

# Brownfield Evaluation

## Process automation structures - future-ready

### Evaluation and consolidation of grown automation structures

Future-oriented state-of-the-art automation structures are a prerequisite for efficient and future-proof production and contribute to the investment protection of the automation system.

In grown plants, complex structures can be found over time, originated for example by plant expansion / merging, expansion of the degree of automation or migrations. An inhomogeneity of the automation structure puts a burden on operation and maintenance and makes it difficult to modernize and optimize the plant.

In order to be able to lift the economic potential of a consolidation, a holistic view of these evolved automation structures is required.

The service "Process Automation Structure - Future ready" supports your production units in the chemical and pharmaceutical industries by a comprehensive overview of your "grown" automation structure by our experts. These tests cover the entire system landscape or even partial aspects and include both hardware infrastructures such as bus systems, interfaces for connecting sensors / actuators and third-party systems, as well as software concepts. In addition, an analysis of the availability of these systems is conducted.

As an introduction, we offer a one-day workshop. Following this, we can create a range of services that meet your individual requirements, right through to the complete evaluation and optimization of complete systems.

### Interested? Contact us!

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### Your benefit

- Securing the future of the automation system
- Expert support in the evaluation of the automation structure
- Prioritized identification of the optimization potential
- Improved maintenance and planning processes
- Enabler for intelligent / smart automation structures
- Validation of the system availability

### Our service offer

- Examination of the existing automation structure compared to state-of-the-art
- Quantitative availability analysis of the existing automation structure
- Creation and discussion of a prioritized optimization list (findings and measures)
- Homogenization of the automation structure
- Entry workshop for goal definition
- Project / customer workshop

