

Digitalization in Siemens Project Business

PM@Siemens -

The smart way to deliver high-tech projects









Our purpose has guided us for more than 175 years:

We create technology to transform the everyday, for everyone.











Our digital portfolio

Top 10

Siemens is one of the top 10 software companies¹

€6.5 bn

digital revenue¹ with 10% CAGR until FY 2025



Data analytics



Al and loT



Simulation tools

>1,500

digital offerings on Siemens Xcelerator Marketplace²

€14 bn

invested in digital companies since 2007¹



New business models



Secure connectivity



Cybersecurity

¹ As of September 30, 2022

² Includes offerings by Siemens Xcelerator Marketplace sellers as well as Siemens offerings, as of August 4, 2025

Digital transformation has the potential to drive progress and growth and reduce resource consumption in all businesses

Infrastructure



Mobility



Industry



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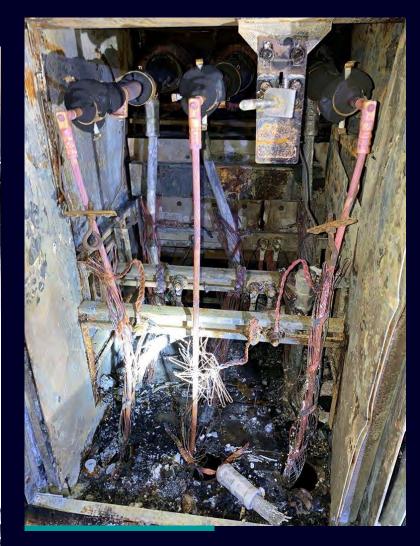




An arc led to the complete destruction of the medium-voltage system...







What did this mean for our customer in numbers?

6-7 months shutdown

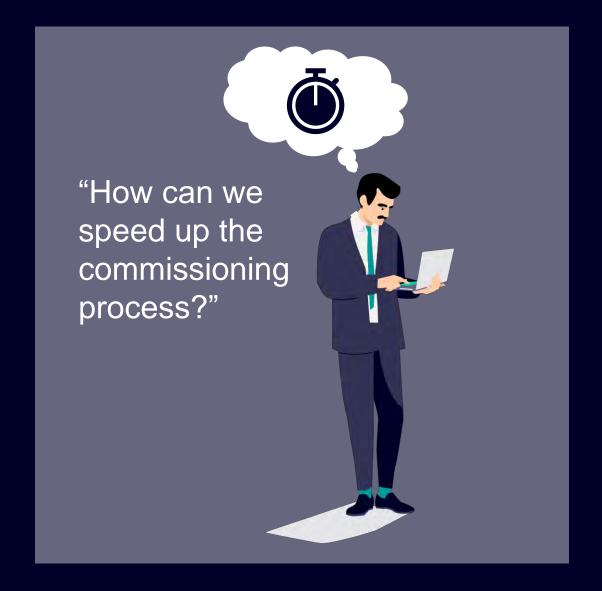
of a complete substation until reconstruction

Loss of 2000€ per hour

due to no grid feed-in – no electricity sales

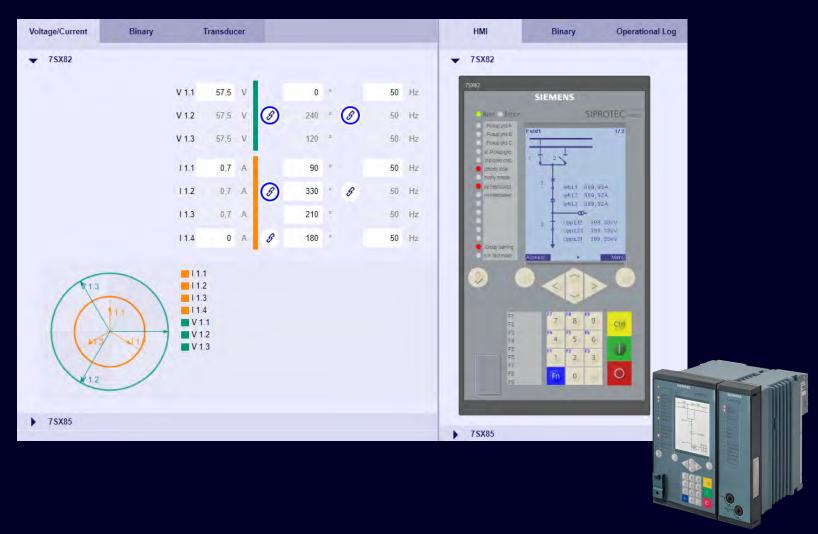
Overall loss: ca. 5 Mio. €

Time was pressing...





