SONY

Secure provisioning

Easy distribution of access rights over the air

Ready when you are

Increasingly, companies need to distribute access rights to their staff or customers in a secure way. Unfortunately, most of the systems currently in use are inefficient and lack flexibility. Programming and distributing key cards manually is time consuming and control systems are often tied to a specific lock manufacturer. What's more, if the system is too complicated, users sometimes take the easy way out and grant unlimited access, thereby compromising security.

Who? When? You decide!

Criotive is a Cloud-based solution for managing and distributing virtual keys or access rights remotely, and it gives companies a smarter, simpler way to stay in control. Since the interface is so intuitive, even first-time or infrequent users can easily grant time-restricted, area-specific access to selected people, and make adjustments on the go. Greater precision leads to a more controlled, secure environment.

How does it work?

As a business owner, you create access policies for your users and locks. Your administrative staff can then distribute these rights to groups or individuals via a secure, encrypted channel – either to an end user's connected device and key card or directly to a wearable device.

All of this saves time, reduces the need for physical check-ins, and prevents unauthorised people gaining access.

Easy updates for lock manufacturers

As a lock manufacturer, Criotive offers you a robust, scalable digitalisation platform for updating locks over-the-air. Saving both time and money, it delivers immediate results for your business. What's more, the insights and data Criotive generates help you optimise asset utilisation over time.

Why Criotive?

Benefits for businesses:

- End-to-end security
- Vendor agnostic
- Fully scalable
- API + SDK for 3rd party integrations
- Mobile app for Android users
- Kiosk for non-Android users (or places where users do not carry a personal smart phone)
- Potential for add-on services

Benefits for end users:

- Get virtual keys on the go
- Saves time and effort
- Fewer physical check-ins
- Access add-on services
  - Receive targeted promotions
  - Pay cash and card-free

CRIOTIVE

When security matters

Providing tight integration with a secure element, Criotive is the most secure solution for access provisioning available on today's market. Data passes between the service provider and the connected device via an encrypted channel to a phone and card or wearable. This data is never visible to others, but managed entirely in a 'black box' by the service provider.

Access and more

Criotive is the ideal solution for controlling access to buildings, specific rooms, staff lockers or medicine cabinets. Once up and running, you can add other services inside the Criotive platform. For example:

Promotions
Target selected customers with special offers and send them virtual keys or tokens securely via your app.

Payments
As a valuable add-on to your service, enable cashless payments on a wearable device.

- Cloud-based service, no need for on-site servers

- Technology agnostic platform prepared for:
- **Media: phone, wearable, card, connected device**
- **Bearers: BT, LTE, NFC**
- **Protocols: SEMS, MIFARE DESFire/Classic, HCE**

Technical details

Criotive from Sony is a secure, flexible platform for remote, over-the-air distribution of access rights between service providers and connected devices such as phones and wearables. It is end-to-end encrypted, based on open standards, service and vendor agnostic and fully scalable. With intuitive analytics dashboards, Criotive enables enterprises and organisations worldwide to manage individual access rights for large device fleets and user groups.

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