

# Remote Site Management

Whitepaper - Administration of remote locations



## Large areas, lean administration

Integrate large-scale distributed infrastructure in a streamlined and cost-efficient manner into a centralized administration - with secure Bluetooth®, cloud and PIN-based systems.

## Easy installation

Installation and commissioning are done in no time at all.

## Little maintenance

Very long battery life and the use of wear-free RFID technology reduce maintenance costs.

## IT-independent

The connection via mobile radio or PIN2Access technology makes you independent of a local IT infrastructure.

## Remote infrastructure

No matter if switch box, distributor, power pole or transmitting station, the integration of a large-scale installed infrastructure is a real challenge. Remote locations are particularly difficult to integrate, as there is often no local IT infrastructure.

But even the locations in residential areas, on the roofs of existing buildings, are not always easy, as the owners often deny extensive installations and changes to the building.

Our portfolio of standalone and remote connection devices requires minimal installation effort and can be connected remotely and securely via the mobile network.

## Cloud Control Modules

Using the cloud control modules, you can remotely integrate deister systems via the mobile network without having to rely on a local IT infrastructure.

Additional devices such as lights, gates or shutters can also be controlled via additional outputs on the cloud control modules. The highly secure encrypted communication offers maximum security.

- Independent of local IT infrastructure
- Highly secure data communication using the mobile network
- Remote access and live monitoring



## Bluetooth® Digital Safe

The battery-operated Bluetooth® digital safes are robust key safes that can be installed both inside and outside. The IP65 housing is built for all weather conditions.



The Bluetooth® digital safe can be opened easily via smartphone; the rights are transferred securely and remotely to the app on your smartphone via cloud.

The key ring is attached to an RFID dongle, a keyTag, which is inserted inside the digital safe into an electronic slot - so every removal and return in the Bluetooth® digital safe can be monitored and automatically documented.

- Independent of local IT infrastructure
- Convenient rights management via cloud and smartphone app
- Very long battery life for minimal maintenance

## Standalone key system Smart 4

The Smart 4 electronic key cabinet has 4 slots to manage keys or bundles of keys and operates autonomously. It is initially synchronized with the management software and can then be installed standalone.

In the management software, PINs with access rights to one or more of the 4 keys can be generated, which expire after a defined

period of time - these are then sent to the user via SMS, email or app. This means that even external service providers for e.g. maintenance work, can have limited access via PIN with an expiry date.



If the Smart 4 is to be installed inside, it can also control the door to the building or room.

- Standalone and yet integrated in the overall system
- PIN2Access technology generates temporary valid PINs with individual access rights
- Smart 4 can also control a door

## Management Software

With the management software Commander Connect, all deister systems can be centrally managed and configured. Emerging information is collected centrally and can be retrieved at any time. Individually configurable reports are output as automated e-mail, print files or as exports in various file formats. User rights and application-related functions can be assigned with just a few mouse clicks. A client-server architecture enables location-independent operation via a web browser and minimizes hardware requirements and costs. Connection to third-party systems is established via web services or customer-specific interfaces, allowing the Commander Connect to be optimally integrated into existing systems. ■

## About deister electronic

For 40 years, deister electronic has been an internationally modern and sustainably managed family business that stands for innovative and safe automation solutions. With five international locations, we sell our solutions worldwide and have a strong international focus. Our solution portfolio is used, for example, in the following applications: Long-range identification for access control, access control to buildings, automatic management of work equipment and valuables in electronic locker systems, dispensing and management of textiles for laundry and hospital logistics.



Deister Electronics USA, Inc.  
8576 Wellington Road  
Manassas, VA 20109 USA  
E-Mail: [info.us@deister.com](mailto:info.us@deister.com)  
Phone: +1 (703)368 2739  
Fax: +1 (703)368 9791