

The Challenge

Swedish State Railways has a rolling stock company which rents out trains to franchisees. Before and after each rental period, and when doing large modifications, each vehicle is inspected. The inspections are done all over the country, while the Swedish State Railways office is in Stockholm.

Swedish State Railways required an IT solution which:

- Supports inspections in the field, without installation at the user's site;
- Is self-administering when the vehicles are rented out;
- Facilitates unlimited analyses in Microsoft Excel anywhere; and
- Grants user access to inspection protocols according to permissions.

Our Solution

Transrail chose a web-based solution using standardised security to create VIS, the Vehicle Inspection System. Some highlights follow:

- VIS is ready to run with 16 different databases, including Oracle, MS SQL, and IBM DB2
- It is standards-compliant, for all application servers conforming to Java Community Process specifications.
- Layout and graphics can be configured for different channels such as mobile phones and handheld computers.

Littera	Individnr	Datum
A7	5261	2003-12-06
AB3	4870	2003-12-16
AB3	4872	2003-12-12
B1	4903	2003-12-05
B1	4904	2003-12-06
B1	4905	2003-12-02
B1	4922	2003-12-08
B1	4924	2003-12-07
B2	5528	2003-12-09

The system owner is automatically notified when a new inspection has been done, as well as who did it, where, when, and on which vehicle. The inspector can copy old inspections as a starting point for new inspections.

Using Microsoft Excel Data Query, the user has unlimited access to inspection data and may extensively analyse it. A proficient Excel user can do a moderately complex analysis in half an hour.

Contact us to log in to our demonstration page.

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