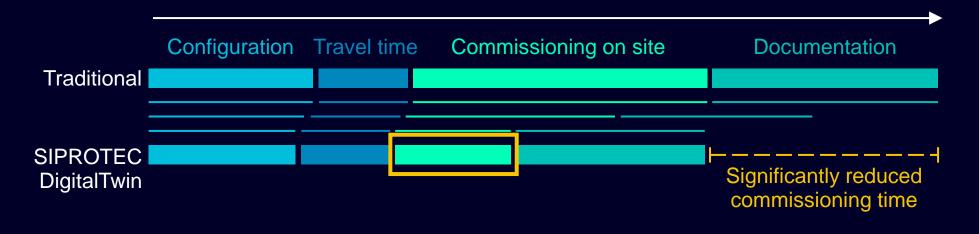
Digitalization behind the scenes SIPROTEC DigitalTwin



Benefits:

- Hardware free testing supporting all SIPROTEC 5 devices and firmware versions
- Saves time and resources protection relay configurations can be pre-tested even without any hardware

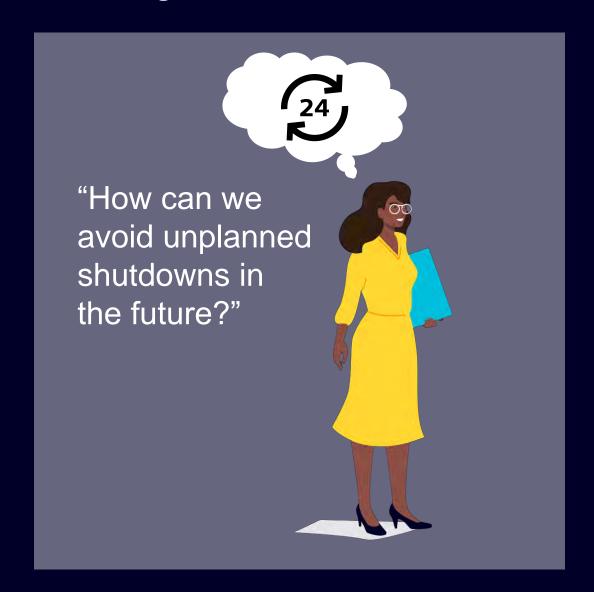
Faster commissioning with our digital solution - SIPROTEC DigitalTwin





- Pre-test protection relay configurations before going on site without real hardware
- Shorten your time-to-operation significantly

Preventing the Next Failure





Electrification X

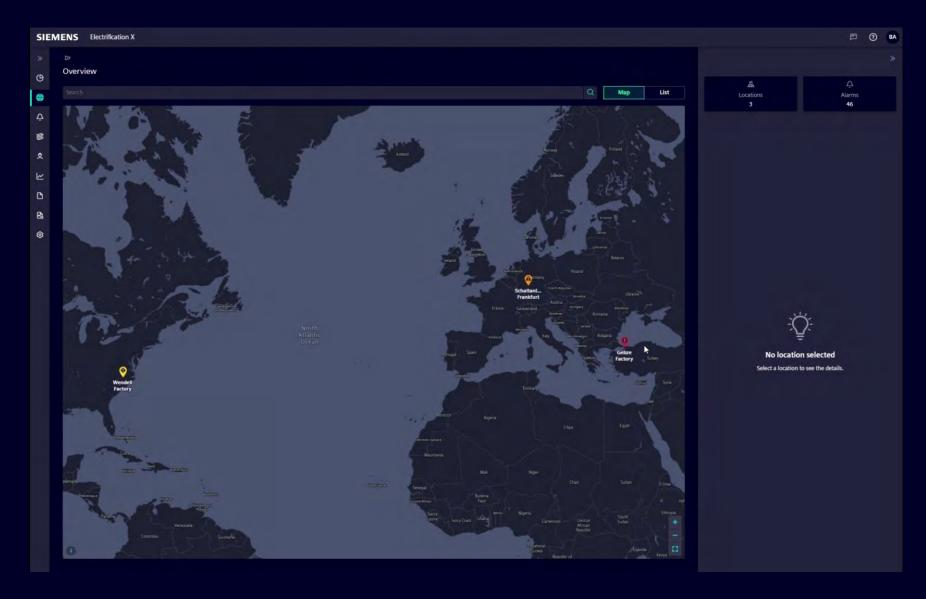
One integrated IoT suite to master the key challenges of the energy transition

