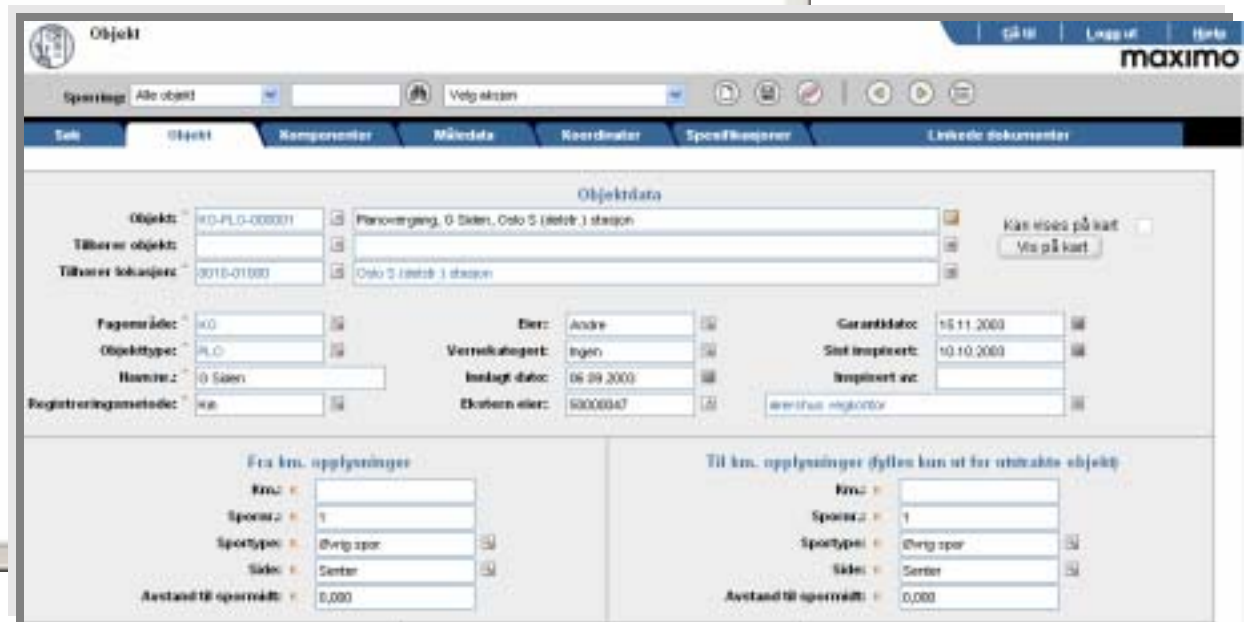# National Railway Data Bank

- Information of all tracks & technical installations
- Map based
- Running on Internet/Intranet
- Transforming of existing data to new datamodel
