

HMI HYBRIDSTATION

Mobile Freedom Meets Stationary Security



DOCK. CONNECT. GO.

MOBILE WORKING. FULL OPERATIONAL CONTROL.

Companies in the process industry are increasingly challenged to provide employees with access to critical information at any time, both directly in the field and at an ergonomic workstation.

The new HMI Hybrid Station offers a solution that combines the flexibility of mobile devices with the benefits of a permanently installed HMI operator workstation.

The Hybrid Station enables a seamless transition between mobile field operations and secure process control at the workstation.

Functioning as an intelligent docking solution for industrial applications in hazardous areas classified Zone 1/21, the tablet accompanies users throughout the plant and can simply be docked once field work is completed.

Once docked, the solution transforms into a fully featured operator workstation, providing all the advantages of a stationary HMI system. The integrated REMOTE HMI thin-client software enables cybersecure operation. The login screen appears automatically, allowing users to authenticate quickly, securely, and conveniently via RFID tag.

HMI AND TABLET. PERFECTLY COMBINED.

YOUR BENEFITS AT A GLANCE



- Unrestricted use in hazardous areas classified Zone 1/21
- Secure hardware locking mechanism to prevent unauthorized use
- Unique charging capability directly within Zone 1/21
- Optional barcode scanner for secure and error-free batch identification
- Optional RFID/NFC reader for fast user login and electronic signaturesergonomic operation at a fully featured workstation
- Extended display functionality with a 22“ monitor and full-size keyboard, enabling ergonomic operation at a fully featured workstation
- REMOTE HMI thin client running as a closed kiosk system for maximum cyber-security on both tablet and HMI
- Automatic switch from Wi-Fi to a highly reliable Ethernet connection when docked

INNOVATIONS IN DETAIL



SAFE CHARGING IN ZONE 1/21

With the HMI Hybrid Station, R. STAHL enables direct charging of the tablet within hazardous areas classified Zone 1/21.



REMOTE HMI – Thin-Client Software for Cybersecure Operation on Tablets and HMIs

The growing number of cyberattacks targeting industrial facilities demands consistently secure operating concepts. REMOTE HMI has been specifically developed for secure remote access and secure process operation. Running as a closed kiosk system based on Windows 11 IoT Enterprise LTSC, the solution significantly reduces potential attack surfaces and supports the highest cybersecurity requirements in the process industry.

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Learn more:



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