

## Infotecs At The Forefront Of Quantum Cryptography

New York/Berlin, July 24, 2017 – Infotecs, an internationally known IT security and threat intelligence provider, is developing quantum encryption technology to exchange encryption keys at very high data volumes.

Quantum computing has the potential to revolutionize modern computing by attaining computing speeds previously thought impossible. However, computing that is significantly faster would also make it easy to break many of today's encryption techniques. One reason for this is that if encryption keys are used too frequently, attackers can find statistical patterns that allow decryption of the data. The solution to that problem is to change keys very frequently – sometimes as much as several times per second.

Infotecs has invested roughly 4.8 million dollars over three years in the development of a post-quantum cryptography (PQK) technology that manages key exchange. Infotecs, in cooperation with international scientific institutions, is working to develop a marketable, efficient, but affordable solution for the construction of a secure quantum data network.

"The IT security sector is facing an extremely difficult challenge because of increasingly high-performance computer systems," comments Josef Waclaw, CEO of Infotecs GmbH. "Our cryptographers have been working intensively since autumn 2016 on the development of a post-quantum cryptography solution to provide our customers with a market-ready encryption technology that meets the changing future requirements for secure, encrypted communication."

### 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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