

## Press Release

Pfungstadt, 19 February 2019

### **eperi Gateway is “state of the art”**

#### **TeleTrust and ENISA issue IT Security Document**

According to Bundesverband IT-Sicherheit (TeleTrust), encryption gateways are state of the art when it comes to protecting decentralized cloud structures. The association and the European Network and Information Security Agency (ENISA) have now published the document "State of the Art" for IT security. This is an important step, as numerous European laws and the European General Data Protection Regulation (GDPR) call for IT security to be based on the current state of the art. So far, however, it has been largely unclear what “state of the art” actually means. On the subject of data protection in cloud environments, the TeleTrust document is now clear: “In an arms race with attackers, the most basic measure is the most secure: the encryption of sensitive data as soon as it leaves a secure, internal environment to be processed or stored in the cloud.”

The document makes it clear that data can be protected with an encryption gateway as soon as it leaves a secure internal environment and is processed or stored in a cloud application. The eperi Gateway is an encryption gateway that acts as a proxy-based solution between end users and the cloud. It encrypts sensitive data before it leaves the enterprise, for example to be stored and processed in a cloud application such as Office 365 or Salesforce. The customer has sole control over the cryptographic keys required to encrypt and decrypt the data. This ensures that they retain the greatest possible control and centrally control their access rights. “Whoever has the cryptographic key also has access to the data,” says Elmar Eperiesi-Beck, founder and CEO of eperi GmbH. “Therefore, a state-of-the-art encryption solution must be independent of the application to be protected so that third parties - including administrators in data centers or cloud providers - do not have access to unencrypted data.”

A further advantage of an encryption gateway such as the eperi Gateway is that the essential functionalities of the cloud application are not restricted. The state of the art are solutions that do not restrict the search or filtering of data, reporting or automated processing of encrypted data in cloud applications. This not only ensures compliance with legal requirements, but also maintains user-friendliness.

### **About eperi**

eperi GmbH is a leading provider of cloud data protection solutions, and has 15 years of experience in the field of data encryption for web and SaaS applications. These solutions enable internal and external data protection and compliance requirements to be enforced at a centralized location, and ensuring that customers as cloud users are given sole control of all data protection processes.

[www.eperi.com](http://www.eperi.com)

### **Press Contact**

Michaela Ohlsen

[michaela.ohlsen@eperi.com](mailto:michaela.ohlsen@eperi.com)

+49 6157 95639 52

## **eperi GmbH**

Gutenbergstraße 4-6 / 64319 Pfungstadt / Germany

T +49 6157 98 950 00

F +49 6157 98 950 29

W [info@eperi.com](mailto:info@eperi.com) / [eperi.com](http://eperi.com)

Managing Director: Elmar Eperiesi-Beck