

## Infotecs showcased encryption for drones and e-car charging infrastructure at it-sa

Berlin, October 23, 2017 – Infotecs, the international cyber security and threat intelligence provider, presented some of its innovative security solutions at the leading IT security fair it-sa in Nuremberg, among them encrypted data transfer for IP videos recorded by drones and data traffic protection for e-mobility charging stations.

This year, the it-sa – the IT-Security Expo and Congress beat all records once again, thus highlighting the crucial role of protection against both internal and external cyber-attacks for businesses worldwide. it-sa has been established as Europe's leading IT security fair and is considered worldwide as one of the most important security fairs. From October 10 to October 12, 2017, over 12,780 experts and visitors (2016: 10,181 visitors) reviewed the stands of 630 international participants (2016: 489).

Infotecs showed their newest solutions for the ViPNet Security and Threat Intelligence platform on Stand 210, Hall 9. Security experts used two innovative showcases for sensible data encryption to catch the eye. Live drone video encryption, developed in cooperation with the drone manufacturer [www.lech-tec.de](http://www.lech-tec.de) GbR, was the showpiece that attracted the most attention. Infotecs can encrypt live video data transfer via LTE 4G between a drone and its ground station. This video encryption is performed end-to-end using the AES-256 encryption method. This prevents unauthorized access to video images and their publication in social media. ViPNet IT security solutions are considered highly secure (military grade), as their technology is based on symmetrical key management. This way, man-in-the-middle attacks are completely avoided.

Another showcase presented by the Infotecs team is an integrated security solution for the e-mobility area. IT security experts also explained how the infrastructure of an e-charger can be protected from cyber-attacks. In this project, Infotecs is cooperating with [Parkstrom GmbH](#), an e-car charging infrastructure provider, and the technology developer [HARTING Deutschland GmbH & Co. KG](#). On the basis of the MICA platform by Harting, Infotecs offers a security gateway, integrated into a charging station. It protects authentication processes and data transfer all the way to the backend system and this prevents unauthorized access and data manipulation.

“Our solution for protection against cyber-attacks on critical infrastructures, as well as encrypted video data transfer for drones - note that both of them are important for special forces - are attracting the interest of visitors”, says Josef Waclaw, CEO of Infotecs GmbH. “With our military-grade software-defined VPN encryption technology based on symmetrical keys, we have decisive superiority over our competitors.”

Next year Infotecs also plans to participate in it-sa as exhibitor. The security fair takes place from October 9 to October 11, 2018 in the Nuernberg Messe.

### **About it-sa – The IT Security Expo and Congress**

it-sa is Europe's largest expo for IT security and one of the most important worldwide events. Whether cloud computing, mobile and cyber security, data or network security, the exhibition is a unique platform for IT security officers, developers and providers of products and services for IT security. it-sa opens its doors in Nuremberg from 10-12 October 2017. Additional know-how is offered by the Congress@it-sa congress program already starting the day before. Here, in numerous lectures and presentations from 9 to 12 October, experts will be providing information on current issues, strategies and technical solutions for more IT security. For additional information, please visit: [www.it-sa.de/en](http://www.it-sa.de/en).

### **About Infotecs**

A leading international security solutions provider and pioneer of software-based VPN solutions since 1991, Infotecs developed its Peer-to-Peer ViPNet technology to deliver greater security, flexibility, and throughput than other solutions on the market. The Infotecs ViPNet Security and Threat Intelligence Platform provides complete multi-layer security in one cost-effective solution. ViPNet is the only solution that supports true endpoint-to-endpoint security and delivers robust security which is scalable, flexible, easy to deploy, manage and maintain. The ViPNet solutions seamlessly integrate into existing networks enabling customers to achieve the right balance of high security with low complexity and low risk. More than 1,000,000 clients, offices, and servers have been securely connected with ViPNet solutions, backed up by an unparalleled world-class support, development, and technical team as well as a strong network of partners. For additional information on the company please visit: [www.infotecs.biz](http://www.infotecs.biz).

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