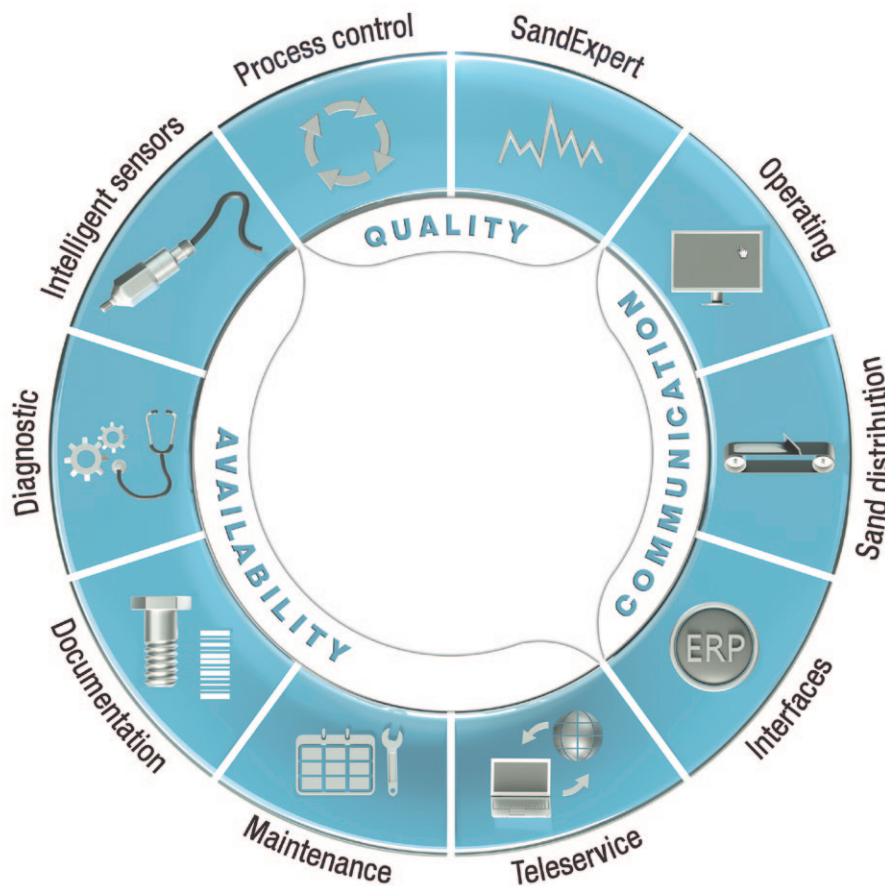


Control solutions for molding sand preparation



- Assured quality
- Enhanced productivity
- Increased performance

Control solutions for your molding sand p

Quality

Process control – the path to good molding sand in 4 steps

1. Moisture detection
2. Compactability control with QualiMaster AT1
3. Shear strength control with QualiMaster AT1
4. Preventive molding sand control with SandExpert

SandExpert

Perfect software tool for quality assurance

- Preventive molding sand control based on mold data and wear factors
- Basic version available as SandReport for continuous recording and analysis of batch data

