

Presseinformation

Hirschmann develops solution for automatic real-time tracking of containers – with a lifetime of up to seven years

- **A new localisation system – Swap-Body-Solution – enhances the transparency of supply chains across transitions from maritime to land transportation**
- **High-performance technology for monitoring container, trailer and chassis freight traffic at trade fair stand F24**

Neckartenzlingen, 27 November 2017 – Hirschmann Solutions, a business unit of Hirschmann Car Communication GmbH and part of TE Connectivity, is a leading provider of antenna and transceiver systems. At this year's Intermodal in Amsterdam, the company will be unveiling its new system – Swap-Body-Solution – for tracking containers and swap bodies for intermodal freight transport. At this leading international trade fair for the transport and container industry, is taking place from November 28 - 30, visitors at booth F24 will also have the opportunity to learn more about combined antenna solutions for GSM and satellite communication.

Greater transparency for non-powered assets

This asset tracking system, which is being unveiled to the public for the first time, enables the continuous tracking of non-powered assets, a term describing items without their own integrated power supply, i.e. shipping containers or non-refrigerated swap bodies. With a lifetime of more than seven years, the product features a scalable function for collecting position and sensor data. This can be set to intervals of up to two minutes, or can be activated when defined thresholds are reached and exceeded. The sensors for measuring temperature, humidity and light are connected via Bluetooth Low Energy (BLE). The movement data – in addition to other events – that has been collected is transmitted every 15 minutes. This development is Hirschmann Solutions' response to the increasing demand for information in combined freight traffic and

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supports optimal supply chain visibility across all of the different modes of transport.

“Shipping companies today have to be able to track freight en route from the port to the customer with even greater precision. This also applies to the handling of empty containers, whose position data is usually transmitted just once or twice a day,” explains Heinz-Hermann Tiben, Business Unit Manager Solutions at Hirschmann Car Communication.

“Thanks to our Swap-Body-Solution asset tracker, we can now significantly enhance transparency in intermodal freight transport and, in doing so, improve supply control for customers,” says Tiben.

These products can be configured so that all information is fed directly to the systems operated by various customers and telematics service providers. In addition to these direct interfaces, consolidation portals and time window management services can be enriched by the addition of this automatically collected information.

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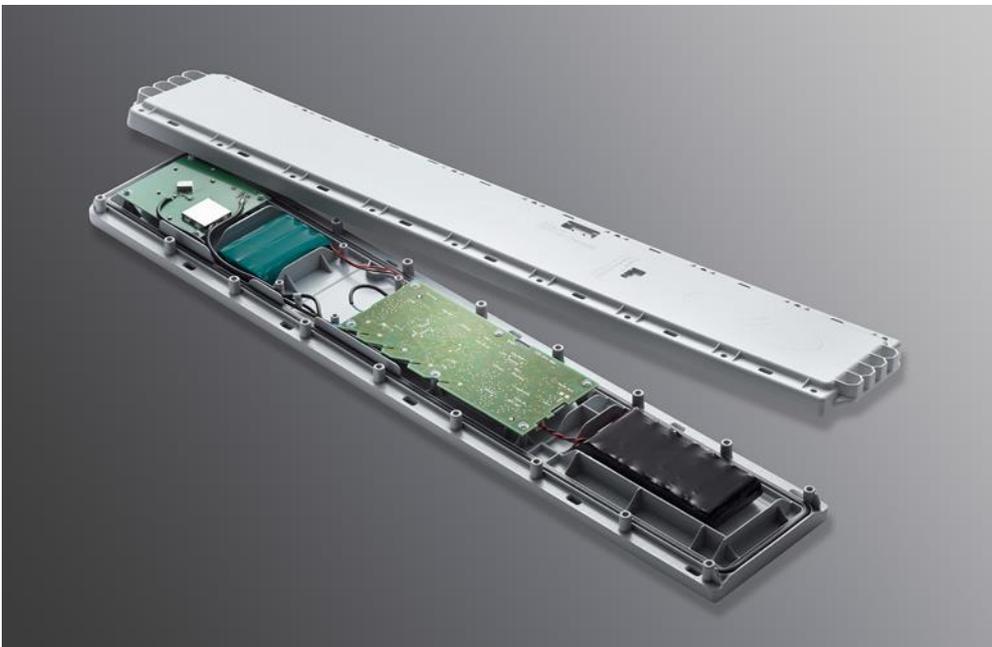
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The asset tracker “Swap-Body-Solution” will be presented for the first time at the Intermodal 2017

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Antenna technology for the Internet of Things

In addition to this newly developed asset tracking solution, Hirschmann Solutions will also be showcasing a range of other hardware components for use in existing tracking systems from telematics service providers. These include combined antennas for GSM and satellite communication, enabling GNSS-based position-finding.

“The Internet of Things opens up a whole range of new possibilities for integrating communication, control and information processing systems in different traffic systems. As a hardware specialist, we are delighted to have the opportunity once again to present at Intermodal a range of product innovations that enable us to support the development of IoT-based, end-to-end solutions in the field of supply chain visibility and security,” says Tiben.

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Printable image material is available via our website www.hirschmann-car.com. For more information, please do not hesitate to contact us at hcc@wyze.de.

About Hirschmann Car Communication:

Hirschmann Car Communication GmbH is one of the world's leading suppliers of transmitter and receiver technology for mobile communications. Our portfolio of innovative technologies includes antenna, tuner and infotainment systems with radio and TV modules for the automotive industry as well as customised M2M and telematics solutions. With a workforce numbering more than 1,000, we have locations in Germany, Hungary, China, France, Mexico and the USA. We are also part of a development partnership in the Ukraine. TE acquired HCC in August 2017. Find out more at <http://www.hirschmann-car.com>.

About TE Connectivity:

TE Connectivity Ltd. (NYSE: TEL), is a \$13 billion global technology and manufacturing leader creating a safer, sustainable, productive, and connected future. For more than 75 years, our connectivity and sensor solutions, proven in the harshest environments, have enabled advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. With 78,000 employees, including more than 7,000 engineers, working alongside customers in nearly 150 countries, TE ensures that EVERY CONNECTION COUNTS. Learn more at www.te.com and on [LinkedIn](#), [Facebook](#), [WeChat](#) and [Twitter](#).

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