- Increase asset uptime, reliability and availability, while reducing OPEX and CAPEX
- Plan preventive or corrective actions well ahead of time with early warning indications and alarms
- Reduce energy costs and CO₂ emissions
- Localize and manage network faults efficiently
- Ensure cybersecurity



Service Project Management with Electrification X – Asset Management





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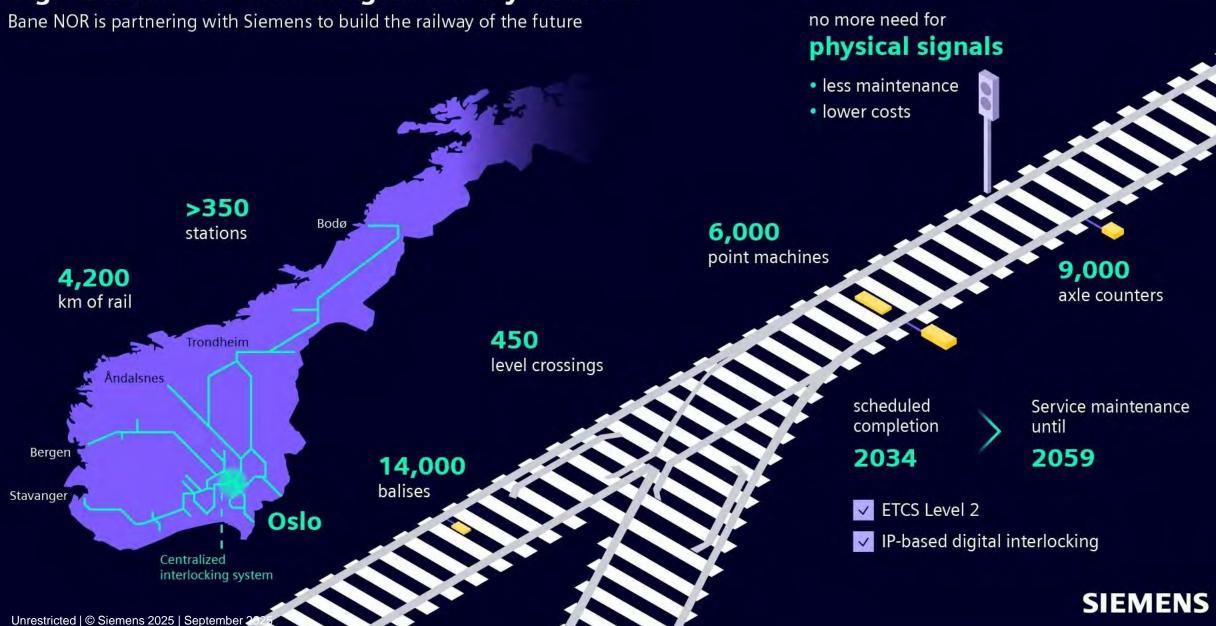


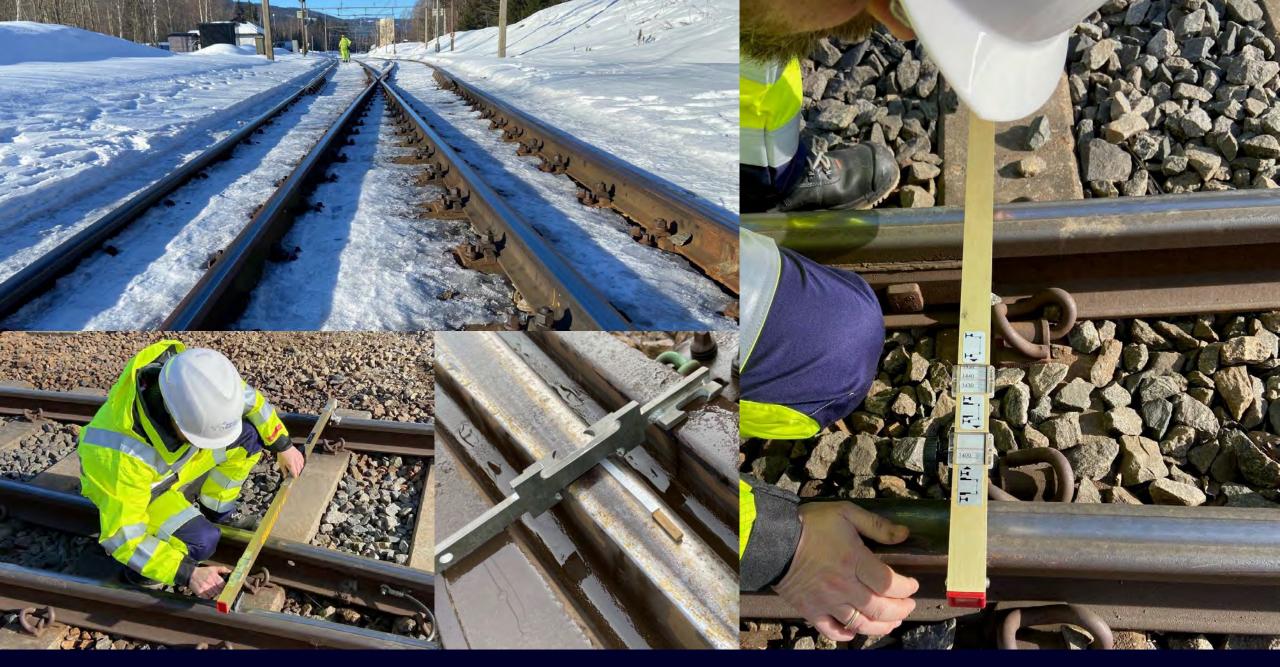
Digital Value Creation How a robot connected to Railigent X can do site survey

