Airlock and eperi agree technology partnership

Airlock takes cloud security to the next level with help from eperi cloud data protection

Zurich, 24 October 2019 – [Airlock](#), the security innovation from the Swiss firm [Ergon Informatik AG](#), and the cloud data protection specialist eperi GmbH, have agreed on a wide-ranging technology partnership. Their collaboration will make cloud platforms even more secure. To achieve this, they are using cutting-edge methods to protect companies' sensitive data from unauthorized access.

With its eperi Gateway, the German security provider delivers reliable protection for corporate applications and data in the cloud by extensively encrypting them. A mathematical algorithm converts the data from plain text to ciphertext, making it illegible and incomprehensible to third parties. "Companies need to realize that nobody is immune from having their data stolen along with the key," says Elmar Eperiesi-Beck, CEO and founder of eperi GmbH. "But by using the right security tools, firms can be sure that attackers won't be able to do anything with the stolen data. It's no longer enough to only protect IT systems – the data itself should be protected too. That's the only way companies can store data wherever they want without falling foul of legal regulations. They can control who can access it and who will only see encrypted gobbledygook."

This changeover from system to data security uses a patented template concept that helps businesses maintain control over data protection processes across all their cloud applications. Even the cloud provider cannot access unencrypted data. At the same time, the cloud application's key functions – like searching and sorting – are still available to users.

As a part of the collaboration, Airlock is extending its enterprise protection with cloud application security. The quality of the security increases significantly because the integrated security solution, Airlock Secure Access Hub, is positioned upstream from the eperi Gateway. "All data traffic that flows through the eperi Gateway is first caught by our Secure Access Hub," explains Thomas Kohl, Senior Business Development Manager at Ergon Informatik. "The hub checks it for any potential threats. For many cloud-based applications, such as Office 365 and Salesforce, we have put together an extensive rulebook that reliably filters the queries." This ensures that no attack on the cloud can access the data, as it is first blocked by a technologically unique interplay between the two security solutions.

The same applies to access management as this is not carried out at the Gateway itself but beforehand, again using the Secure Access Hub with its three components Web Application Firewall, Customer Identity and Access Management, and the API Gateway. Kohl comments: "As the Secure Access Hub is positioned upstream, its integrated cIAM has multiple ways of checking that only identified and authenticated users can access the cloud applications and data. They are only forwarded to the eperi Gateway once they've been checked and approved." In this way, the partnership between Airlock and eperi provides even more security as it adds important safeguards to the Gateway itself along with the eperi data encryption.

A description of how this new form of IT security can help accelerate innovative business processes is available in the new Airlock white paper (currently only in German) at: https://www.airlock.com/whitepaper/whitepaper-digitalisierung-beschelunigen.

Über Airlock - Security Innovation by Ergon Informatik AG
Der Airlock Secure Access Hub vereint die wichtigen IT-Sicherheitsthemen der Filterung und Authentisierung zu einem gut abgestimmten Gesamtpaket, das Maßstäbe in Sachen Bedienbarkeit und Services setzt. Der Secure Access Hub deckt alle wichtigen Funktionen der modernen IT-Sicherheit in diesem Bereich ab: von einer durch Fachjournalisten ausgezeichneten Web Application Firewall (WAF), über ein Identitäts-Management (IAM), dem Schweizer Banken vertrauen, hin zu einer API-Sicherheit, die neueste Anforderungen stemmt. Die IT-Sicherheitslösung Airlock schützt mehr als 20 Millionen aktive, digitale Identitäten und 30.000 Back-Ends auf der ganzen Welt. Weitere Informationen unter www.airlock.com. Airlock ist eine Security Innovation des Schweizer Softwareunternehmens Ergon Informatik AG.

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