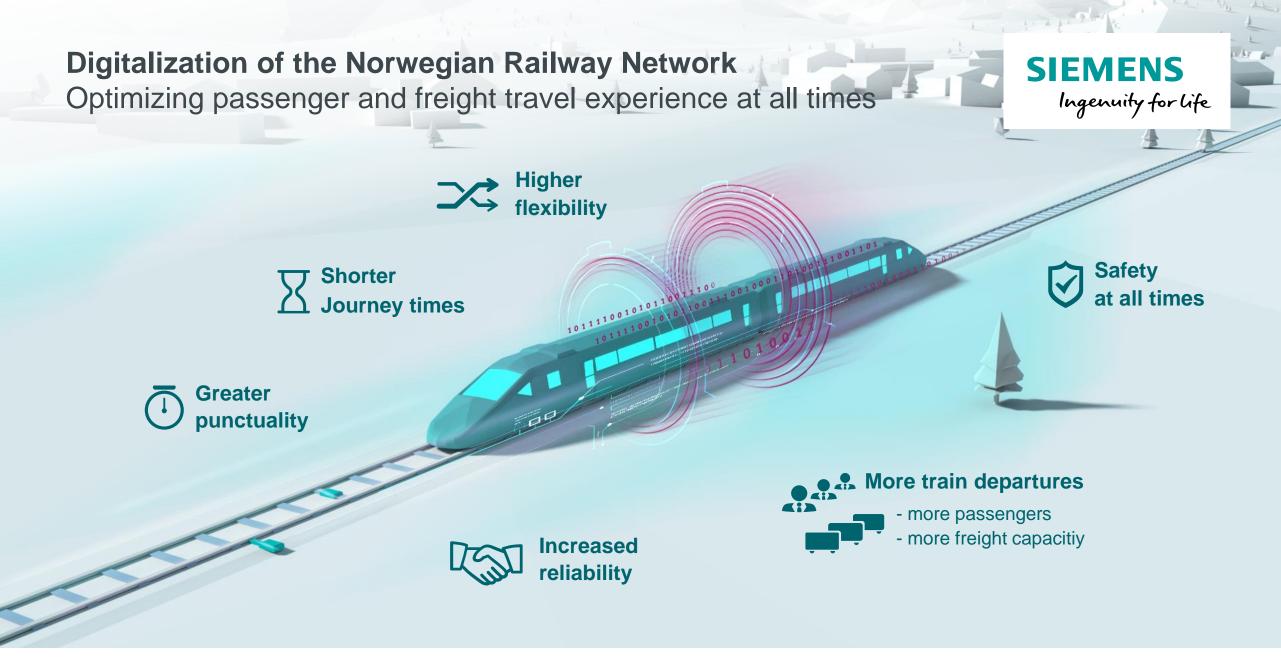


Norway ERTMS Trackside

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Project Dimensions Biggest Signalling Contract for Mobility Management



...and one of the largest signalling projects that have ever been tendered

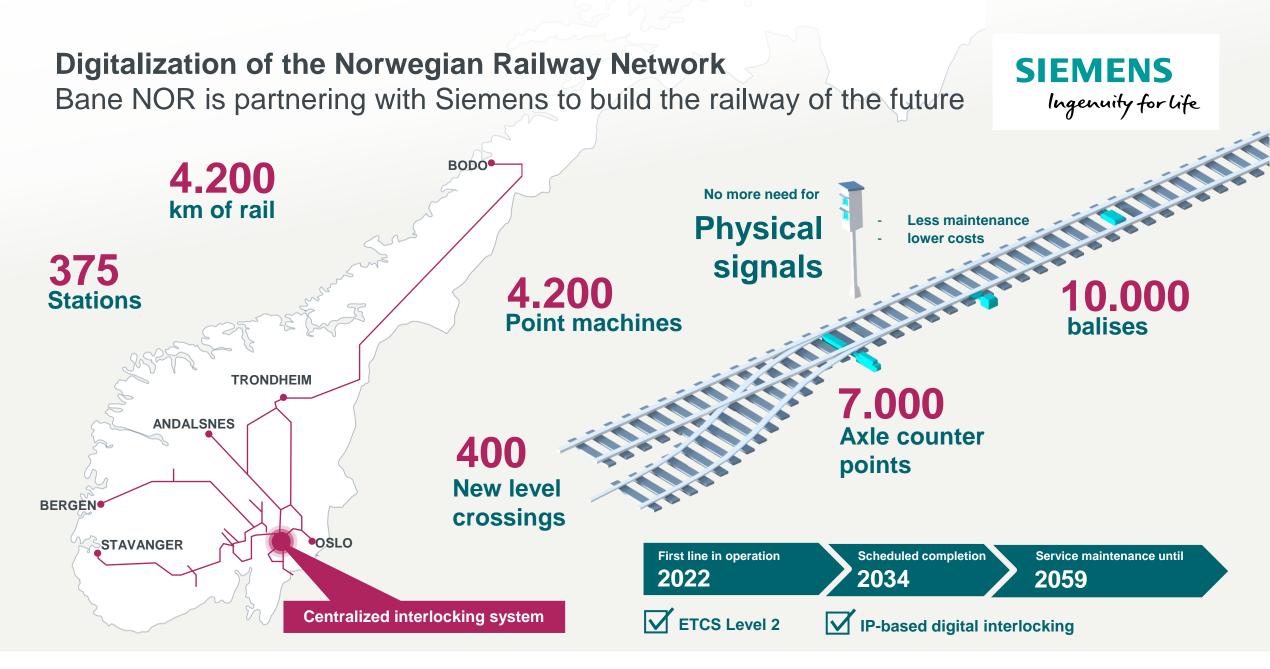
Duration:17 years / 25 years maintenanceTracks:4169 route km (337 km double track)
695 km tunnels, 2506 bridges, 375 stationsScope:ETCS L2 Baseline 3 (Trainguard 200)
Virtual block sectioning
Trackguard Simis W / Sinet Interlocking