An innovation project with Siemens Mobility Norway and Railway Robotics

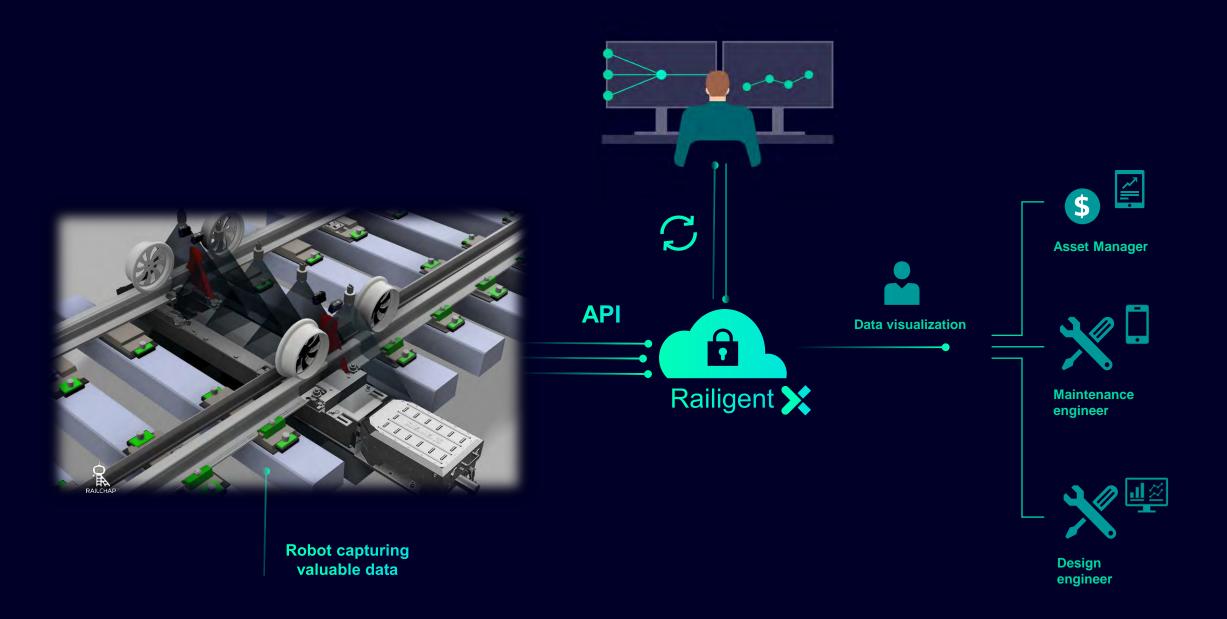


Digitalization of the Norwegian railway network









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Digitalization? That's us.

