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Fischer Connectors demonstrates its long-term vision for connectivity with breakthrough technological partnerships and cross-market customer applications at Electronica

Electronica, Munich, 13 November 2018 – Fischer Connectors, the global provider of ultra-reliable and high-performance connectivity solutions, continues to push the boundaries of innovation in rugged miniaturization, high-speed data transmission, sealing, wearability and the Internet of Things (IoT). At the biennial tradeshow Electronica (Munich, 13-16 Nov. 2018), the company showcases on booth no. 219 (hall B2) how it is reimagining connectivity with its customers thanks to breakthrough and forward-looking technological partnerships with **Wearable Technologies Ltd.** and **SolarStratos**, as well as cross-market customer applications in the **medical, security, industrial, unmanned vehicles, marine and miniature computing** fields.

Jonathan Brossard, Fischer Connectors Group's CEO, explains: *"The electronics world is changing at an incredible speed, and the connectivity solutions that make electronic ecosystems work efficiently, reliably and safely are instrumental in driving the technological innovations that shape our world. Our long-term vision for connectivity is based on our sense of responsibility as a global provider of pioneering and ultra-reliable connectivity solutions that are easy to use and to integrate into our customers' devices. We are showcasing at Electronica examples of how Fischer Connectors has helped turn ambitious ideas into solutions that shape the future."*

In addition to an array of assembled and integrated solutions used in customer devices for a wide range of high-tech industries, visitors of Fischer Connectors' booth can discover some of the most innovative applications on the market today engineered to meet **wearability and IoT** as well as **high-speed data transmission** requirements – two of the hottest trends in the electronics industry.

The entire product portfolio of Fischer Connectors showcased at Electronica includes two of the company's newest and most innovative solutions in these fields: the breakthrough plug & use **Fischer Freedom™ Series** launched last June, and the new configurations of the ultra-miniature signal & power **Fischer MiniMax™ Series** compliant with the latest data protocols USB 3.0, Ethernet and HDMI.

Visitors can also talk to Fischer Connectors' **technological partners** who will be joining them on the booth showcasing their pioneering work in:

- The **Industrial Internet of Things (IIoT)** and **wearable solutions** with **Mark Bernstein**, CEO of **Wearable Technologies Ltd (WTL)** from the UK. WTL's connected smart worker platform uses the plug & use Fischer Freedom™ Series in smart garments for industrial workers. These garments have an array of sensors and devices that enable real-time monitoring and data analysis of multiple workers' health, wellbeing, and exposure to potential hazards and dangers, such as noise, gas, vibration, proximity, plus biometrics sensors, as well as radios, GPS, etc. The data is collected centrally and sent to their dashboard which displays data from all specified workers simultaneously and in real-time. WTL will be running continuous, **live demos of its IIoT smart worker ecosystem and dashboard** on the booth.
- **Electrical solar aviation** with **Raphaël Domjan**, founder and pilot of **SolarStratos**. Fischer Connectors is an official partner and proud provider of the mission-critical connectivity solutions for this Swiss project which aims to shape the future of solar-powered aviation by sending the first manned solar plane to the stratosphere. SolarStratos will organize **daily live demos of its flight simulator** on the booth.

Vision and innovation come with clear communications and insights:

- Attendees to the electronica **Embedded Platforms Conference (eEPC)** can learn more about connectivity trends in the presentation given by Fischer Connectors' Research & Innovation Manager Jean-Marie Buchilly:
 - **“Connectivity industry: a key innovation driver in the wearability of electronic devices and in the Internet of Things”**, Thursday 15 Nov., 10:20-11:00, ICM – International Congress Center
- At the **Electrical Connectors' Forum**, Fischer Connectors USA's National Sales Manager David Ptacek will explain how the technological innovations brought by the breakthrough plug & use Fischer Freedom™ Series facilitate integration, maximize usability and optimize cable management for a wide variety of applications, especially for portable and body-worn ones and smart garments for industrial workers.
 - **“Breakthrough connectivity innovations for wearables, smart garments and IIoT (Industrial Internet of Things)”**, Thursday 15 Nov., 16:30-17:00, Hall C2.209



Fischer Connectors' **press release with HD images, videos and related documents** can be found [here \(Dropbox\)](#).

