Press Release

Press Officer:
Petra Sauer-Wolfgramm

Phone: +49 (0)4 31 / 39 93 - 525
Fax: +49 (0)4 31 / 39 93 - 999
E-mail: sauer-wolfgramm@consist.de

June 07, 2018 – Company announcement

Consist guest at "Artificial Intelligence - Perspectives for Schleswig-Holstein" event

Machine learning in practice

On 31.05.2018 the joint event of Staatskanzlei, OpenCampus.sh, the Cluster DiWiSH and the FH Kiel took place on the grounds of the University of Applied Sciences. At the invitation of the State Chancellery, Consist presented special methods of machine learning.

Kiel – People, nature, technology - there are interesting possibilities for using artificial intelligence (AI) in every area. How these could look like exactly for Schleswig-Holstein was the subject of the Science Match, to which the State Chancellery invited almost 50 experts from all over the country. In intensive lectures they presented their work and ideas in the field for Schleswig-Holstein.

And so did Dr. Torben Ott, Senior Consultant for Data Science at Consist. In his lecture he discussed interesting application scenarios of machine learning. Image evaluations are a part of this and are becoming increasingly important, especially for the predictive maintenance and preservation of assets.

The advantages of image recognition with regard to the time and cost-optimized maintenance of the infrastructure of the railway were explained using the example of train wagons. The challenge here is to find the optimal maintenance time to minimize downtime. In addition to their observation in operation, so-called deep learning, in this case the in-depth evaluation of photos of passing trains, maintenance requirements can be detected in good time. Certainly not only for Schleswig-Holstein an important cognitive value.

Press Release

This can certainly be applied to the conservation of natural resources, such as the typical "Knicks" of Schleswig-Holstein. Here, Torben Ott outlined the idea of using information from aerial photography with methods of deep learning in the future. This shows how diverse the possibilities and application scenarios of artificial intelligence are.

This press release contains 1.566 characters (including spaces), with an average of 65 characters per line. You can also find it at www.consist.de/presse

More information:

- About Consist: www.consist.de
- About the event: kish.eventbrite.co.uk
- About the event: www.schleswig-holstein.de/DE/Landesregierung/I/Presse/PI/2018/MP/180531_mp_KI.html

Illustrations:

Lecture of Dr. Torben Ott about Image Recognition/Deep Learning

Company Portrait

Consist Software Solutions GmbH is a specialist in IT services and software. The IT service provider supports its customers throughout the entire software lifecycle, from development projects to maintenance in the operating phase, to supplementary big data and security products.

With more than 190 employees at the sites in Kiel, Berlin and Frankfurt, Consist is setting the benchmark for data analytics, IT security and managed services.

Founded in 1994 at the Kiel headquarters, the company continues its growth path, which makes Consist one of the most experienced IT service providers, thanks to proven mainframe competence and highly qualified specialists for innovative technologies. Awarded with the „Großer Preis des Mittelstandes" Consist again received the plaque of honor in 2016.

IT that works.

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:	26 Mio. € (2016), 190 employees (01/01/2017)
Locations:	Kiel, Berlin, Frankfurt (Main), Braunschweig
Subsidiaries:	Consist ITU Environmental Software GmbH, Hamburg
	TeamWork GmbH, Kiel