Communication

Process visualization

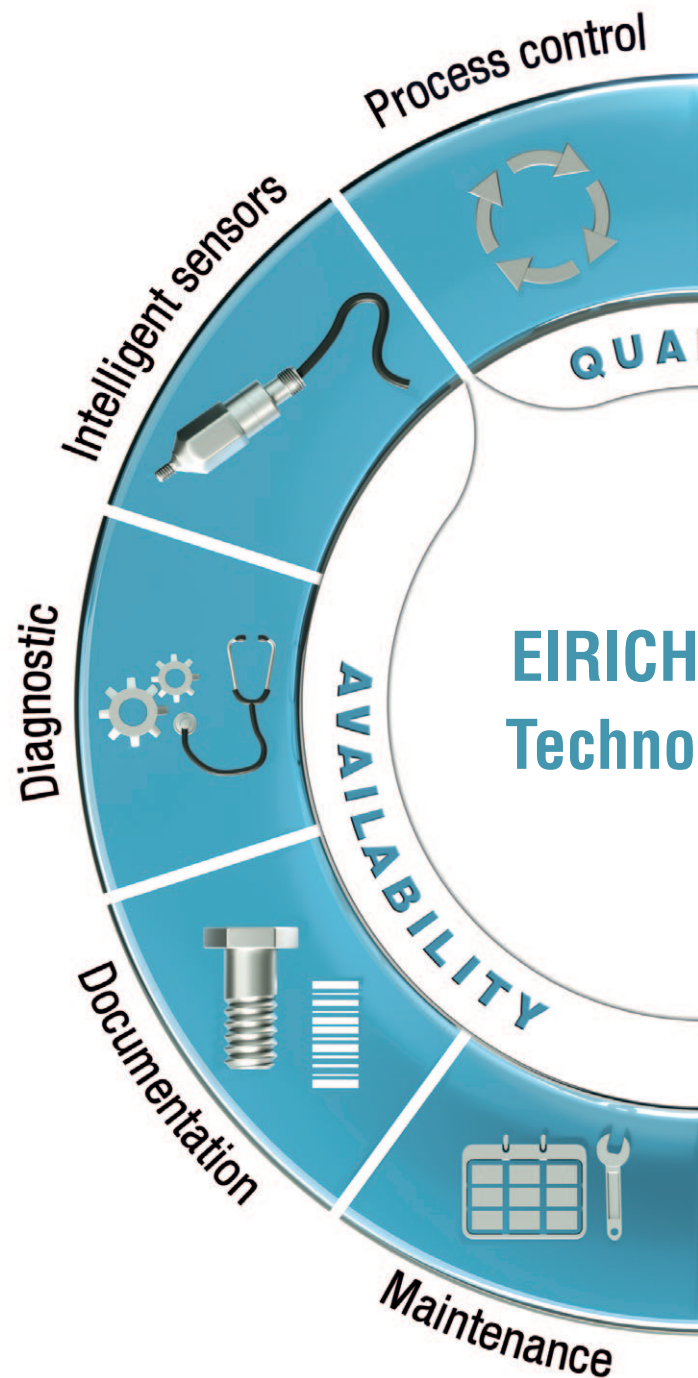
- Easy operation and graphical representation of the complete system
- Detailed status display of all sensors and actuators of mixer and system components
- Standard features include formula management, batch logging, measured-value recording and many others

