

Pre-Press Conference – InnoTrans 2018

June 13, 2018 | Sabrina Soussan and Michael Peter

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Global megatrends lead to increased traffic volumes





By 2050: Worldwide, additional 2.5 bn people will live in cities



Since 1965: In the UK, the distance a person travels has increased by 70%

United Nations, World Urbanization Prospects: The 2018 Revision

Department of Transport, England Transport stats 1965 – 2015

In an era of interconnected and digitalized mobility, travel behavior is changing











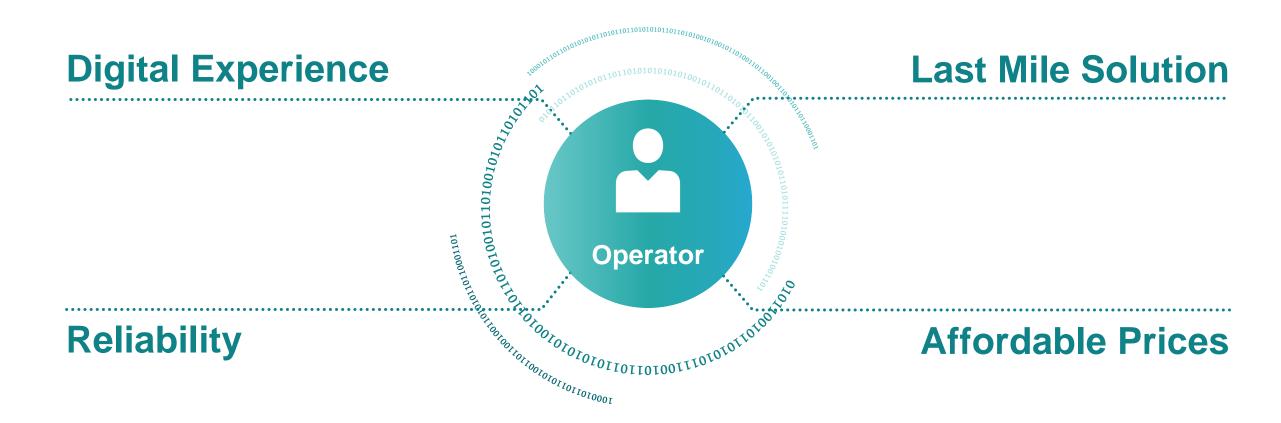




One single interface

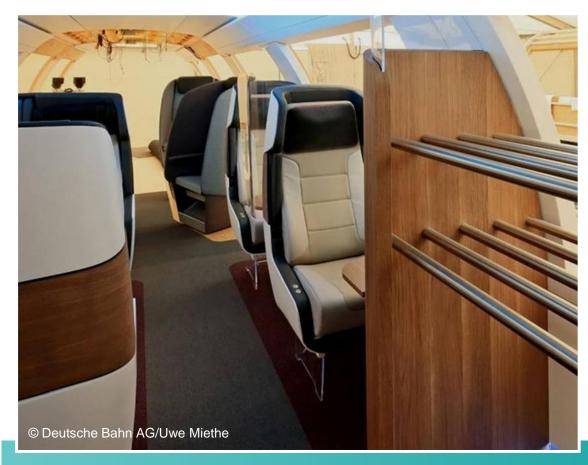
In the face of new competition, transport operators need to expand their offering

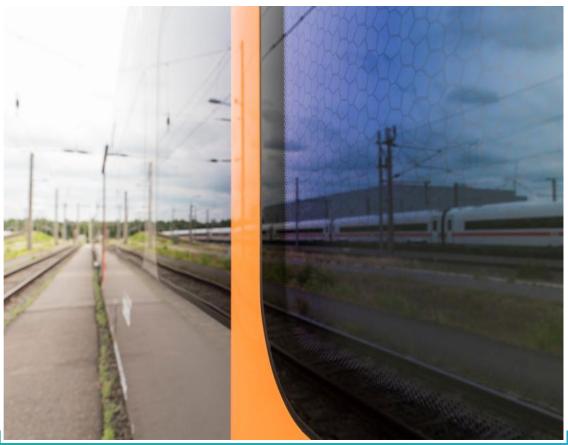




What does this mean for railway vehicles ...



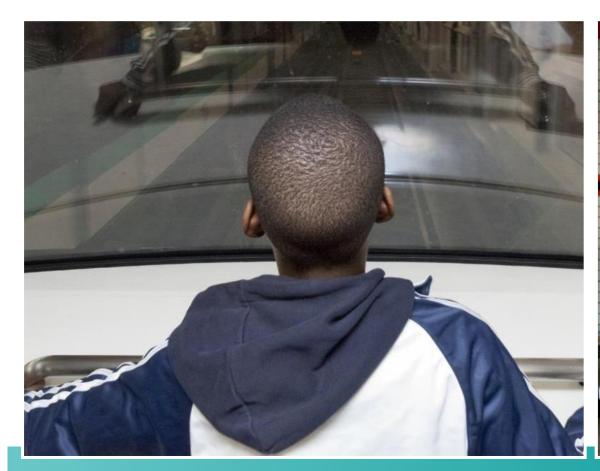




... digital ride experience and enhanced passenger information systems

What does this mean for operations ...



