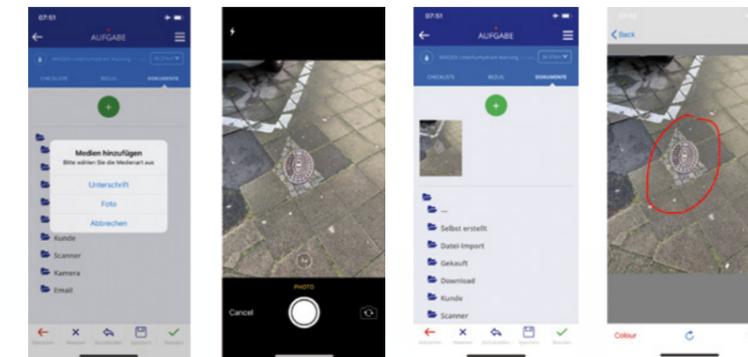

FP Smart Work ...

Easy to follow and clearly structured: Tasks can be viewed in a map or list.

The advantages of FP Smart Work & Task:

- Unambiguous and secure: login via RFID on site
- System works offline; data can be imported into the database later (data protection guaranteed)
- Secure and paperless documentation
- Optimised deployment planning
- Existing systems can be used (signs as well as reading/scanning devices)
- Device-independent readouts with an FP scanner pen are also possible
- The system can be expanded at any time to include additional pipeline networks, properties, buildings, etc.
- Data security in the RFID chip is assured for 50 years
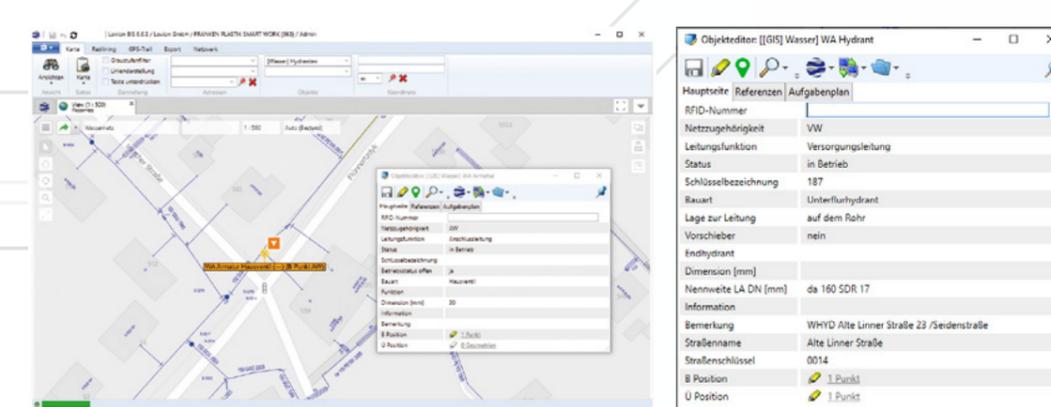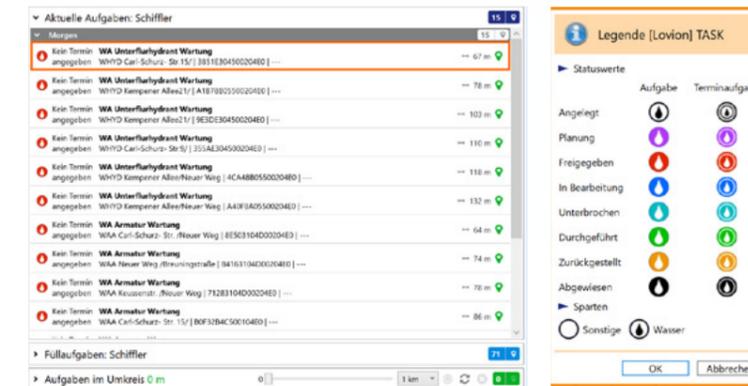
... & Task

For more clarity: photo documentation of neuralgic power supplies. Photo is automatically abached to the task.
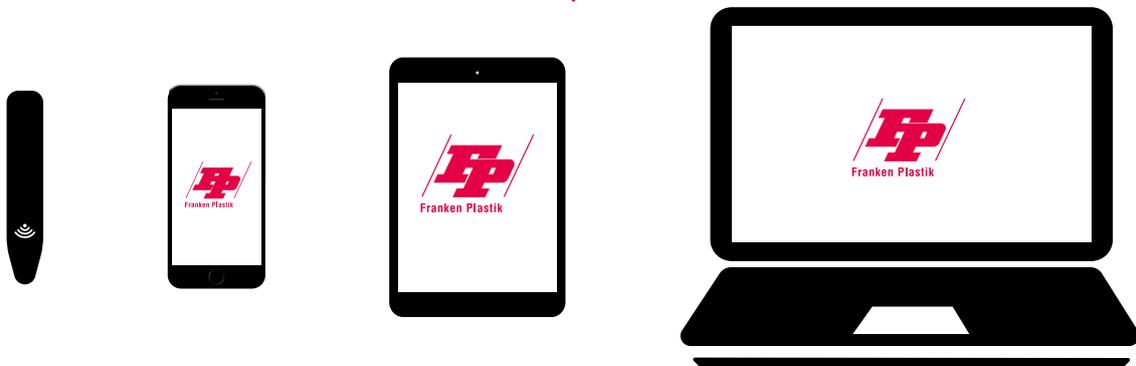

Very simple: mobile editing of data on site.

Optimal: GIS integration of fixings, gate valves, hydrants or components with unique ID.

Industry 4.0 – Be Perfectly Prepared with FP Solutions

With intelligent enhancements such as RFID transponders, FP's labelling systems enable simple, quick and inexpensive connections to existing information systems.

Location **Service** **Maintenance** **Information**

Central information system

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Technical information:
RFID transponder insert 25 mm, encapsulated using epoxy, frequency: 13.56 MHz, passive version (no baberies needed), read/write, standard based on ISO 15693, effective storage capacity 1.3 kbit, reading distance between 0 to 15 mm depending on the hardware, working temperature -25° C to + 55° C, storage temperature -45° C to + 100° C