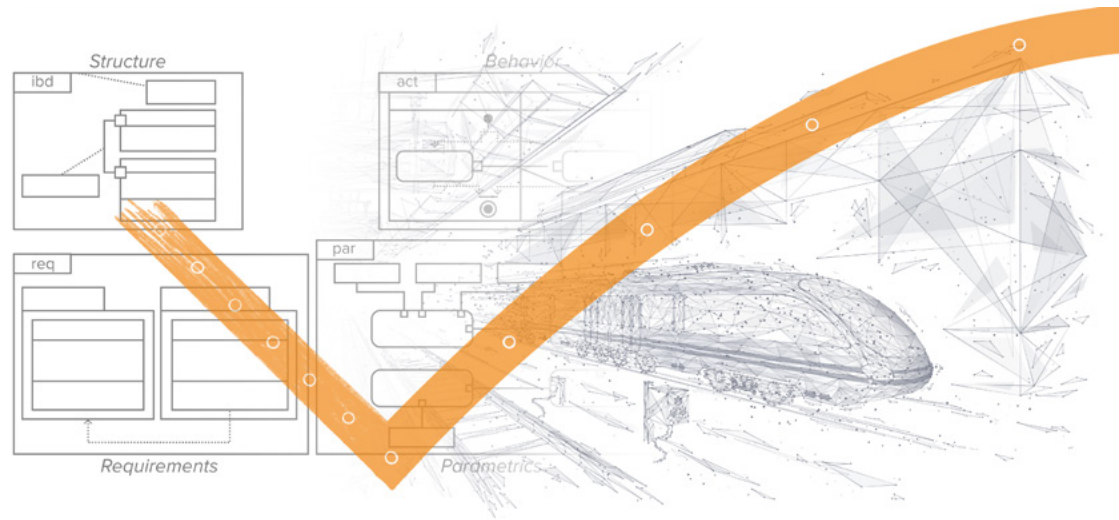




Systems Engineering

From Concept to Commissioning

Support for every phase of your project.

SIGNON is always at your service with an interdisciplinary team in the field of systems engineering. Whether you're at the start of a forward-looking digitalisation project or in the critical implementation phases of a modern train control system rollout - you can count on us.

Service and Expertise

- Develop concepts for new and existing systems
- Specify functional and non-functional requirements
- Model architectures and interfaces using SysML, UML, or ARCADIA
- Evaluate requirements, changes, and conformance throughout the entire process

Benefits



Expert knowledge

Interdisciplinary expertise in digital control and safety technology.



Shaping the future

Developing concepts for new and existing systems.



A Holistic View of the System

Considering interfaces, operations, and the lifecycle as a whole.



Ensuring Quality

Define requirements precisely and track them consistently.



Managing Complexity

Make dependencies transparent and identify risks early.



Increase Efficiency

Use models for verification, validation, and reuse.

Methodology and Approach

- Jointly clarify the system context, stakeholders, and project goals
- Capture requirements in a structured manner and ensure traceability
- Analyse impacts on security and operations early on
- Simulate system behavior and derive test cases for integration and acceptance testing

Impact and Integration

- Seamlessly integrate subsystems into the overall rail system
- Support migration, test runs, and commissioning
- Verify requirements and processes, validate solutions
- Reduce complexity, identify risks early, and support decision-making

Learn more about
our services:

www.signon-group.com