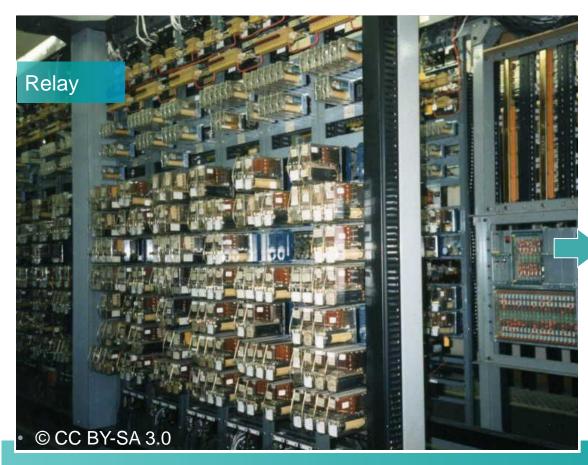




... they become automated

What does this mean for infrastructure ...







... less cabling and hardware

With digitalization, we enable mobility operators worldwide to ...



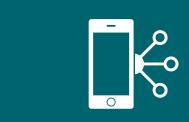
...make trains and infrastructure intelligent

...increase value sustainably over the entire lifecycle

...enhance passenger experience ...guarantee availability









Our industry is consolidating



Ongoing industry consolidation over recent years ...

Revenue of rail activities (€ bn) Last available financial year⁵



Rank second in mobility industry

1 Announcement date | 2 Including revenue related to Rail Traction Business currently reported in Process Industries and Drives | 3 Pro-forma including Faiveley

4 Transaction still pending | 5 For Alstom FY2017

"We are Siemens Mobility"

