



**Your provider, a truly global leader**  
for customer-specific explosion protection solutions



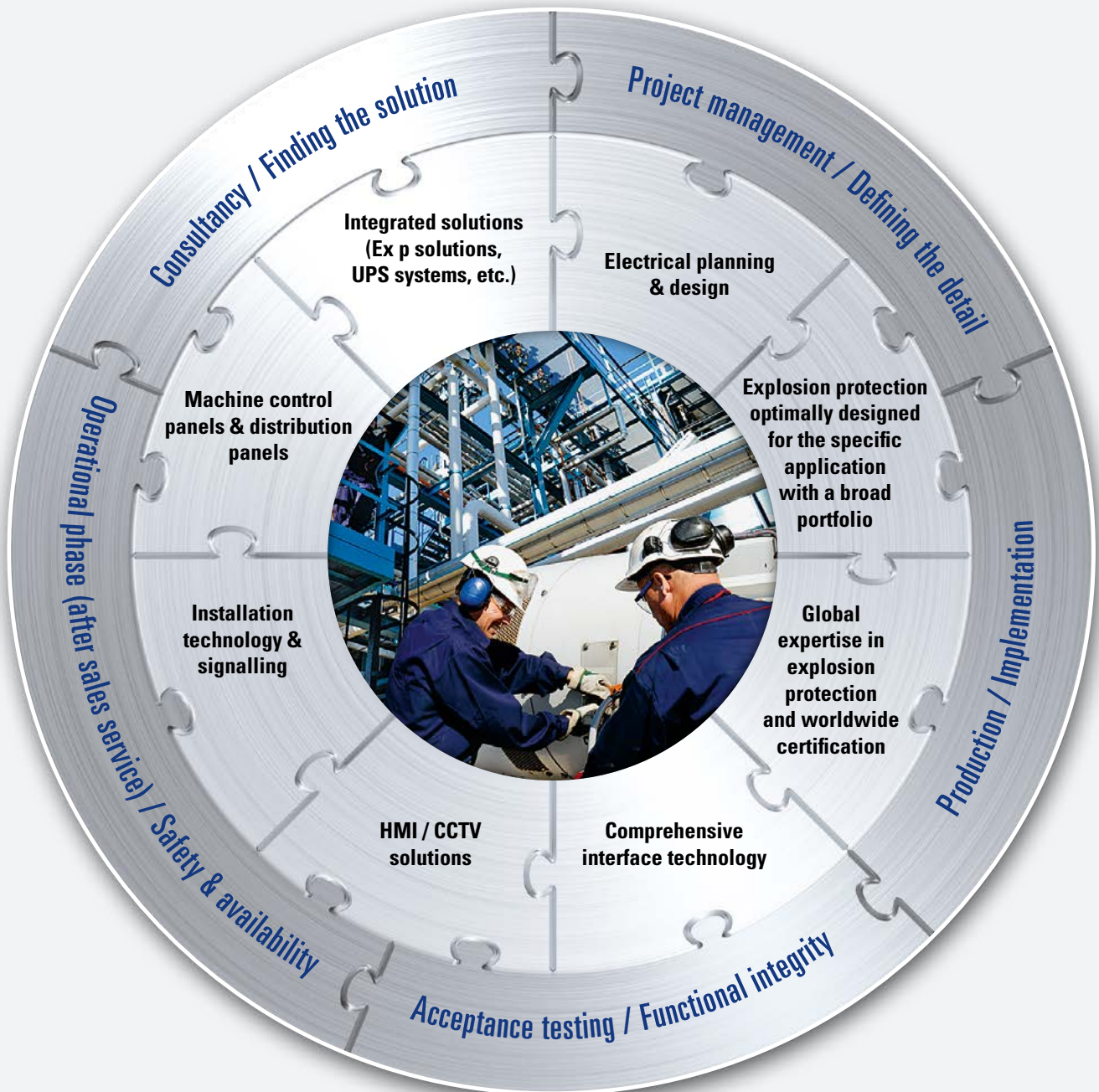
**STAHL**

# Customer-oriented system solutions

R. STAHL offers more than the sum of all components

From the concept through to the implementation of a project, R. STAHL is your expert partner. We offer our customers a seamless suite of consultancy and support services throughout the timescale of a project. Our engineers work with you in a constructive process to develop your individual solution. Right from the outset, this gives you an overview of the

possibilities for your project. On a joint basis, you then devise an appropriate solution. This early-stage involvement of experts from R. STAHL saves you what is invariably valuable time during the course of your project. In addition, right from the start, you can eliminate sources of error, thus also keeping costs under tight control.





## Finding the solution

- Devising and developing of individual solutions on a joint basis with the customer
- Analysis of customer-specific production processes and requirements
- Engineers and software specialists with international experience
- Extensive references

## Production

- Global production facilities
- Quality management from incoming goods to final acceptance testing
- ATEX recognition by DEKRA
- ISO 9001:2000 certified
- Information about the project can be called up at any time via the central Customer Service Centre (CSC)
- Individual customer wishes can be implemented

## Technical implementation

- Preparation of documentation and electrical circuit diagrams
- Extensive component portfolio for precisely matched, safe and cost-effective solutions
- Integrated solutions and services extending across whole product ranges and company structures
- Expert contact partners are available at all times to answer customer enquiries

## Acceptance testing

- Factory Acceptance Test (FAT) pursuant to customer specification
- Modern inspection and test equipment
- Intensive, specialist support
- Skilled personnel

## Active service

- Handover of comprehensive project documentation
- Comprehensive after sales service
- International training courses

## System solutions – sample projects



### Complex machine and system control panels

Ex de pump control unit  
Sector: oil, gas, chemical industry, OEM



### Solutions for extreme environments

Ex de energy distribution down to -40 °C  
Sector: oil, gas, OEM



### OEM solution as integral component of machine and system

Ex de decanter control unit with frequency converter  
Sector: OEM



### Solar powered for energy supply

Ex de power station with uninterruptible power supply (UPS)  
Sector: oil, gas, OEM



### Solutions in type of protection pressurized apparatus

Ex p centrifuge control panel  
Sector: oil, gas, chemical industry, pharmaceutical industry, OEM



For more information about applications for low-voltage systems, please visit [www.stahl.de](http://www.stahl.de) and e-mail us at [integrated.solutions@stahl.de](mailto:integrated.solutions@stahl.de)

### R. STAHL

Am Bahnhof 30  
D-74638 Waldenburg  
P +49 7942 943-0  
F +49 7942 943-4333

 [www.stahl.de](http://www.stahl.de)



ID 239358  
2014-08 / EN