

# **RDDS – Automation System for Test Rigs. Customization made easy.**

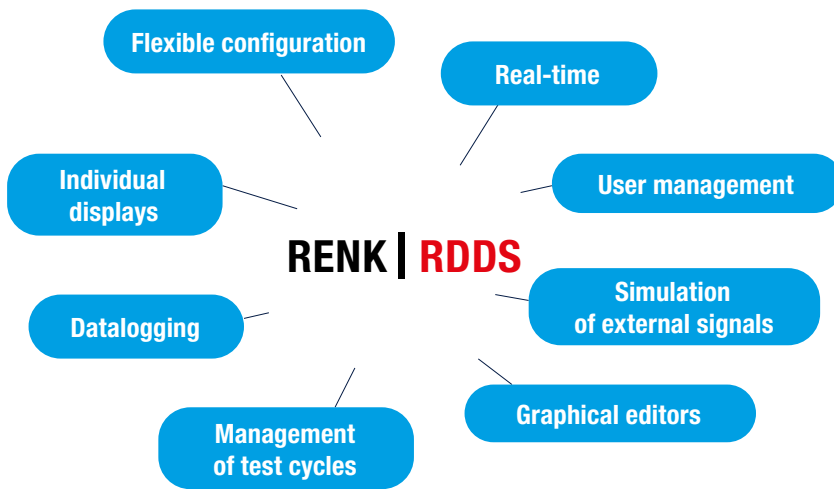
Automation System for Test Rigs

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EMPOWERING FORCES.



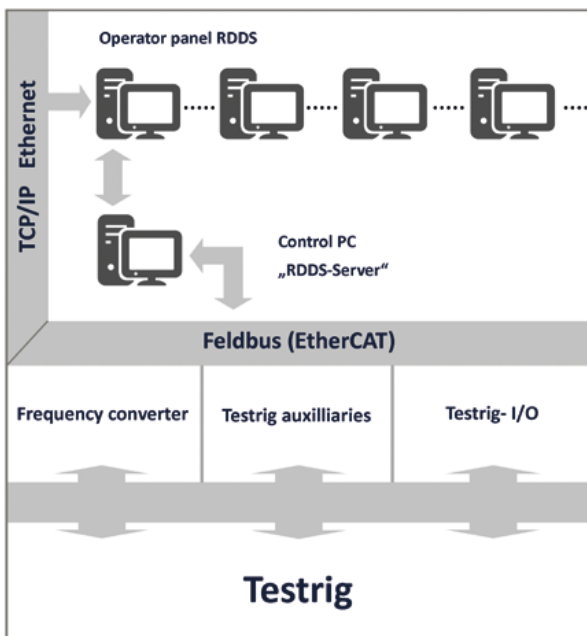
# New RDDS ... customization made easy!



## RDDS (RENK Dynamic Data System)

Open industrial platform according to actual standards in automation for control, data acquisition, visualisation and monitoring of complex test systems in Research & Development as well as in production areas.

A modular design and a very flexible structure allow further upgrades of existing test systems in the automotive-, truck-, agriculture-, railway-, aviation and wind-turbine industries.



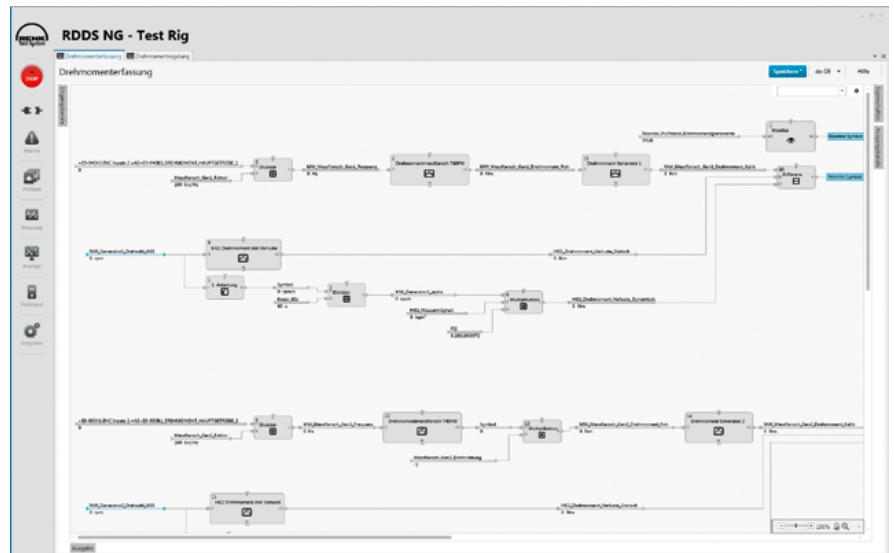
Hardware concept



Example control room

**Your benefits**

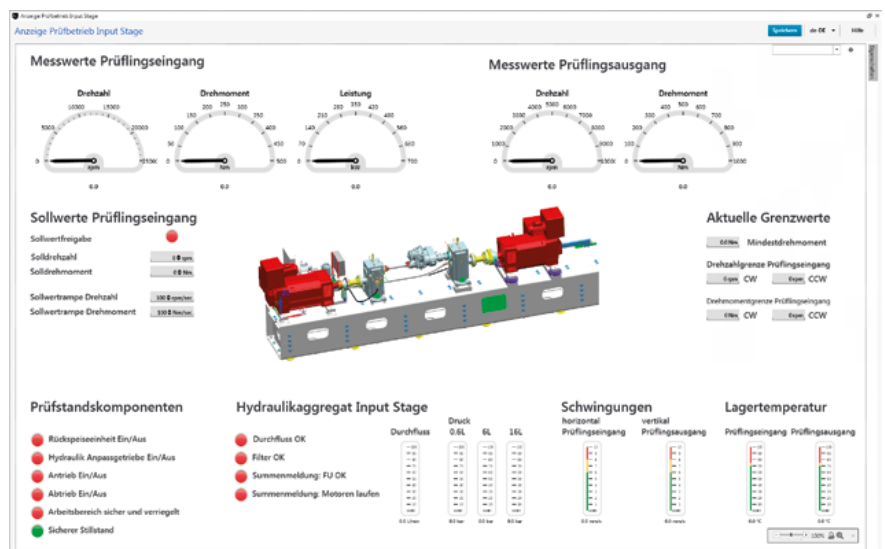
- Based on well-known TwinCAT® environment
- Graphical editors for control cycles, sequence control and signal processing
- Database-drive storage of measured values and configuration set-ups
- Flexible set-up configuration by client-server structure
- Customized displays for different configurations, visualization of test results and test cycles
- PLC for controlling sub-systems



Display (example), Torque Signal Processing

**Interfaces to:**

- VECTOR CANoe®
- National Instruments LabView
- Mathworks Matlab/Simulink
- Higher level management systems
- Individual design of interfaces



Display (example), user interface

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