

Press Release

Cryptshare Unveils New QUICK Technology, Unleashes Award-Winning, Secure Data Transmission Solution at RSA Conference 2019

New IoT Technology Simplifies Encrypted File Exchange with "One-Time, Use Forever" Password Creation

BOSTON and SAN FRANCISCO – March 4, 2019 – Cryptshare, the German developer of data security and privacy solutions for the exchange of business-critical information, today announced the general release schedule of Cryptshare QUICK Technology™. QUICK is a tangible IT-security solution that provides a permanent, secure connection for encrypted data transmission that everyone can use from anywhere at any time. The innovative, patent-pending technology will be available in Europe immediately, with U.S. distribution scheduled for early April. Cryptshare will demo the technology at the RSA Conference, March 4-8 in San Francisco, where the company is a co-exhibitor with TeleTrusT in the German Pavilion, booth 5671-23.

“Password misuse and mismanagement is a primary cause of many data breaches,” said Mark Forrest, CEO of Cryptshare. “Cryptshare QUICK Technology™ solves the age-old problem of exchanging passwords used to protect encrypted files. It eliminates the need to exchange one-time, single-use passwords between sender and receiver each time a transfer is made, or to rely on static key pairs, which can be eternally vulnerable.”

QUICK uses an individual key for transmitter and receiver, which is combined with a common, dynamic key. After the first use by a sender and recipient, all future use is protected by a permanent secure communication between them, suitable for securely sharing files of any size or kind.

Furthermore, QUICK saves time and money by removing the need for shared infrastructure, federated key agreements or key stores. And, by eliminating the need for users to create and constantly retain passwords, a more secure environment — one that normal people can use — is achieved.

Aside from making emails and files safer, QUICK can be used with a simple-to-implement JAVA and .NET API, facilitating secure communications between applications such as ERP and HR. QUICK can also be used by OEMs to enable secure machine-to-machine communications between IoT devices in security-conscious environments from healthcare to finance and manufacturing.

How QUICK Works

During the first transfer between two participants, an individual key is exchanged automatically, which is used to generate a unique, one-time, use-forever password to establish a permanent secure connection for all future data or file transfers between the sender and receiver. The recipient side can automatically derive and apply this password without having to exchange it with the sender, and each transaction is protected by a unique key. Unlike widely used Public Key Infrastructure (PKI) solutions, the sender does not need to set up or impose any infrastructure to manage or maintain encryption keys. As a result, costs are dramatically reduced, implementation is quick and easy, the user experience is seamless, and the enterprise is more secure.

“The reason you need QUICK is that once you have established a secure connection with another person, application or machine, you do not need to remember or use passwords in the future, making the safekeeping of data in transit as simple as it can possibly get,” concluded Forrest.

About Cryptshare and befine Solutions

Founded in 2000, owner-managed befine Solutions AG develops and supplies software solutions that help companies support, optimize and secure their email processes, important data transmissions and large file handling. Today, more than four million users in 2000+ companies across 80 countries rely upon its leading email technology, Cryptshare, for the secure exchange of their business sensitive information. Already their success has been underlined by the award of the Cybersecurity Excellence Award 2017 and the Infosecurity Products Guide Global Excellence Awards. The company is headquartered in Freiburg, Germany, and operates sales offices in the UK and the Netherlands. Cryptshare, Inc. operates as a subsidiary of Befine Solutions AG from its U.S. office in Boston, Mass. To learn more, visit: www.cryptshare.com.

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