



SIGNON SATvalid

Validating your data. For reliable systems.

Your challenges.

The introduction of new train control systems such as ETCS carry new challenges. Safe monitoring by these systems requires current and sufficiently precise topology data for the project. This ensures that the monitored distances match the real distances. Complete testing of all relevant distances by manual means is practically impossible. SIGNON SATvalid is the appropriate tool for the automated comparison of design or project planning data against the actual infrastructure the data of which can be acquired using SIGNON SATEngine. Besides distance testing, it is also possible to carry out telegram testing of beacons.

Our solutions.

Data acquisition with SIGNON SATEngine

- » Portable equipment
- » Option to accompany test runs
- » Reading out of judicial recorder unit (JRU) for telegram data
- » Main objects: points, signals, beacons

Data verification with SIGNON SATvalid

- » Reading in of SIGNON SATEngine measurement data
- » Reading in of configuration data (for example, RBC route atlas)
- » Automated comparison of distances against compliance with tolerance values
- » Automated comparison against programmed beacons
- » Options: gradient test, rule testing

The measured data and test results are provided as maps or reports. After corrections option for further testing.

Your advantage.



More efficiency.

- Dynamic data acquisition
- No track inspection
- No specific measurement runs



More safety.

- Automated testing
- Complete test coverage
- After corrections option for further testing.



High integration capability.

- Configurable tests
- Expandable import formats
- Flexible data output (reports / maps)

References.

SIGNON SATvalid is being used worldwide for rail infrastructure projects, e.g.:



Austria (Thales/ ÖBB) – Unterinntal:
108 km, ETCS L2



Germany (Ansaldo/ DB) – Rostock-Berlin:
30 km, L2



Germany (Siemens/DB) VDE8
Erfurt-Halle/Leipzig: 120 km



Austria (Thales/ ÖBB) – Vienna-St. Pölten:
60 km, ETCS L2



Austria (Siemens/ ÖBB) - Corridor E:
90 km, ETCS L2



Hungary (Siemens) - Székesfehérvár:
55 km, L2

Why SIGNON?

We offer our customers the best possible range of solutions, and our network ensures that you will get the ideal solution for your company. To do this we look over the garden fence and are constantly seeking new and innovative solutions. The key words in this endeavor are respect and competence.

Our focus is on the whole world.

Our competencies are being applied all over the world – from Brazil to Vietnam, from Australia to Norway. More than 5,000 projects to date. As different as requirements may be, our customers always benefit from our wide portfolio and our networked services.



One-stop service provider for infrastructure projects.

Our cross-system planning and consulting services for short and long-distance traffic range from conceptualization to the optimization of operations. Find out more about our services! Or better yet, pay us a visit at www.signon-group.com!