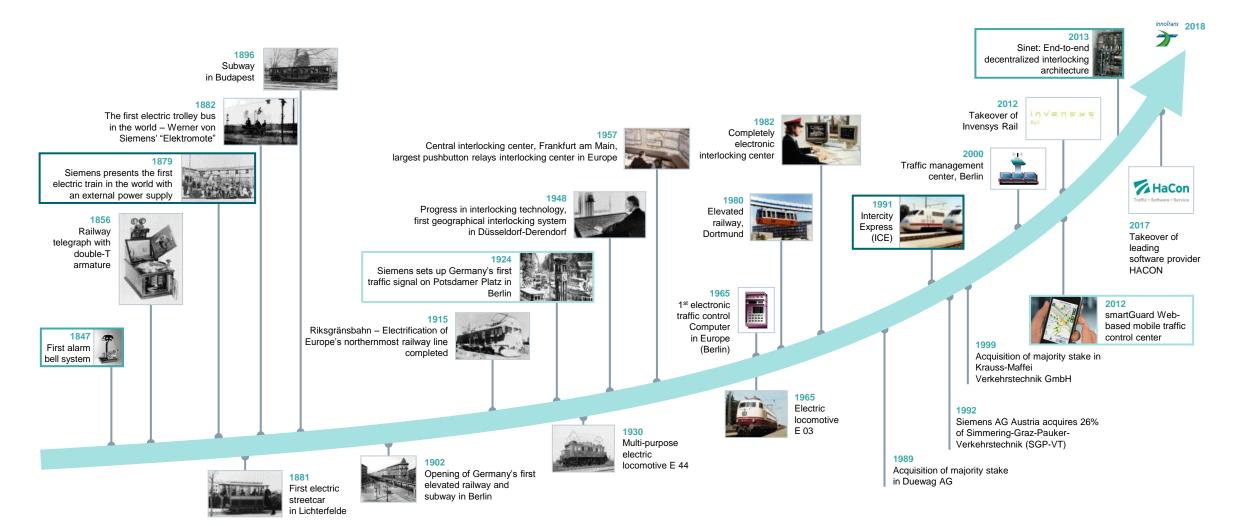


VIDEO



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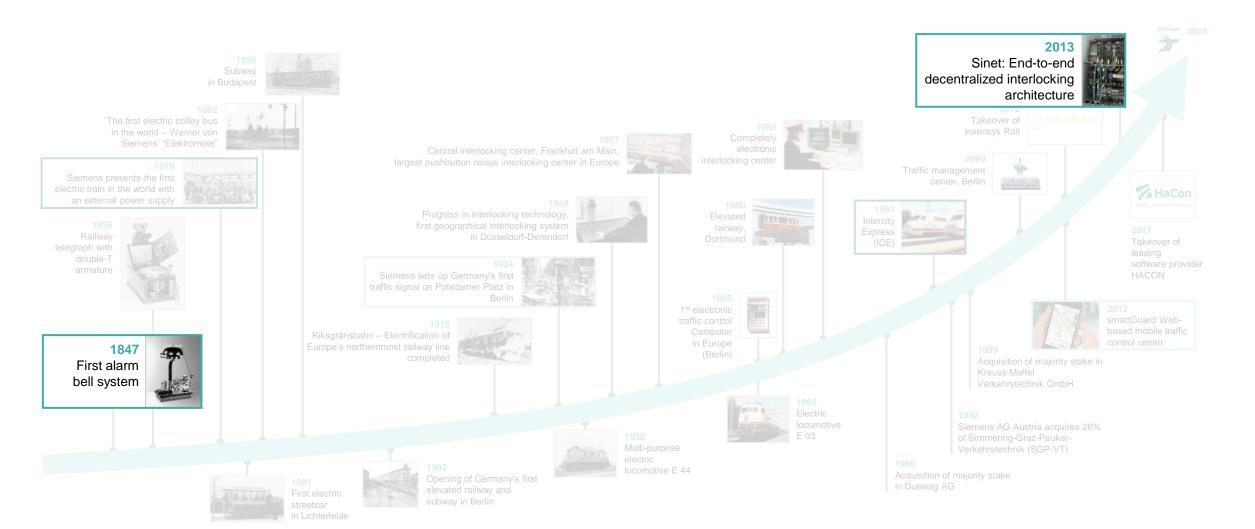




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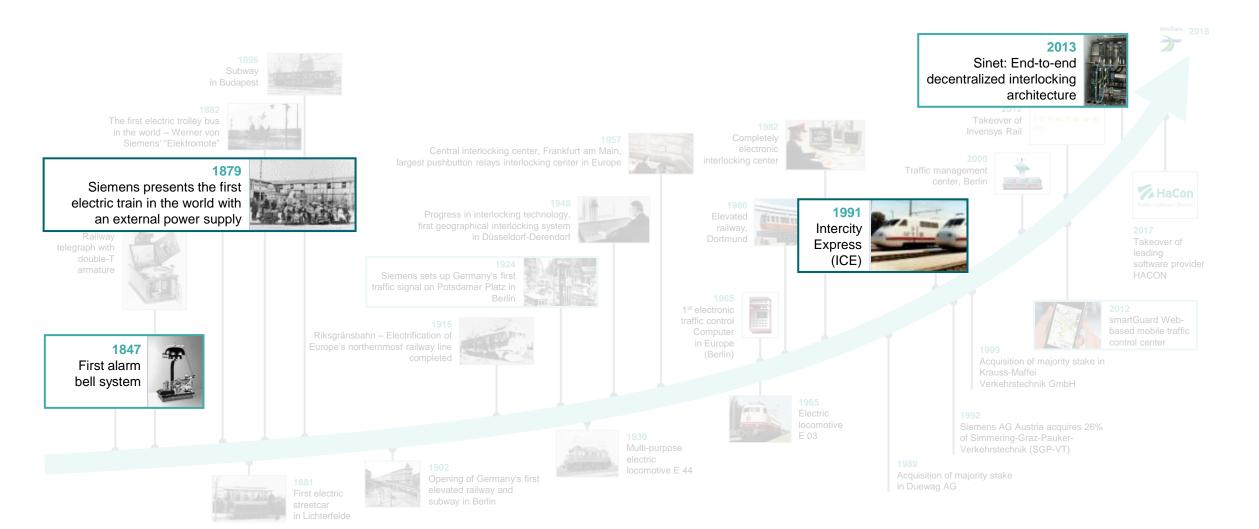
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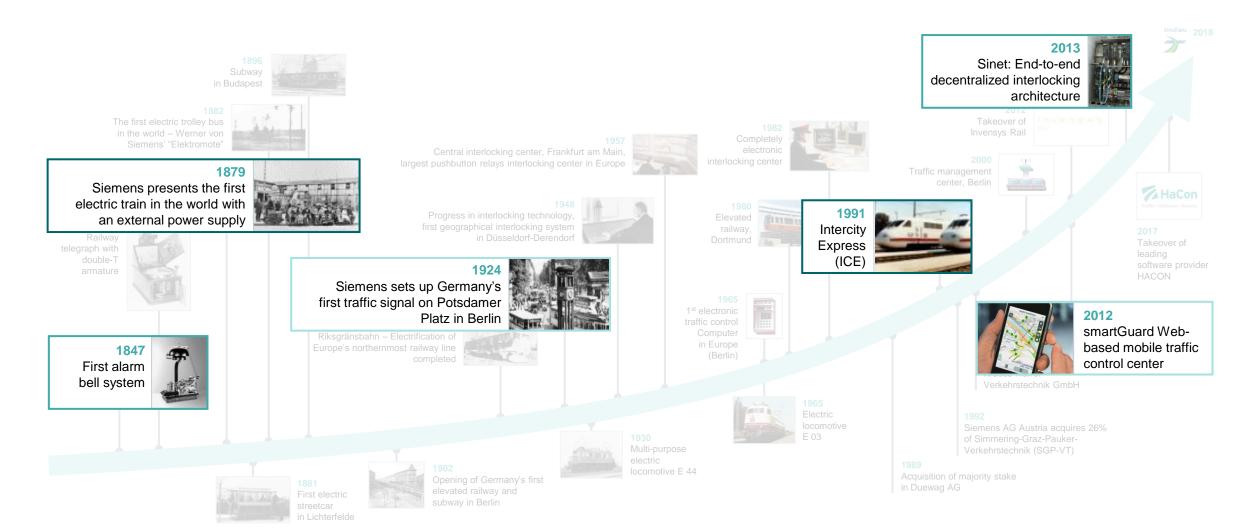
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We are Siemens Mobility