Field Elements

- Point Machines
- Level Crossings
- Axle Counter
- Balises
- Marker Boards

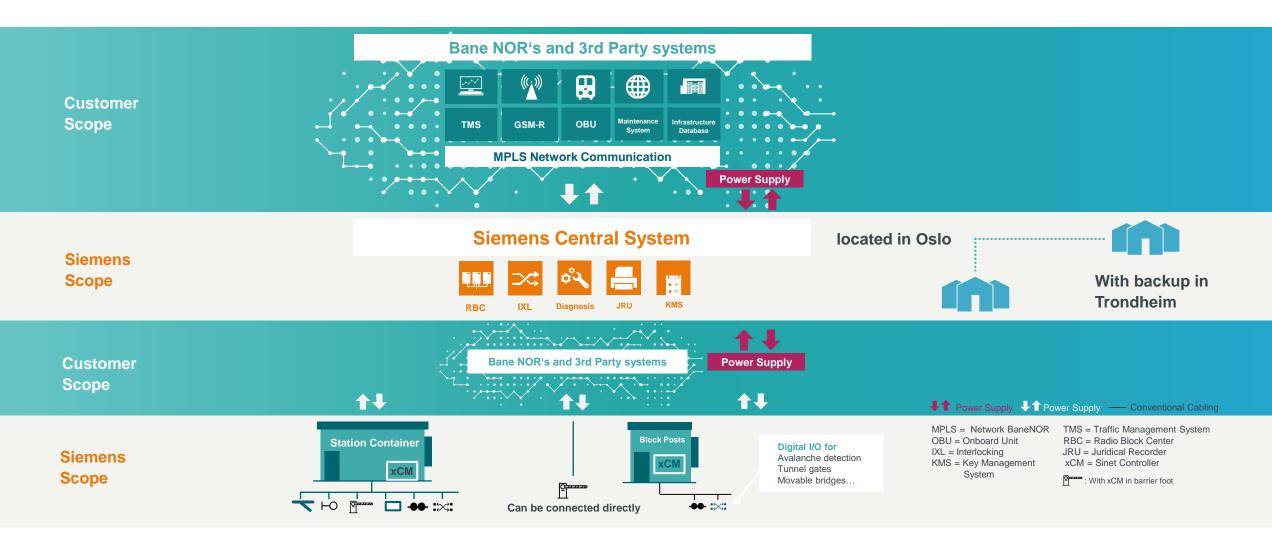
Sidis Diagnosis System IT-Security aligned with IEC 62443 and ISO 27001 Key Management System BIM360 Test lab in Norway (with simulated TMS and OBU)



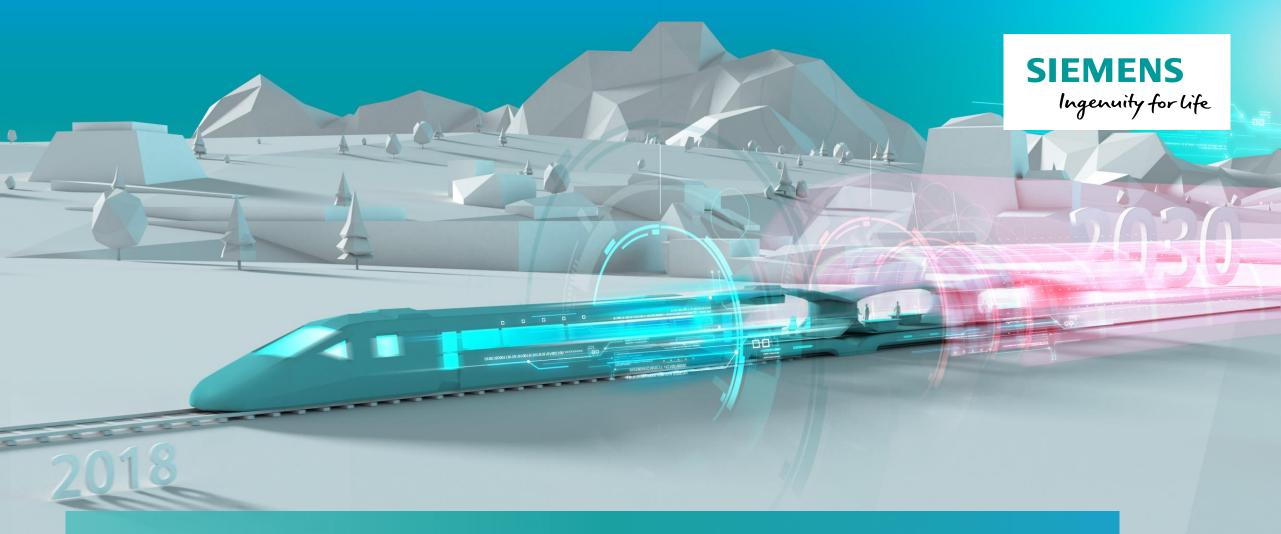


System Architecture One central interlocking and RBC in Oslo (backup Trondheim)





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We turn your vision into reality.