

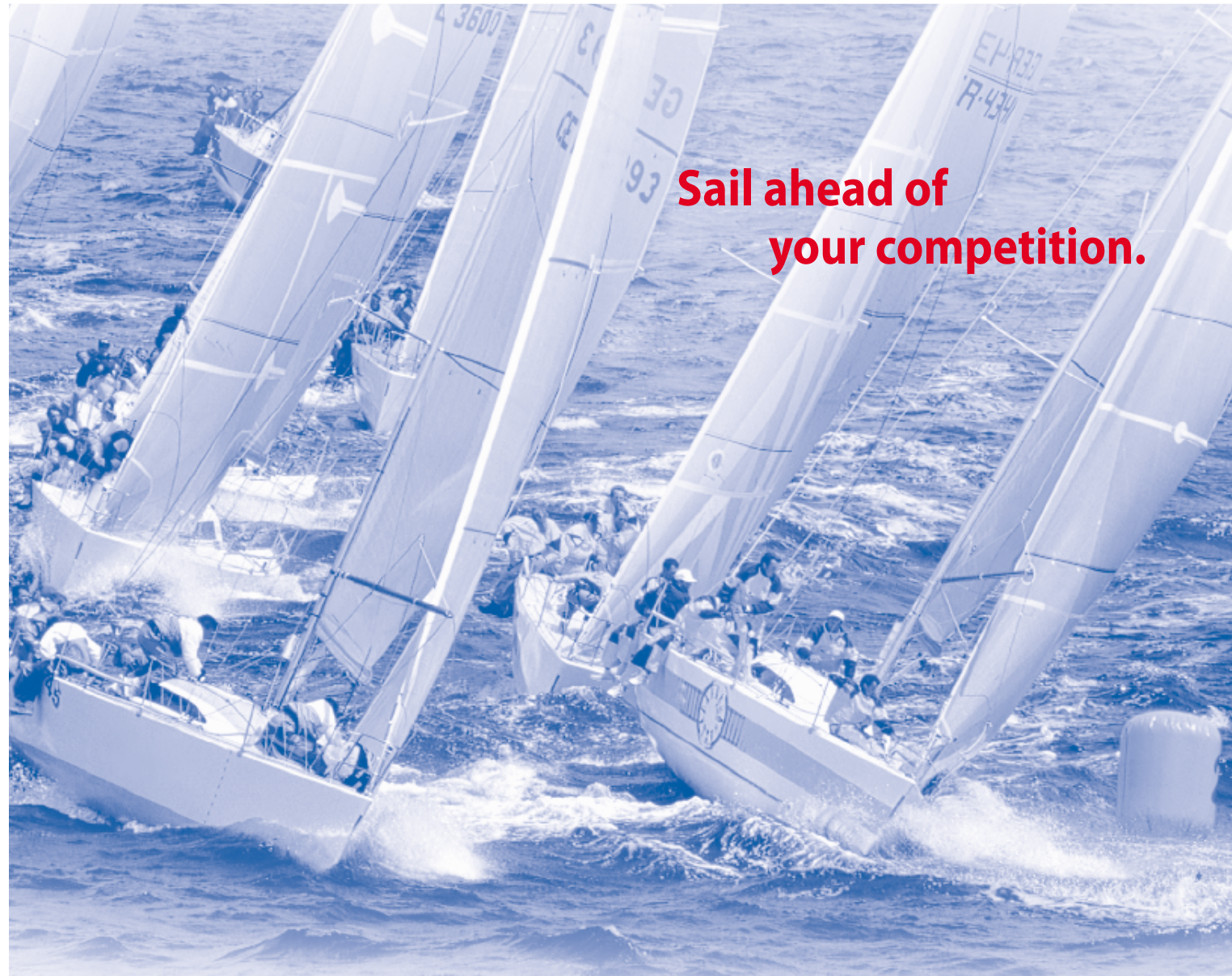
## Customer benefits

## Your MES specialist for more transparency in production

## MANUFACTURING EXECUTION

- Real time data access to shop floor via intranet/internet
- Reduced setup times, job processing times, and downtimes
- Significant cost savings through efficient deployment of labor, machines, tools, and materials
- Continuous production monitoring (24/7) and email/SMS alert if there is deviation
- Preparation of reliable key performance indicators of effectiveness (O.E.E)
- Database with key performance indicators (KPI's) and interface to business intelligence (BI) systems
- Traceability of the production process for product liability verification
- Investment security through the use of software standards and industrial standards
- Return on investment (RoI) between 6 and 9 months
- Reference customers in 16 countries

[www.includis.com](http://www.includis.com)



**Sail ahead of  
your competition.**

**INCLUDIS**<sup>®</sup>  
— factory —

INCLUDIS GmbH  
Rosenstr. 2 / 10178 Berlin  
Tel. +49 (0) 30 200 89 69 - 0 / Fax - 22  
Internet: [www.includis.com](http://www.includis.com) / email: [mail@includis.com](mailto:mail@includis.com)