Legally separate entity

Globally

Along the entire value chain

Shaping connected mobility!

We share a #PassionForMobility



30,453

employees worldwide

91%

of employees "willing to go beyond expectations to help Siemens succeed" (Siemens Global Engagement Survey 2017)

1,106

patent applications since 2014/2015



16,500

employees for more than 10 years with Siemens Mobility

2018

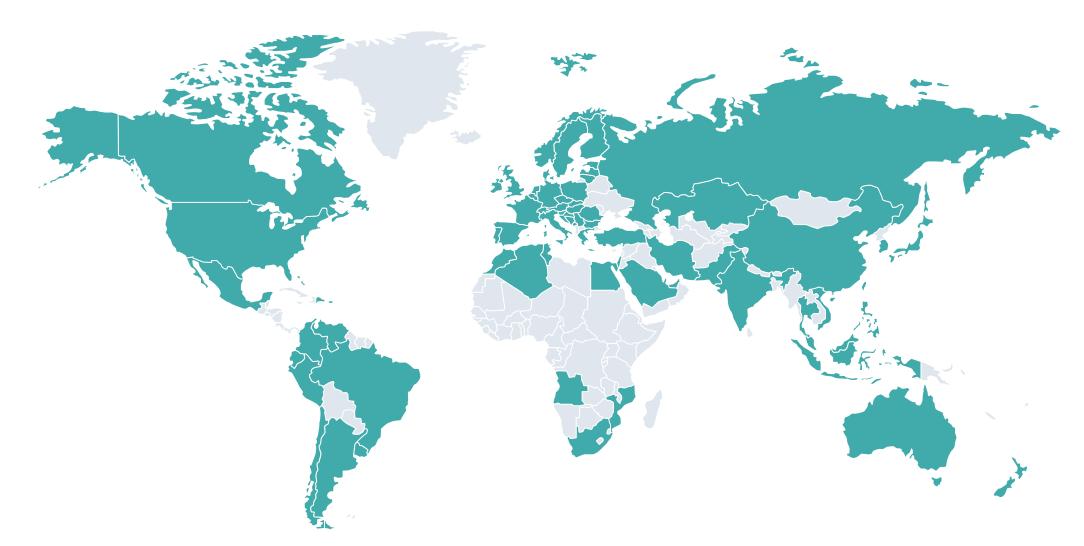
R&D employees

850

apprentices

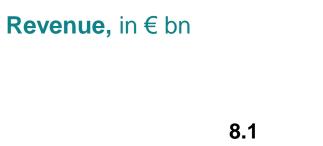
We are close to our customers – Locations all over the world





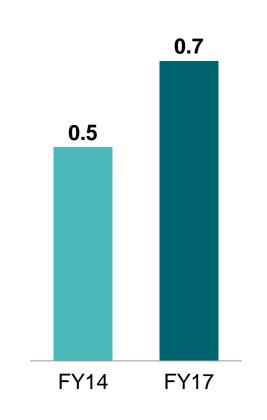
Excellent growth and industry leading margins

