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OSS Standard Offline facilitates the administration of mechatronic access control systems

pkt offline solutions from primion Technology AG support the OSS Standard Offline from the OSS Association

In order to supplement the proprietary solutions that are available on the market with a standard specification, the OSS Association has introduced a standardized segment description for the administration of locking rights and for the processing of messages by electro-mechanical cylinders and escutcheon readers. This is the open OSS Standard Offline. In this way, products from different manufacturers can be deployed within the same system.

The OSS Standard Offline facilitates the administration of access control systems. Many different electronic offline locks are available on the market. They do not have a cable connecting them to an access control system; rather, they work autonomously and are battery-powered.

The access rights that are stored in the primary system are written onto the credential through Master readers. The escutcheon readers or digital cylinders then read in these rights from the credential when it is presented to the offline device.

This standard ensures interoperability when different access control components that conform to the OSS Standard Offline are deployed. In the future, mechatronic components from different producers will be able to read the same authorizations from the credential and interpret them in the same way.

The OSS Association

The general goals of the OSS Association e.V. (Open Security Standards Association) are the development, communication and marketing of standardized protocols, components and encoding within the access control market and the associated security-related hardware and software. The OSS Standard Offline has been introduced as the first standard. primion Technology AG is one of the founding companies. www.oss-association.com