Siemens Digital Industries Software





Oracle Red Bull Racing leverages Siemens Xcelerator



Siemens Xcelerator for design testing validation and manufacturing

Under high-performance constraints



Accelerating part design and aerodynamic iterations

Teamcenter / Fibersim / Simcenter NX™ CAD / CAM / CAE

1000%

Quicker aerodynamic throughput 300%

Faster design cycles

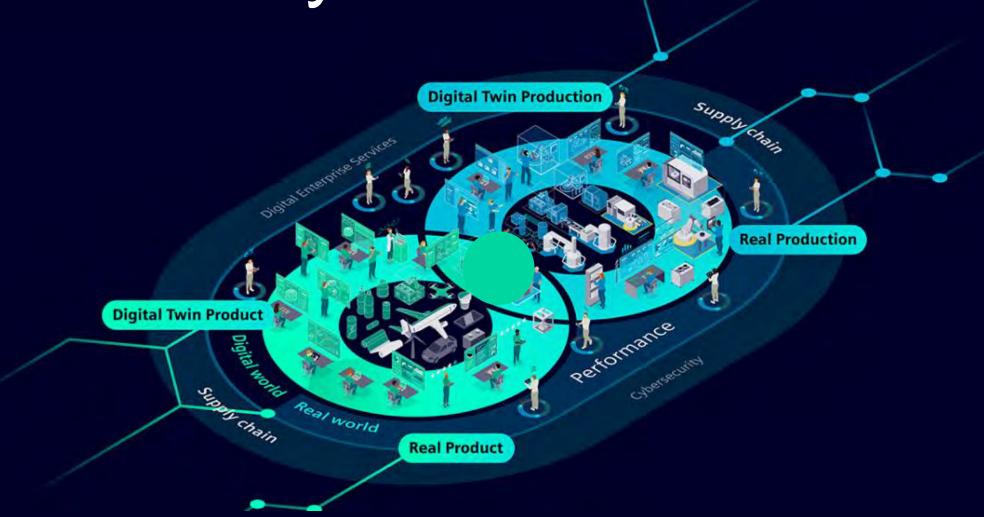
30%

Improvement design-to-delivery of key components

Weeks to hours

Reduced design sign-off

Project delivery



How? We are Siemens, we are following the process.

Project Management @ Siemens

Really?
One PM process
for all that different
businesses?



Methodology

Agile Framework Implementation

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Our AI strategy for Project Management

Accelerate Project Management @ Siemens



Handover



Validate



Iterate



Deploy



Optimize



Seamless information flow from Sales to Service













Our Lessons Learned

Al is great and will accelerate our business – but it needs a well-designed strategy to deliver a long-term value

We are following our process to design powerful and sustainable Al solutions

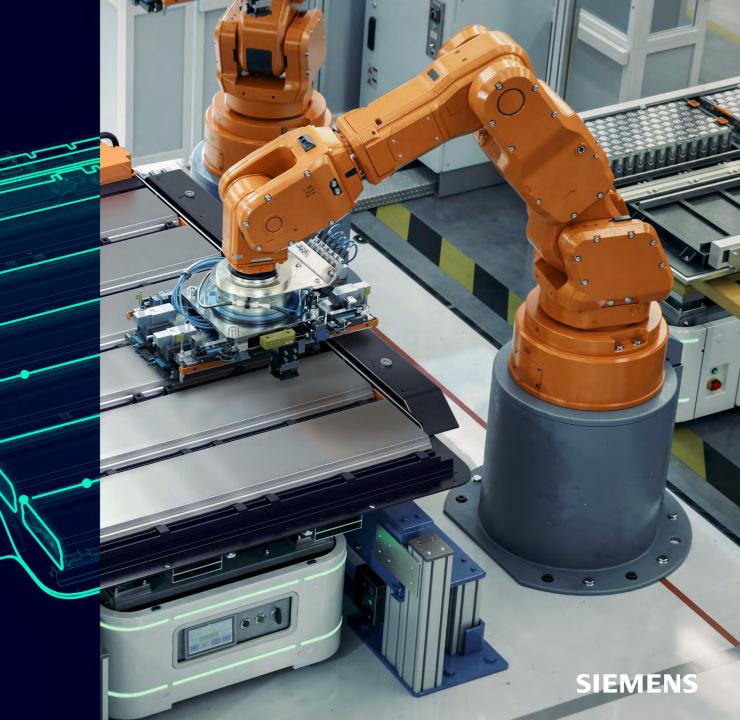


Red Bull

"With Siemens, we've got the digital backbone that lets us turn ideas into reality faster than ever."

How we fulfill our purpose, is defined by our strategy:

We combine the real and the digital worlds.



PM@Siemens - What makes us unique



Methodology

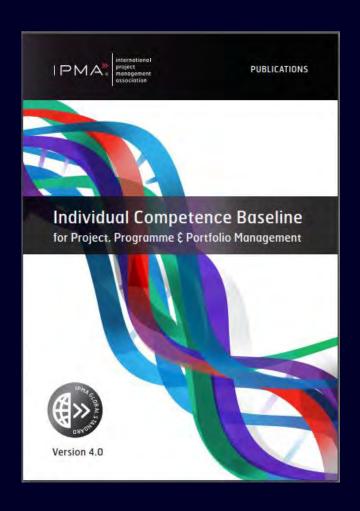


Learning & Development





Community



We create technology to transform the everyday, for everyone.



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