- 1200 users and 100 expert users
- Training of organisation
- Developed by ViaNova & Partners for Norwegian State Railway
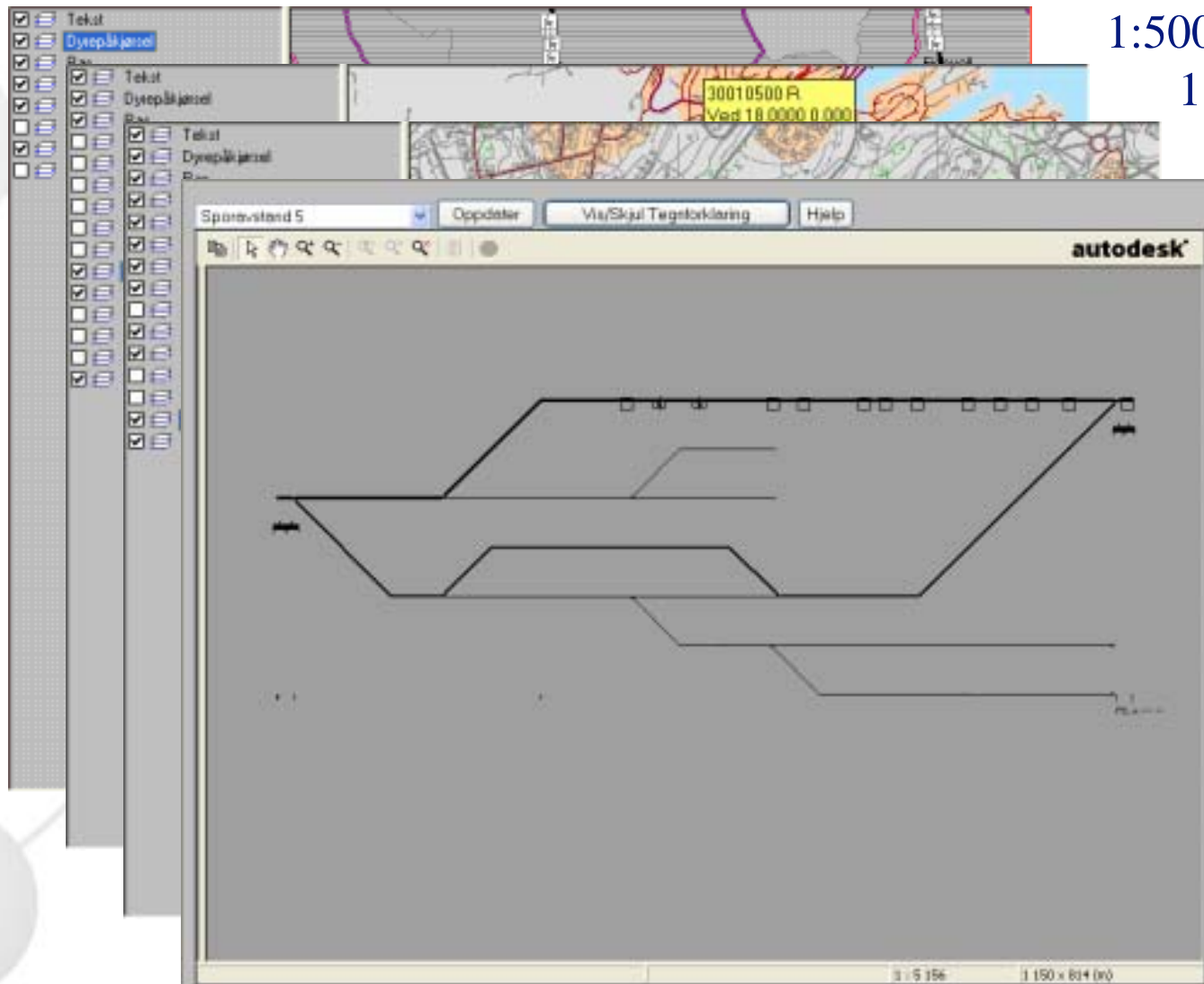- Contract signed 2001 and deliver 2004