ERP interfaces

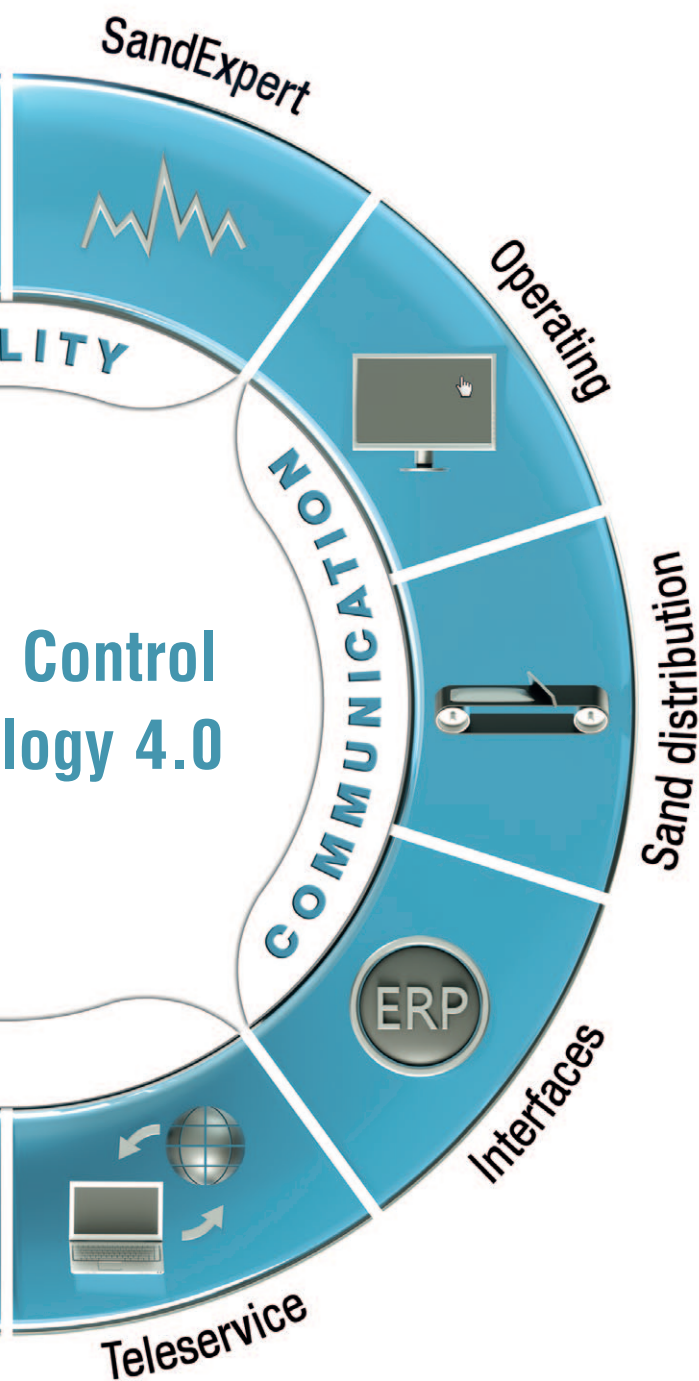
- Direct data exchange between SandExpert and ERP databases
- All current database systems and data file formats are supported
- Batch logs, mold data, formulas and laboratory data can be transmitted

Distribution of molding sand

- Online measurement and visualization of the prepared sand distribution on the entire conveying system
- Improved retention of the molding sand properties by demand-oriented filling of the molding machine silos
- Reduced wear on belts and scrapers



reparation system – all from one source!



Availability

Teleservice

- Module for remote support of machines and systems
- Efficient technical assistance
- Faster reaction times resulting in increased system availability

Maintenance

- Software tool for increasing system availability
- Spare and wear parts requirement determined on the basis of operating data
- Optimizing the required manpower by means of work schedules with maintenance jobs and service intervals
- History of maintenance jobs performed

Documentation

- Identification of installed components by graphical navigation in the general system layout
- Simplification of spare parts inquiry and order process
- Quick access to the complete documentation of the EIRICH supply scope

Diagnostics

- Module for online condition monitoring of your machine
- Preventing unplanned downtimes
- Enables a just-in-time ordering of spare parts, thus reduced stockkeeping

Intelligent sensor technology

- Central parameter setting of linked sensors (also via EIRICH teleservice)
- Sensor replacement without special parameter setting tools
- Increased operational reliability by self-monitoring sensor technology

Industrial Mixing and Fine Grinding Technology

Tradition and innovation since 1863

EIRICH stands worldwide for a comprehensive range of products and services in the field of preparation technology. Its particular focus is on mixing and fine grinding technology, with know-how developed over 150 years of close cooperation with industrial users, universities and research institutions.

Pursuing a corporate philosophy of operating internationally and thereby ensuring close proximity to every customer, the EIRICH Group has secured its place in all the key economic regions of the world.

The focus is on innovative technology for machinery and systems engineering designed to offer solutions for high-standard preparation tasks from a single source.

Applications and process technology with own test centers, a high vertical range of production and comprehensive after-sales service provide the ideal basis for the development of modern and economical processes for a multitude of industries.

**Building materials – Ceramics – Glass – Carbon paste – Battery paste
Friction linings – Metallurgy – Foundries – Environmental protection**

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