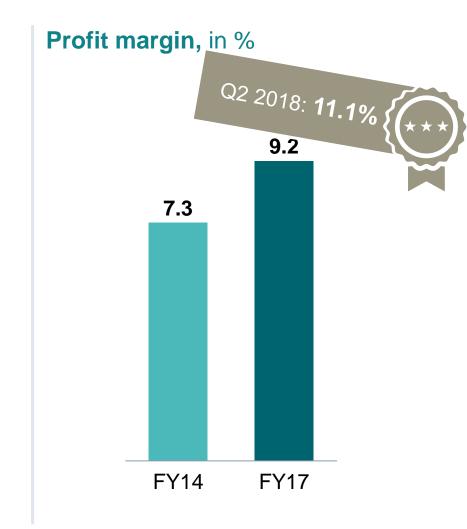








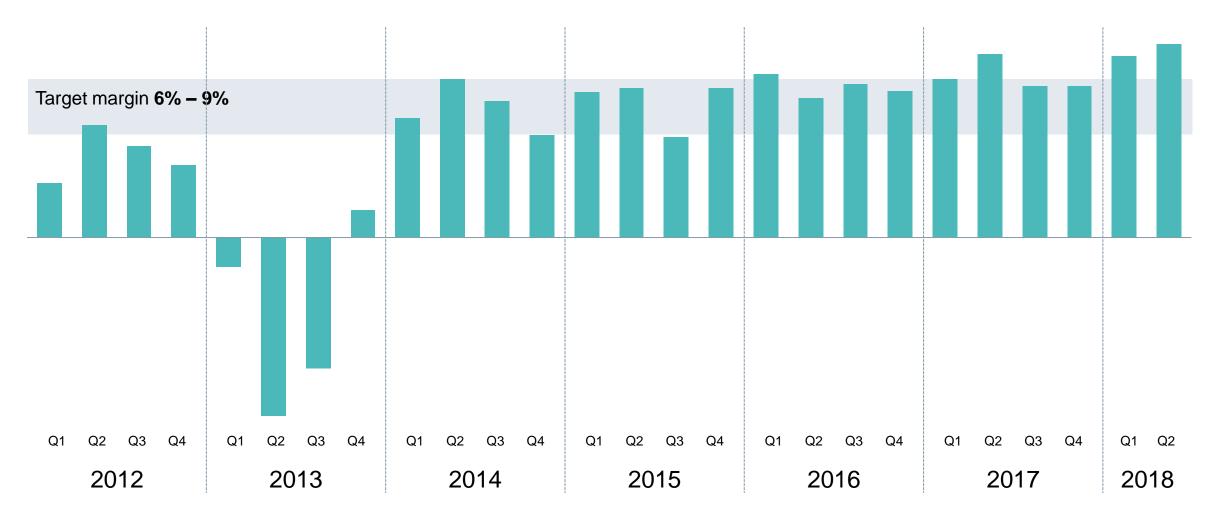




Mobility Division only

Profit margin – Stable value generation





From 2012 to 2018 Siemens Mobility underwent several organizational changes and acquisitions. Figures are therefore not comparable from year to year. Rail Traction business not included.



SIEMENS ALSTOM

Siemens Alstom transaction is still pending and subject to regulatory approval and closing.

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Siemens Alstom¹ – Generating more value out of a position of strength



65.000 employees

Over **60** countries





Siemens Alstom

A global player in Rolling Stock,
Signaling,
Services, and Systems

€15.6 bn revenue

€59.3 bn backlog

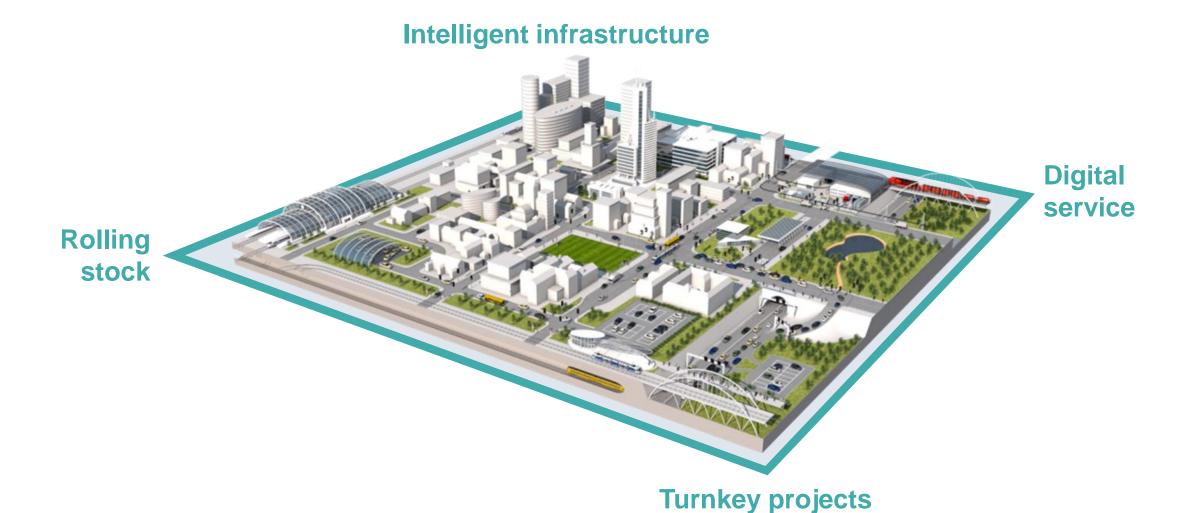
1 Siemens Alstom transaction is still pending and subject to regulatory approval and closing.

