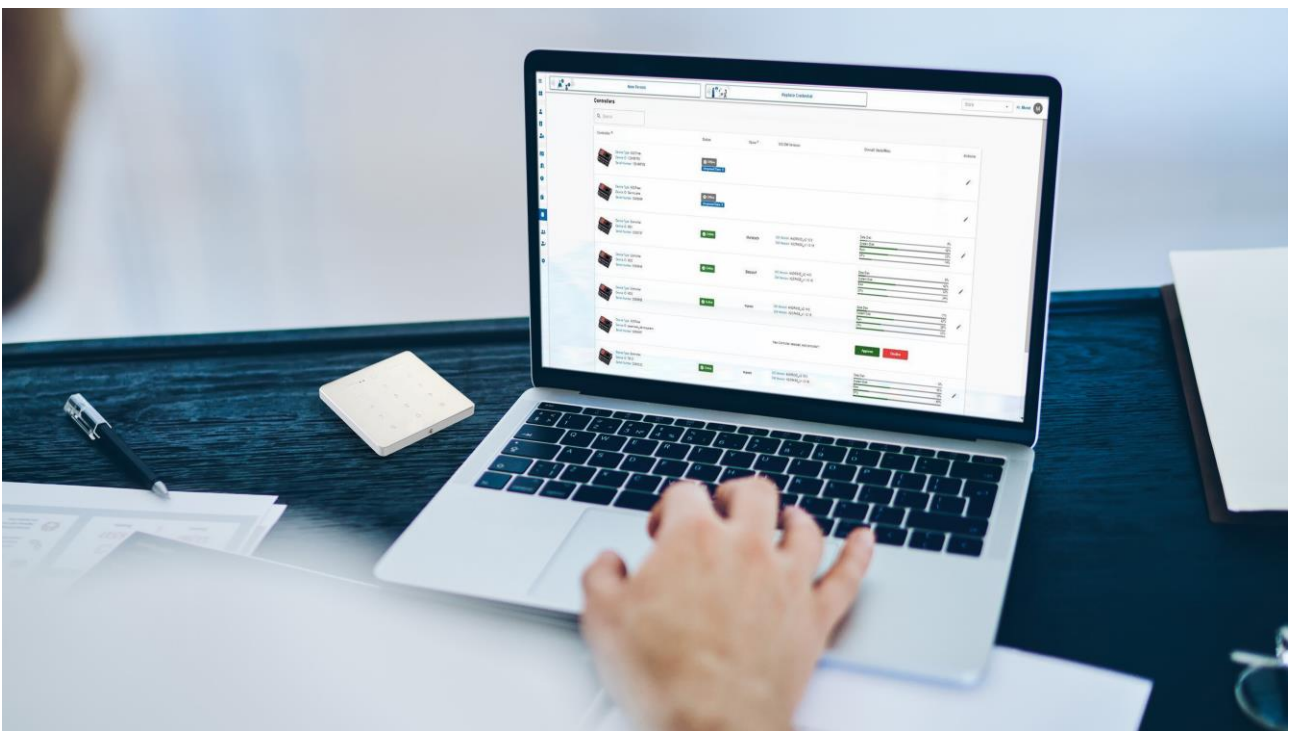# The future of cloud-based access control

For maximum flexibility and security, sesamsec offers scalable access management from the cloud



**In 2023, global spending on software-as-a-service (SaaS) reached around $197 billion, an increase of around $30 billion year-on-year[1] . Cloud-based systems are also becoming increasingly popular in the field of access control because, in times of dynamic growth, companies need to be able to respond quickly to innovation and change. .**

A Physical Access Control as a Service solution, or PAC-as-a-Service for short, offers availability, scalability and flexibility for securing buildings, doors and resources. All the components required to manage the access control solution are made available via the cloud. This offers numerous advantages.

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[1] https://de.statista.com/statistik/daten/studie/194117/umfrage/umsatz-mit-software-as-a-service-weltweit-seit-2010/

**Easy implementation and maintenance**

Thanks to preconfigured elements, the PAC-as-a-Service solution is ready for immediate use—without extensive installations. Upgrades to the software are carried out in the background so that it is always technologically up to date. Remote maintenance enables problems to be identified and rectified quickly, before security risks arise.

**Scalability and flexibility**

The system is easy to scale and expand. New sites can be easily integrated into the solution. The cloud-based nature of SaaS solutions also makes it easy to add new users and assign them individual access rights and permissions. Customers can view their data from anywhere, giving them complete control regardless of location.

**Predictable costs**

The investment costs for proprietary software are eliminated, as are the ongoing expenses for IT infrastructure and personnel. Instead of tying up capital, billing is based on a subscription model. This means that companies only pay monthly for the services they need. Different support levels can also be added.

**Software and hardware from a single source**

With this additional option, sesamsec provides not only the software but also the complete infrastructure, including hardware—i.e., controllers, power supplies and readers such as the Secustos SQ 80 LEGIC. This keyless reader for indoor and outdoor use supports a wide range of technologies; it processes almost all known LF and HF contactless technologies in the frequencies 125 kHz and 13.56 MHz as well as NFC or BLE-based mobile credentials. In combination with the PAC-as-a-Service solution, companies thus have a solution that offers future and investment security. If changes to the technology are required, for example due to new security standards, the multifunctional readers can continue to be used. Only the firmware needs to be reprogrammed, which can be conveniently done remotely system-wide via device management.

A PAC-as-a-Service solution is more secure, less expensive, and less time-consuming and labor-intensive than local software solutions. Planners and installers can rely on the know-how of the experts from day one when entering the world of cloud-based access control with the "Professional Services" offer. The sesamsec partner program is also available to them.

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In cooperation with: