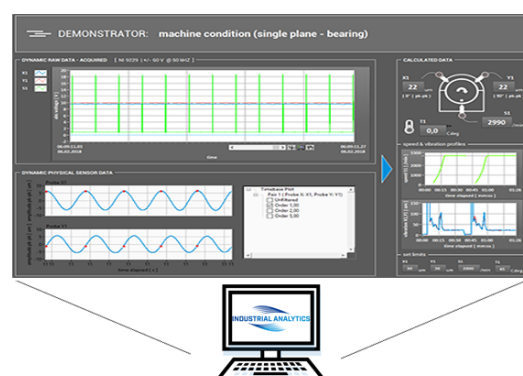
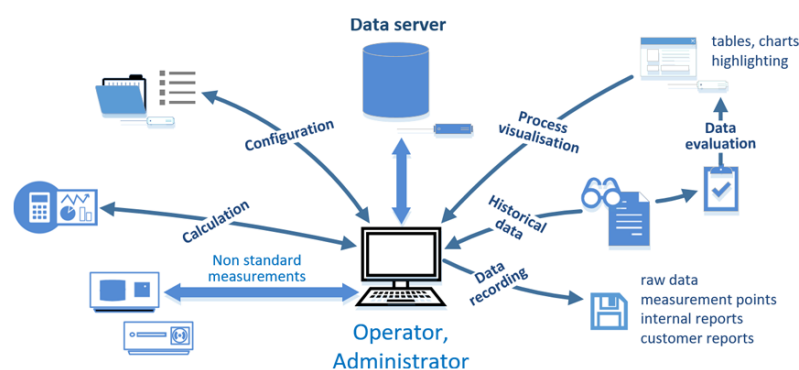


## SOFTWARE SOLUTIONS COMPRISING DATA ACQUISITION, ANALYSIS AND REPORTING



### Application

Test facilities are often adapted to meet the requirements of individual projects, e.g. by adding special purpose measurement equipment or by expanding measurement signals.

these modifications often require specific measuring equipment and an extension of the number of measurement points and signals.

Therefore, existing testbed measurement setups often consist of an accumulation of different hardware and software.

As a consequence, test bed staff regularly use inadequate software solutions to carry out measurements, signal evaluation and documentation tasks.

This leads to higher personnel costs and an increased error rate.

### Solution

Industrial Analytics creates and implements small or complex hardware and software solutions, including the following aspects:

- Selection and implementation of measurement equipment for your test or production facility
- Data acquisition, signal conditioning, data analysis functionality
- Appealing and customisable graphical user interfaces
- Implementation of calculation routines and simulation capabilities
- Connectivity to local databases via established bus architectures
- Interface to centralised and decentralised monitoring systems via internal or external networks
- Automated output and report generation

### Benefit

Industrial Analytics offers tailor-made software programming by engineers and software specialists from concept to implementation and documentation for data acquisition and analysis.

These systems help you reduce the personnel and time requirements for the tests of your turbomachinery.

We are able to develop more than just data acquisition software. Based on our experience with the development, implementation, and maintenance of software for big testbed installations, we create highly integrated measurement and analysis systems.

The offered systems are modular, scalable and well-documented, and thus easily maintainable software solutions for your application.