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Serving our customers along the entire value chain – We are shaping connected mobility





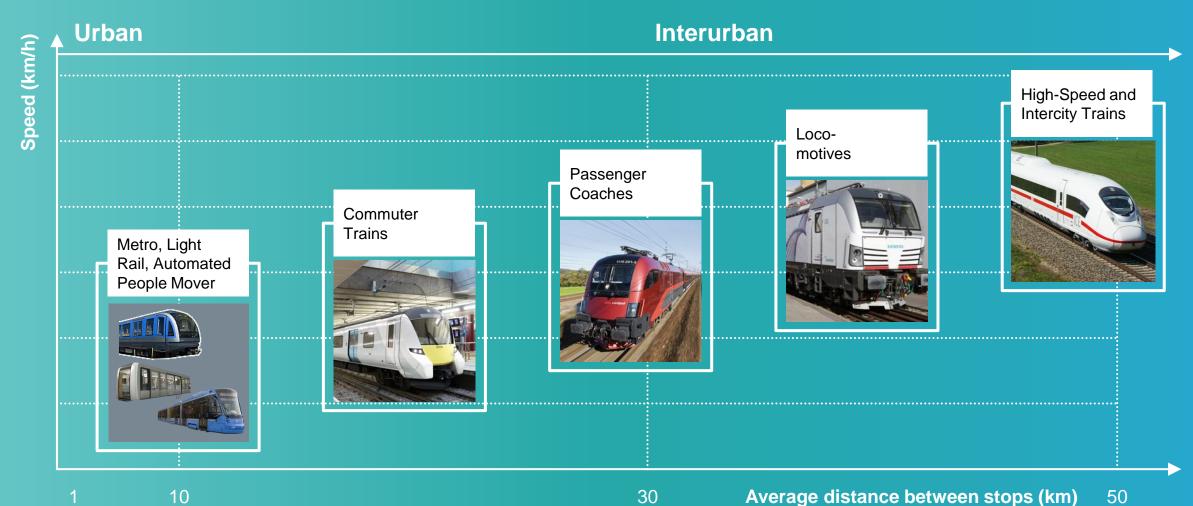
Rolling stock Turnkey projects

Shaping connected mobility with

Rolling stock

A portfolio for all distances and speeds





Vectron

Strong platform and cross-border reach



SIEMENS

Mireo

Modularization for flexible and comfortable commuting



New drive systems

Battery power and fuel cells





SIAPS

Super efficient auxiliary power supply for trains



Shaping connected mobility at ...

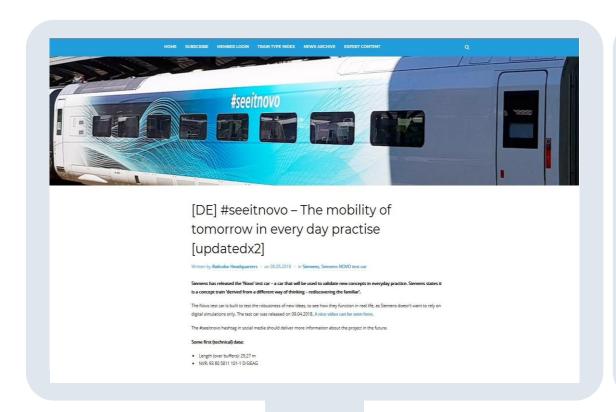


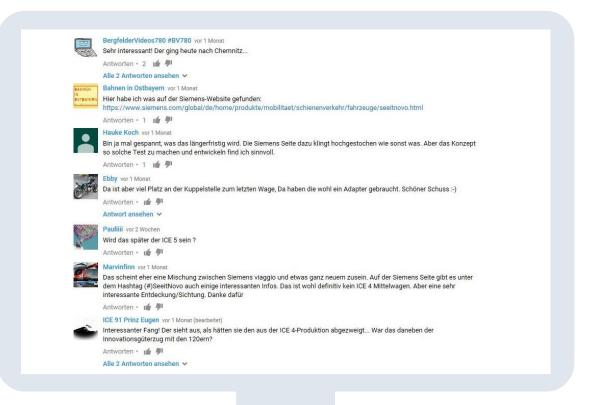


Highlights 2018

In recent weeks, people have been spotting something ...