Web user interface

1:500 000

1:50 000

1:10 000

Schematics

From 1:20 000 000 – 1:1

Buffer

Find nearest road/path
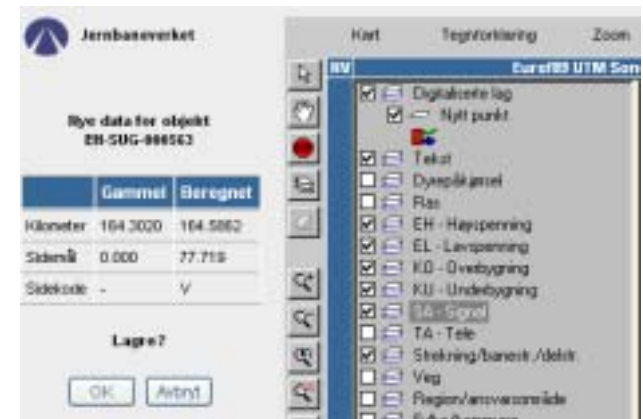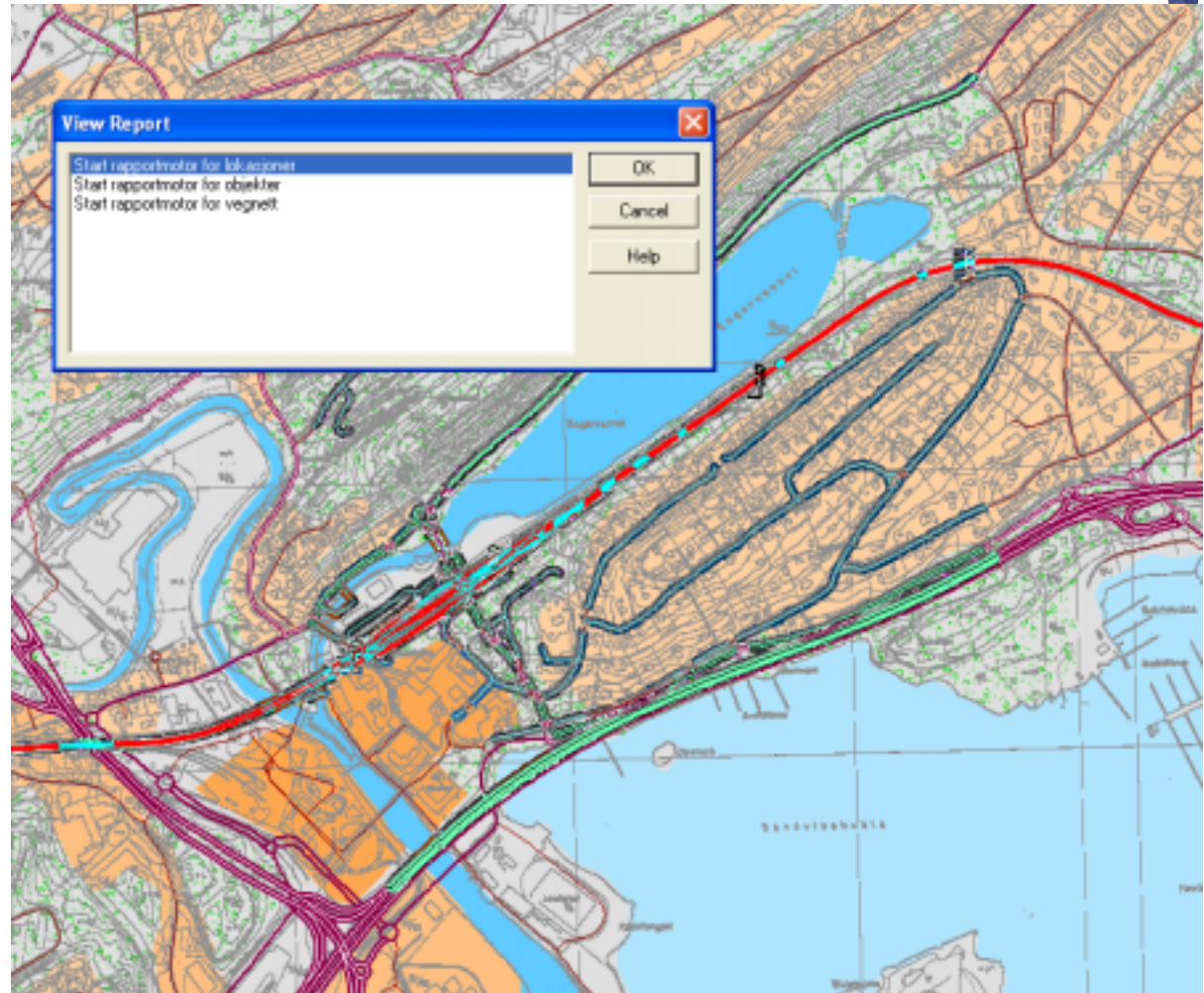

