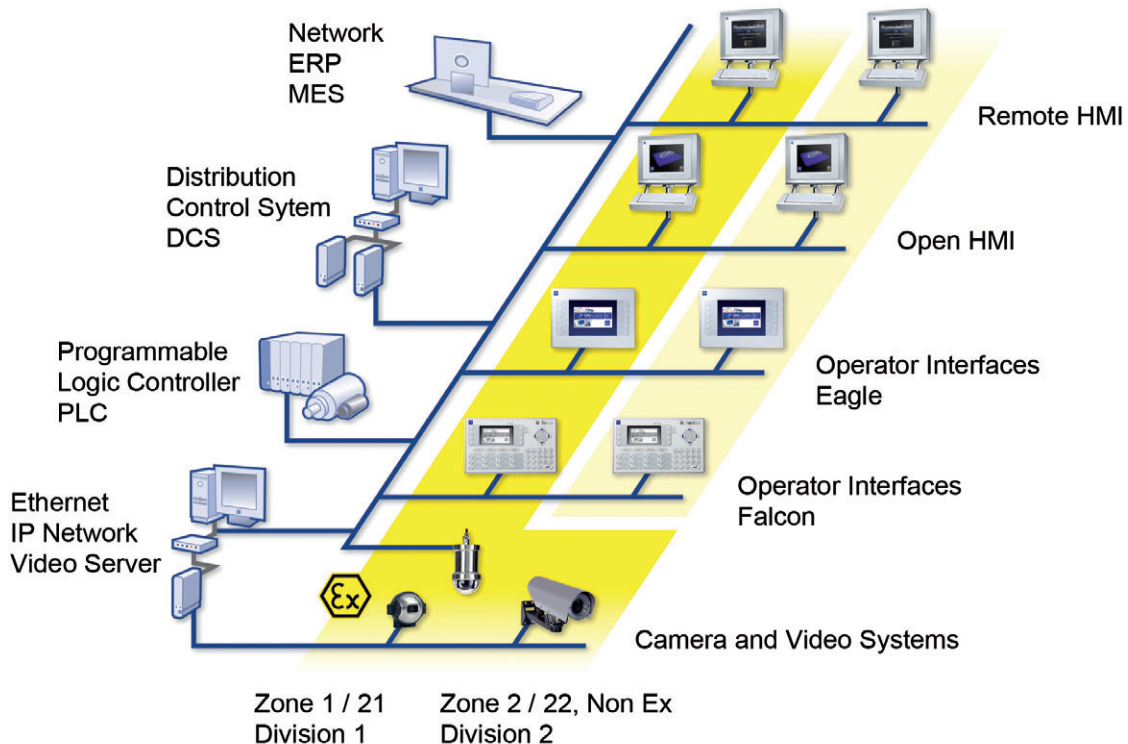


Operating and Monitoring Systems

In all areas of industry, safety and comfort are increasingly gaining in importance. Consistent operating and monitoring concepts are thus more in demand today than ever before. This is a field where R. STAHL HMI Systems has great expertise, gained in more than 20 years. We look at each challenge from the customer's point of view so that together we can arrive at what is the best solution for them. We make sure, for example, that our products can be easily integrated into overall processes – particularly within integrated systems. All interfaces are perfectly coordinated with one another. To be able to meet every type of requirement, we provide product series with clearly outlined, separate areas of application and performance classes. Be it product range, service or support - we are only fully satisfied once our customers are.



The **Exicom** product line for installation in hazardous areas (Zones 1, 21 and Div. 1) is divided into four product groups, the same as the **ProVicom** product line (Zones 2, 22, Non-Ex and Div. 2) for installation in industrial areas:

Operator Interfaces

Operator Interfaces with integrated visualization for on-site application. Project engineering with SPSPPlusWIN.

Two performance classes:

- Falcon, the compact, simple devices
 - optimum visualization
 - reduce the automation system workload
- Eagle, the visualization systems
 - communication with all major PLC/DCS or PC systems

Open HMI

- Open systems consisting of robust hardware and standard operating software
- Can be equipped with robust field housings made of plastic or stainless steel
- Can run with any software
- All devices equipped with touchscreen and several interfaces (2 x RS 232/422/485; Ethernet, USB etc.)
- Pentium M processor technology
- Possible distance of up to 2 km (optical fibre)
- No fan, no rotating parts

Remote HMI next generation

The PC located in the safe area and the Remote PC in the hazardous area under the toughest ambient conditions.

But the system is capable of a lot more:

- KVM-box with connection via VGA and PS2 or digitally via DVI and USB, or even as a Thin Client
- Ethernet, making it network, WLAN and internet-compliant at a distance of up to 2 km

Camera and Video Systems

Complete video systems (CCTV) for installation in hazardous areas for monitoring and controlling areas, rooms and equipment.

- Explosion-proof cameras (compact and dome camera)
- Video server for hazardous and industrial areas
- Video software for monitoring and real time control tasks
- Tailor-made project design of camera systems