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4,170 9

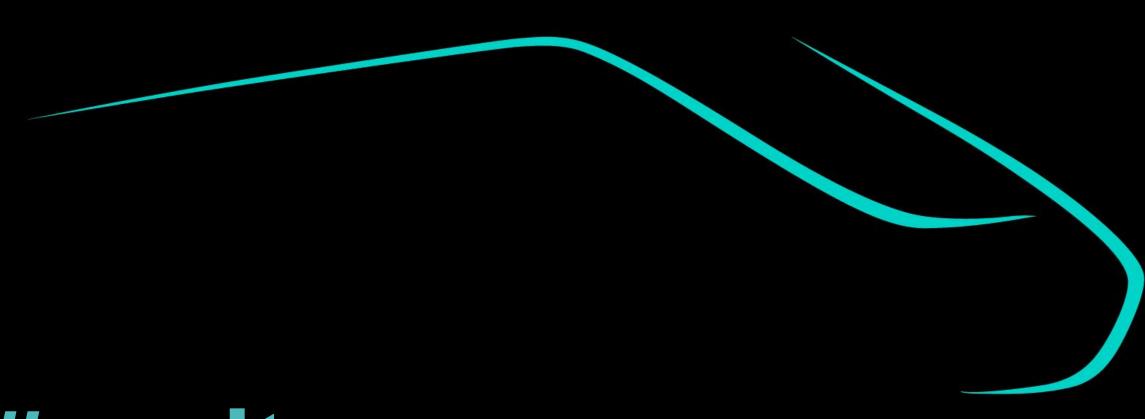
People already like #seeitnovo

133,497
Single interactions



What is this test car all about?





#seeitnovo



#seeitnovo



Velaro Novo delivers on all targets with its key qualities



... make infrastructure intelligent

... increase value sustainably over the entire lifecycle

... enhance passenger experience

... guarantee availability





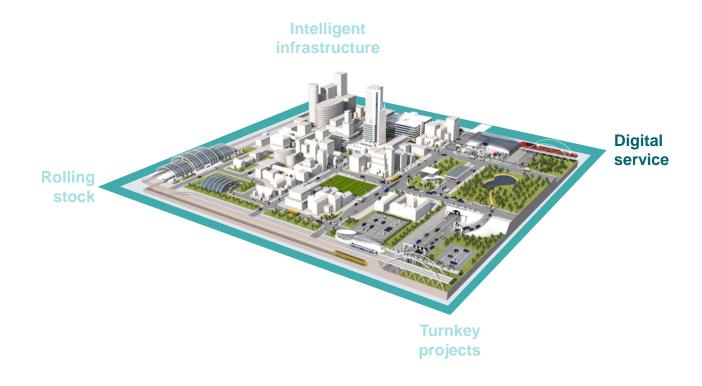
From 250 – 360 km/h



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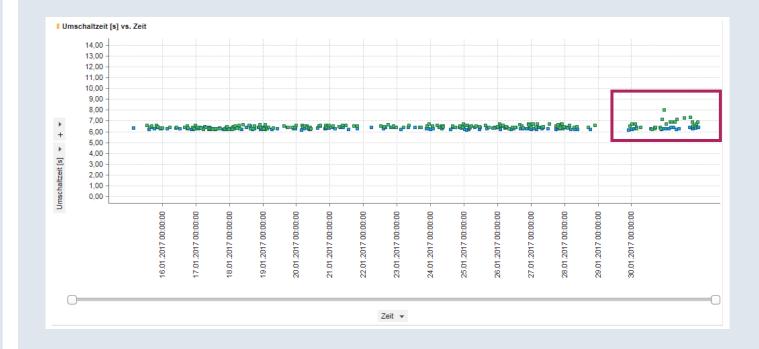
Shaping connected mobility with

