



Process & Plant Automation Readiness

Prepare and secure your investment for the future

Automation Readiness check of an existing operation improves the benefit and maximizes the return on investment.

You've been operating a chemical process for a long time: your recipes have been updated, but your documentation of the process steps is still manual?! Some manufacturing steps depend still on the timely interaction of your operators with logistics, with lab analysis, with addition, ...?

With state of the art process automation you optimize your production in regard to line loading, quantity, quality, repeatability, energy consumption, etc. By an assessment of all manufacturing steps prior to an automation project – migration or new investment – you can leverage the improvement potentials of your process.

Typical questions to be answered prior to an automation project are:

- Is multipurpose still the right concept?
- Is batch still the right concept?
- Is the way of dosing additives still in line with the capacity and requirements for quality?
- Have you ever thought about a pipeless plant?
- Are you using the right reaction path?
- Are you using the right equipment, e.g. agitator?

Sometimes lab experiments in our physico-chemical lab help to identify the best process parameters and the right process path.

Using the long-lasting cross-industry experience of our experts to analyze your existing process and receive innovative alternatives to improve your process and secure your investment.

Project examples

- Quality and quantity improvement of leather chemicals manufacturing,
- Transfer from batch to continuous production w/o usage of organic solvents in a PU dispersion production
- Stabilization of quality, capacity improvement for coating manufacturing.

Interested? Contact us!

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Your benefit

- Increased quality,
- Increased quantity,
- Production ready for Industry 4.0,
- Production & Process benchmark by industry experts.

Our service offer

- Analysis of the manufacturing process,
- Alternative concepts based on the findings
- Lab experiments to identify the scale-up parameters
- Comprehensive plan for the right sequence of evaluation steps to ensure process improvement
- Conceptual, basic and detailed engineering of the process and plant improvement
- Cost estimation
- Safety impact studies

