Press Release

February 8, 2019 – Event announcement

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Presentation at the Konferenz Bahntechnik (railway technology conference) in Kiel

Big Data and artificial intelligence in railway operations

At the Konferenz Bahntechnik (railway technology conference) in Kiel on February 7, 2019, insights were provided on the future prospects of railway technology in Schleswig-Holstein. At the conference, Consist delivered a short presentation offering practical insights into successful digitalization projects in railway operations through Big Data and artificial intelligence.

Kiel – During the Konferenz Bahntechnik (railway technology conference) at the Wissenschaftszentrum in Kiel on February 7, 2019, as part of the focus on "Future prospects of railway technology in Schleswig-Holstein," Asmus Hammer, Senior Manager for Digital Transformation at Consist, delivered a short, practice-oriented presentation on the topic of "Increasing the quality and punctuality of railway operations with Big Data and AI" at the round table on "Digitalization and railway technology 4.0." His presentation showed that Big Data has already become an indispensable tool for railway operations, and that artificial intelligence (AI) - specifically predictive maintenance - can already be used for better vehicle availability. AI includes the ability of IT systems to handle tasks which previously could only be accomplished with human intelligence. These include, for example, the ability to learn from the past, and to draw conclusions from this experience for future developments.

Consist is a specialist in digital transformation, IT security and managed services. The IT company, with its headquarters in Kiel, is active in various

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A Consist World Group Company

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Company location: Kiel
HRB Kiel No. 3983

Management:
Daniel Ries
Martin Lochte-Holtgreven
Jörg Hansen

digitalization projects in the railway sector, including digitalizing the maintenance of freight cars and improved scheduling.

About the conference

Worldwide, the railway industry has changed considerably in recent years. There is increasing demand for railway transportation. There are also innovations in technologies, procedures and processes, and the many opportunities of digitalization. The railway industry is characterized by strong growth. Forecasts also indicate a long-term rising market volume. This creates both new requirements and challenges, as well as opportunities. The conference aimed to bring together key players in railway technology from Schleswig-Holstein, and pave the way for the future of the railway industry in Schleswig-Holstein.

This press release contains 1900 characters (including spaces), with an average of 68 characters per line.

You can also find it at www.consist.de/presse

More information:

- About Consist: www.consist.de
- Article "Machine learning for automated detection of damaged vehicles" from bahn manager (railway manager): https://www.consist.de/export/sites/www.consist.de/.content/downloads/_downloads/Machine-Learning-zur-Automatisierten-Erkennung-von-Schadwagen_bahnmanager-122018.pdf

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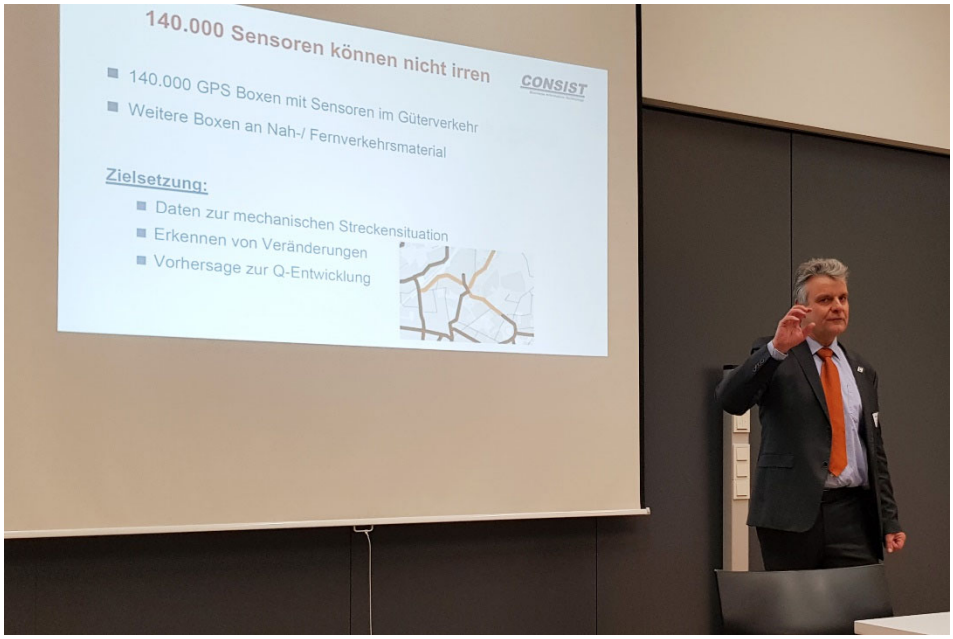
Illustrations



During his short presentation at the Konferenz Bahntechnik (railway technology conference) in Kiel on February 7, 2019, Asmus Hammer from Consist spoke about "Increasing the quality and punctuality of railway operations with Big Data and AI".
Source: Consist Software Solutions

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Company Portrait

Consist Software Solutions is a specialist in Digital Transformation, IT Security, and Managed Services.

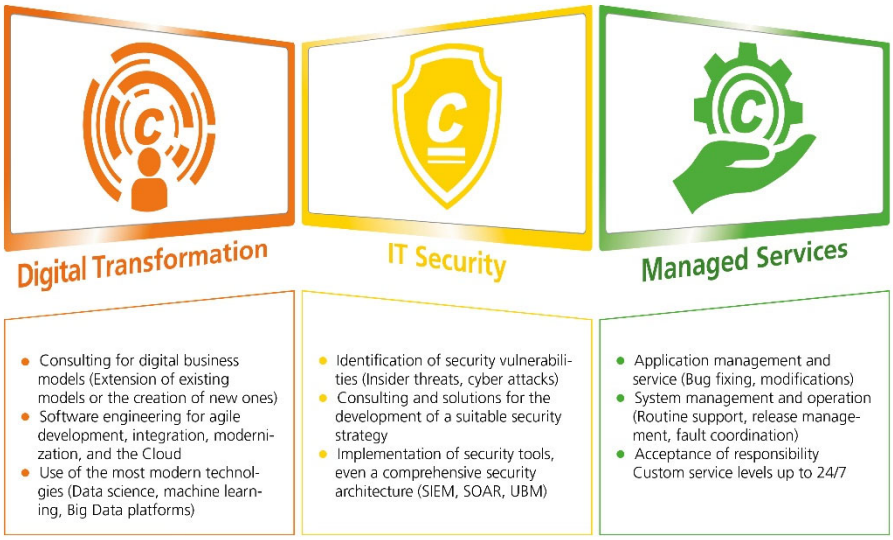
Our comprehensive range of services and solutions includes:

- IT consulting
- Design of IT architectures and IT landscapes
- Conception, development, and integration of custom IT solutions
- Support of applications and systems
  (from subtasks to complete outsourcing)
- Sale and distribution of software products

The more than 200 employees at Consist are characterized by sound know-how ranging from the most modern to legacy technologies.

Consist has more than 35 years of experience in the market, and has offices in Kiel, Frankfurt, and Berlin.

Portfolio



Year of founding:	1983 profit center of Krupp MAK 1994 spin-off under the name Mak DATA SYSTEM Kiel GmbH
Managing Directors:	Martin Lochte-Holtgreven, Jörg Hansen, Daniel Ries
Sales, employees:	29 Mio. € (2018), 219 employees (12/31/2018)
Locations:	Kiel, Berlin, Frankfurt (Main)
Subsidiaries:	Consist ITU Environmental Software GmbH, Hamburg

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