Digital service



Big Data

Failure Prediction based on artificial intelligence



Barcelona- Madrid line

100 percent availability with digital service



Intelligent infrastructure Rolling stock Turnkey projects

Shaping connected mobility with

Intelligent infrastructure

Rail automation, electrification, road and intermodal solutions



Mainline Rail Automation



Mass Transit Rail Automation



Rail Electrification



Freight and Products Rail Automation



Intelligent
Traffic
Systems



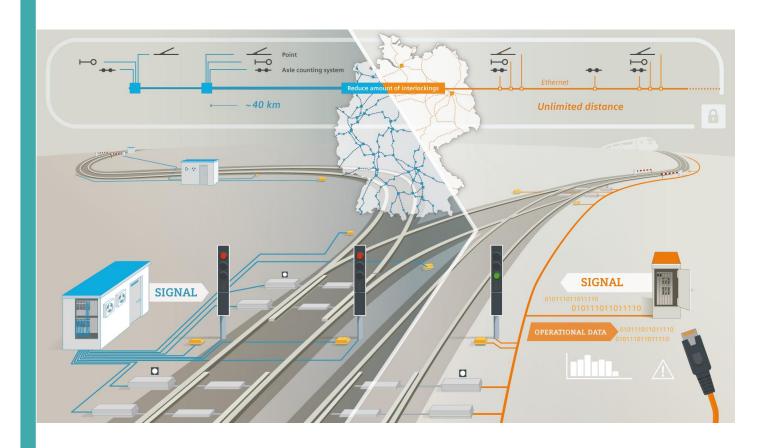
Intermodal Solutions

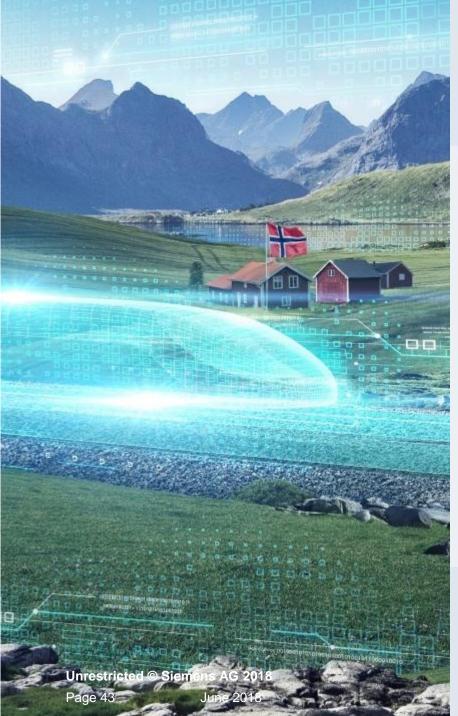




Sinet Technology

Reducing amount of interlocking buildings













Move logic to cloud

Conforms with highest security levels. No more project specific hardware



Digital station

3 seconds less dwell time increases system capacity by 5%



Real-time Electrification Network Prediction

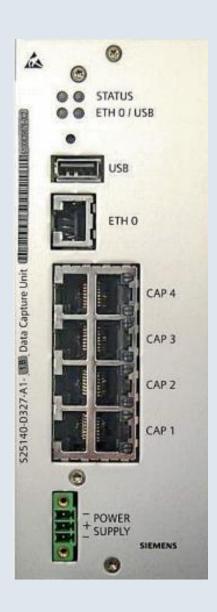
Up to 100% network availability





Data Capture Unit

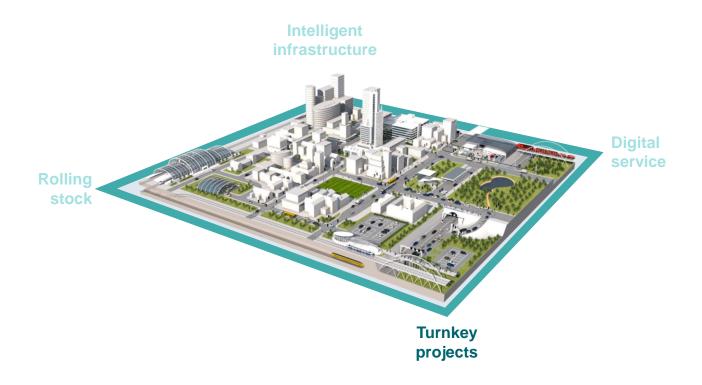
Achieving cybersecurity in a connected environment



Flow Al Application

Traffic flow optimized by 4% using artificial intelligence

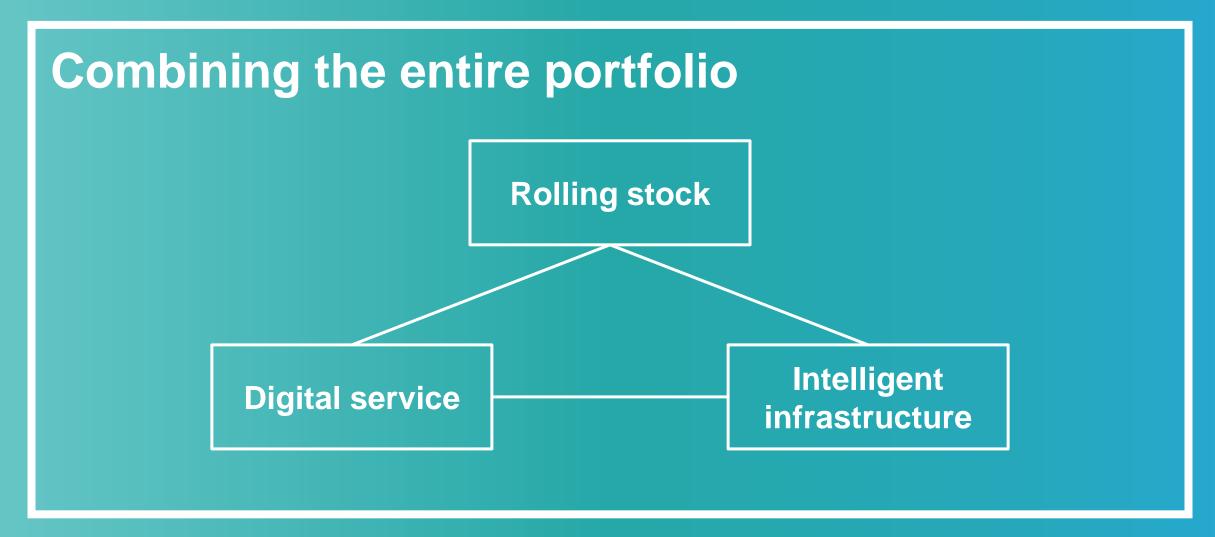




Shaping connected mobility with

Turnkey projects







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