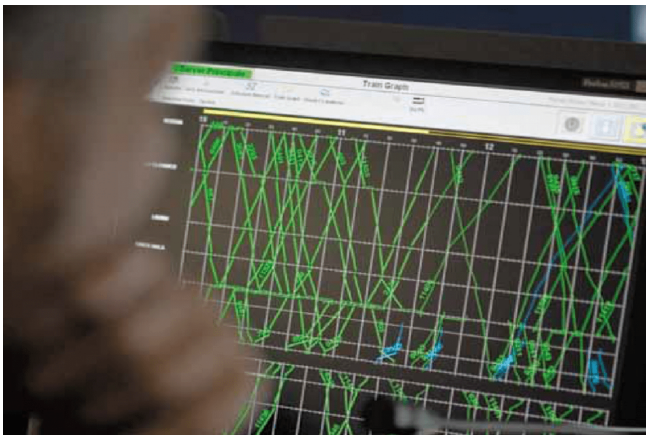
Operational scenarios for a new traffic management system in Norway

The Norwegian railways are replacing all signalling assets until 2030 and are introducing ETCS level 2 at the same time. A first step is the network-wide introduction of a new traffic management system, in order to replace the inefficient patchwork of existing traffic management systems and locally controlled stations.

To obtain a basis for tendering and design of the new traffic management system, it was necessary to set up operational scenarios that describe how the new traffic management system will be used to deal with operational situations under the legacy signalling systems and ETCS level 2.



Place
Oslo

Client
Jernbaneverket (from 01.01.2017 Bane NOR)

Period: 2016

Delivered services
- Definition methodology and framework of the scenario development
- Execution of workshops to identify the contents for the scenario description
- Consultation of the customer organisational unit and revision of the description

Specifications
- Network length: approx. 4000 km, mostly single track
- Passengers in 2010: 58 millions
- Freight in 2010: 27 millions of tonnes