**INCLUDIS**<sup>®</sup>  
— factory —

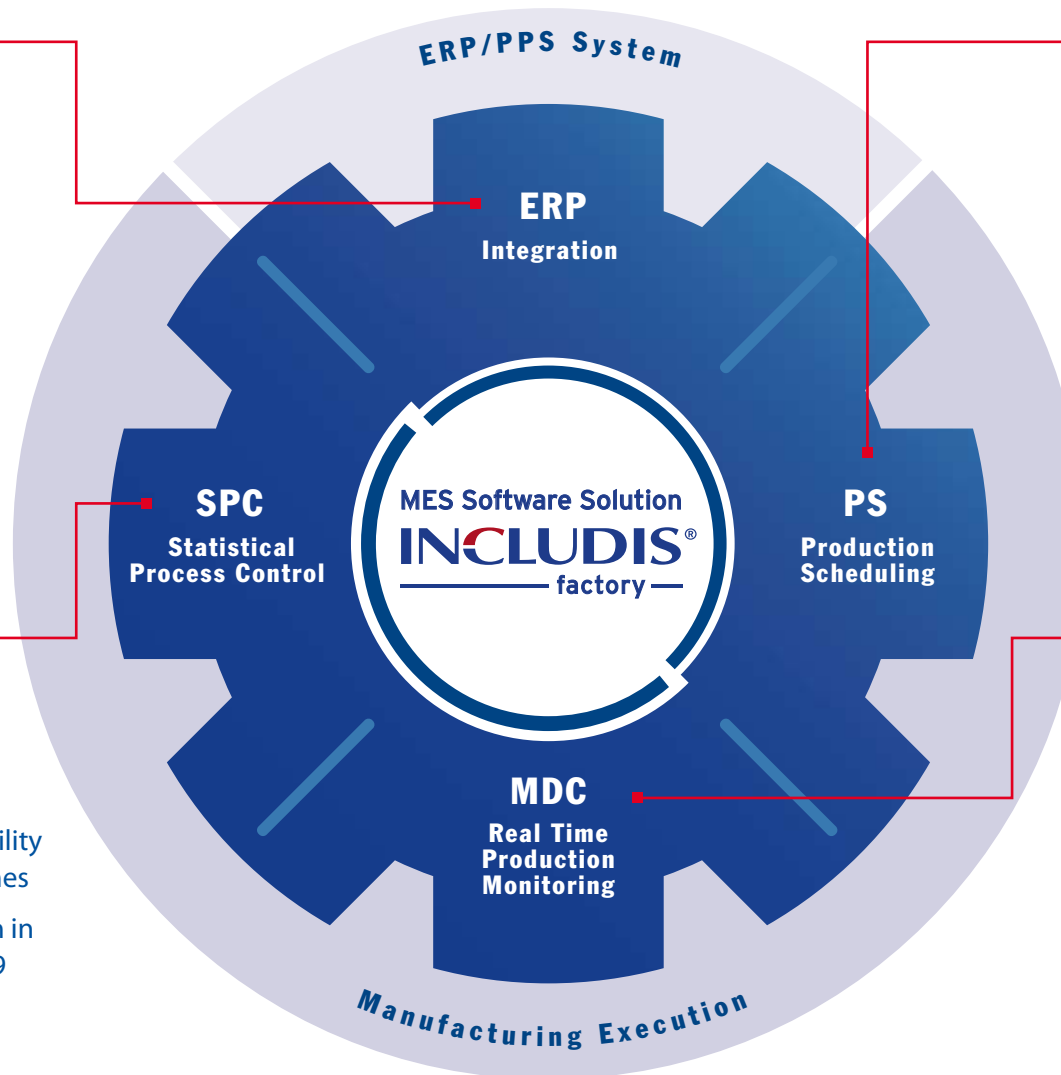
# INCLUDIS.factory – the navigation system for modern production

## ERP Integration

- Bidirectional data exchange with the leading ERP system
- Temporally adjustable feedback on current production status
- Event-driven, real time data transfer
- Data exchange via RFC, ODBC, or file transfer

## SPC Statistical Process Control

- Visual display of the on-going process for the collected parameters
- Calculation of the Cp and Cpk factor for the current job
- Seamless product and process traceability of batches, serial numbers, and run times
- Verification for process documentation in accordance with the ISO 9001/TS16949 standards



## PS Production Scheduling

- Graphic planning (single-stage/ multi-stage) with drag & drop functions
- Planning reports in the form of structured lists and Gantt diagrams
- Requirements lists for labor, material, and tools
- Planning via an adjustable rule configurator
- Simulation of the job workflow

## MDC Machine Data Collection

- Web based shop floor overview in real time
- Data access via standard web browsers
- Integration of stationary/ mobile PDA systems and personnel data tracking systems
- User specific dashboards for management information
- Integration of different production locations via a central server
- Bidirectional data exchange with automation systems