PHOTOS and captions:



The uniqueness of Wearable Technologies Ltd's smart worker platform is their dashboard which provides real-time, historic and predictive analytics data from a multitude of applications for a specified workforce in the field. Fischer Connectors' solution plays a key role in this platform as its Freedom connectors are directly integrated into a wide range of small and cost-effective portable and body-worn sensor devices that can be plugged directly on the worker's garment.



Fischer Connectors is an official partner of “SolarStratos, To the Edge of Space”.



The Fischer Freedom™ Series facilitates integration, maximizes usability and optimizes cable management for a wide variety of applications within markets and applications such as: industrial and civil engineering, defense, security and medical.



The Fischer MiniMax™ Series – miniature, high density, signal & power – ensures full compliance with high speed data transfer protocols (USB 3.0, Ethernet, HDMI) and is now IP68 sealed down to 20m.



Jonathan Brossard, Fischer Connectors Group's CEO and EY Switzerland's Entrepreneur Of The Year 2018 finalist in the Family Business category.



Mark Bernstein, CEO of Wearable Technologies Ltd.



Raphaël Domjan, founder and pilot of SolarStratos.



Jean-Marie Buchilly, Fischer Connectors' Research & Innovation Manager and speaker at the electronica Embedded Platforms Conference (eEPC) on "Connectivity industry: a key innovation driver in the wearability of electronic devices and in the Internet of Things".



David Ptacek, Fischer Connectors USA's National Sales Manager and speaker at the Electrical Connectors' Forum on "Breakthrough connectivity innovations for wearables, smart garments and IIoT (Industrial Internet of Things)".

More information

- **Fischer Freedom™ Series:** www.fischerconnectors.com/global/en/fischer-freedomtm-series
 - **Fischer MiniMax™ Series:** www.fischerconnectors.com/global/en/fischer-minimaxtm-series
 - **IoT & Wearables:** www.fischerconnectors.com/global/en/applications/iot-wearables
(active URL as of 13th November 2018)
 - **Wearable Technologies Ltd:** www.wearable.technology
 - **SolarStratos:** www.fischerconnectors.com/global/en/solarstratos-edge-space
 - **Electronica:** <https://electronica.de>
 - electronica Embedded Platforms Conference (eEPC):
<https://electronica.de/conferences/electronica-conferences/embedded-platforms/index.html>
 - Electrical Connectors' Forum: <https://electronica.de/conferences/forums/connectors-forum/index.html>
 - **Trend paper:**
 - *Emerging Trends in Wearable Technology Across Several Markets –*
www.fischerconnectors.com/global/en/connectivity-solutions-wearable-technologies
 - Fischer Connectors
 - **VIDEO - Vision, Mission, Values:** <https://youtu.be/tiyaSxhHQbY>
 - Website: www.fischerconnectors.com
 - NEW Corporate brochure: <https://www.fischerconnectors.com/global/en/file/251524>
 - How to contact us: www.fischerconnectors.com/global/en/contact-us
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About Fischer Connectors

For more than 60 years, the people of Fischer Connectors have been reimagining connectivity, turning customers' challenges into success stories with innovative technologies, quality products and collaborative customer support.

Since 1954, Fischer Connectors has designed, manufactured and distributed rugged connectors and cable assemblies that help customers around the world produce reliable, high-performance electronic devices. The connectivity solutions are especially suitable for applications requiring faultless precision, durability and resistance to extreme conditions, including defense and security, medical, industrial, instrumentation, audio-visual, transportation, and energy.

Headquartered in Saint-Prex, Switzerland (Canton of Vaud), where its R&D Center and manufacturing facilities are also located, the Fischer Connectors Group has cable assembly sites in EMEA, the Americas and Asia-Pacific. The Group also includes local subsidiaries and a wide network of distributors and agents all over the world.

fischerconnectors.com

