Physical Security Interoperability Alliance

PRESS RELEASE
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PSIA's PKOC Demonstrated at GSX 2024

Leading Lock and PACS Vendors Take Notice

The PSIA had another impressive and compelling demonstration of its PKOC spec at GSX 2024. Some of the leading lock and physical access control (PACS) vendors were able to see PKOC in action, with commercially available readers, cards, and apps all relying on the open specification, showing seamless interoperability.

"It was gratifying to see all of the hard work of the PKOC technical committee come together at the demonstration at GSX 2024," said David Bunzel, Executive Director of the PSIA, "Many new manufacturers and customers of the security industry were not only impressed, but discussing ways to include PKOC into their product lines and deployments."

The simplicity of PKOC, ease of integration, and the significant advantage of asymmetric encryption were some of the drivers that were most interesting to the companies and customers who were able to see the demonstration.

PKOC creates truly secure and interoperable credentials. "The commercial and security advantages of the asymmetric key based credential over traditional symmetric keys which we have been using for decades is finally attainable with the PKOC specification. A public key-based solution can not be underestimated in its value over traditional credential solutions. You now get security, availability, interoperability and purchasing options all in one." says John Cassise, Chairman of the PSIA's PKOC Work Group, and Chief Product Officer, SAFR at RealNetworks. "While changing from traditional access control products is never easy, the vulnerabilities they have, make more robust solutions, like PKOC, an obvious choice for security, and a more flexible choice for the future."

The PKOC specification leverages the concept of PKI without the need for the typical complex, expensive identity Infrastructure necessary for PKI. PKOC uses the device itself to generate the private & public key pair, (known as Keygen) enabling the private-public key handshake to authenticate the credential. The beauty of PKOC is that the private key never leaves the device, and the public key becomes the "badge #" which can be easily shared with any system or device used to control access. With PKOC the USER literally "owns" the encryption keys and does not require any complicated process for managing or sharing keys. Furthermore, PKOC enables you to "Bring Your Own Credential" (BYOC).

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Notes to Editors:

●PSIA is a 501(c)6 organization created to define, recommend and promote standards for IP-enabled security devices and systems.
●PSIA was founded in February of 2008 and incorporated in March of 2009.
●The Physical Logical Access Interoperability (PLAI) specification was introduced in 2013.

●The PKOC specification was introduced in 2021
●The twelve industry partners who participated in the PSIA Event at GSX 2024 included:

- Elatec
- EMSi
- INID
- IDMachines
- JCI Security Products
- Kastle Systems
- Last Lock
- RF Ideas
- SAFR at RealNetworks
- Secure Element Solutions
- Sentry Enterprise
- Taglio

● Global Security Exchange (GSX) is a global event for security professionals. ASIS established this annual event more than 65 years ago. In order to expand and enrich knowledge sharing, best practices, and peer-to-peer connections so security professionals across disciplines—For information about GSX, please visit **www.GSX.org**.

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