Treeview, search, select, zoom

Simple object digitizing and positioning

Railway Data Bank
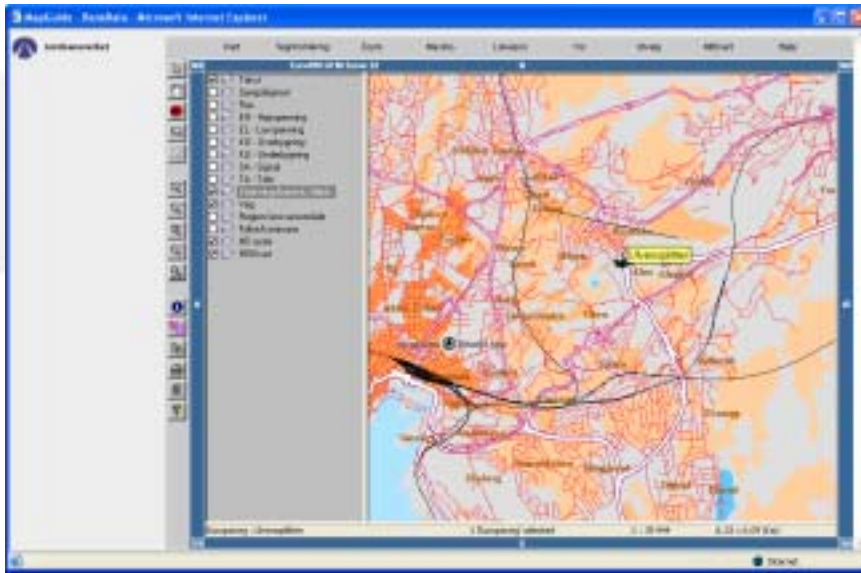
- Special Reports for:
  - Objects
  - Locations
  - Road-network
  - Events

Data: Oracle/ Oracle spatial

Geo datamodel: Quadri

Map on web: MapGuide

Reports: Actuate

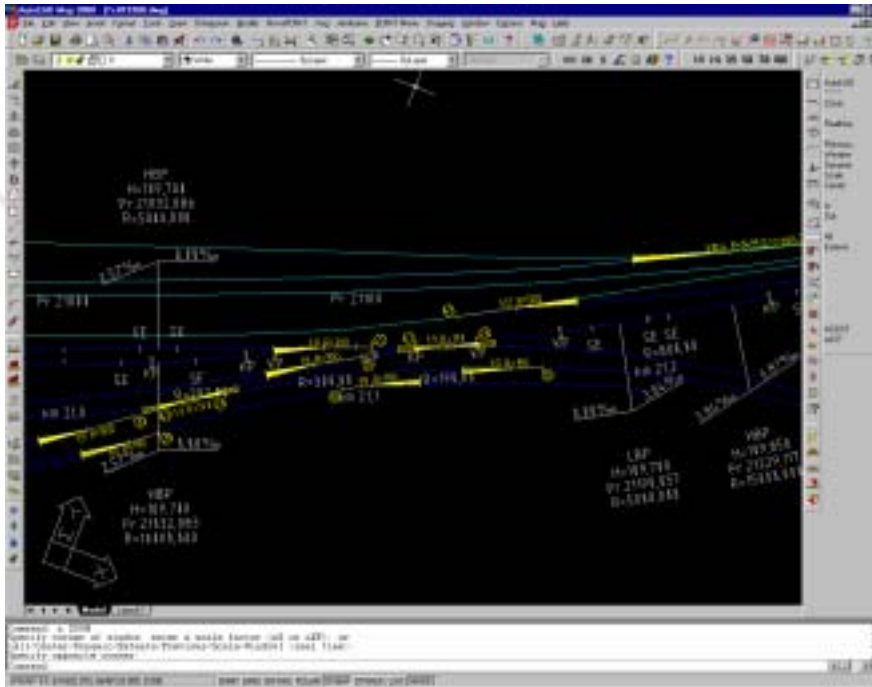*CAD system:* Novapoint Railway and Autodesk MAP

Maintenance model: Maximo

Interaction with data from detailed design

Break in form.plane is inserted when the height differential is greater than 0.3m