The CD-Laboratory Model - a Chance for SMEs
25 Years
Choice Automation Solutions

- More than 15,000 installations
- 100,000s of devices and plants every year
- Many application domains: building automation, power plants, etc.
logi.cals in the Engineering Process

Planning & Documentation
- logi.DOC
- logi.CED
- logi.DICT

PLC-Programming
- logi.CAD & logi.SIL
- logi.SYS

Target/System Support
- logi.RTS & logi.SIL
  e.g.: logi.PLC 5200
  logi.PLC CX1010

Visualisation & CM
- logi.VIS
- logi.GUARD
Industry partner requirements for integration solution

- Vendor- and platform-neutral
- Tailorable
  - Organization
  - Engineering process
- Incremental introduction
- Connection to operating automation system
- Offline capability
- Decoupling in time and space
- Flexible after installation
- Increase of productivity
Iterative Engineering Environment Integration

Step-by-step migration with the “Automation Service Bus”

- Identification of migration steps
- Implementation of tool connectors and local ASB configurations
- Validation with existing solution
- Data is available to the engineering process, even if the data comes from heterogeneous data sources.
- Federated ASBs connect organizational units
- Example prototypes with Andritz Hydro engineering
Christian Doppler Laboratory

- Technological risk mitigation
  - Knowledge of university

- Financial risk mitigation
  - Higher funding for SME
  - Seven years

- About 120 CDG-members
  - 30% of these members are SMEs!

Reduced time-to-market & lower risk!