deister electronic

Product Catalog

EN - V2

Company Profile

deister electronic – The RFID Expert

WHO WE ARE

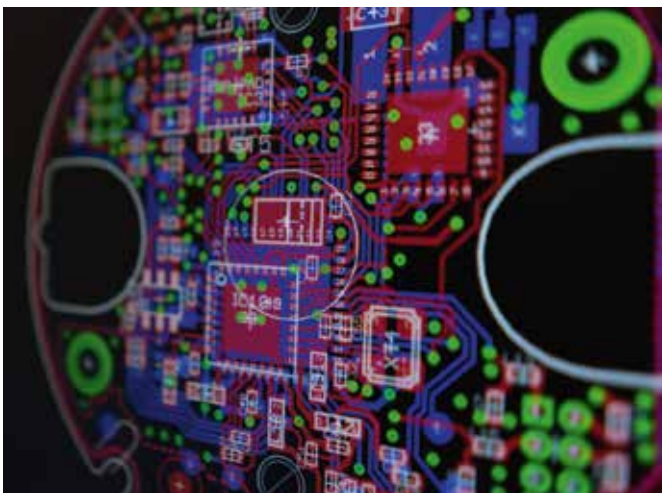
deister electronic is an innovative and modern family-owned company with 6 international subsidiaries. Approximately 200 employees worldwide develop, manufacture, and distribute solutions in the fields of electronic access control, long-range identification, management of valuables, keys, laundry, industrial automation, and many more.

As a co-inventor and specialist in RFID technology, our products enable the electronic identification of people and objects using RFID chips, which can then be managed digitally via software. Our solutions are used in a variety of industries and applications. They help automate and digitize manual processes, increase security levels, and use company resources more efficiently.









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Product and solution portfolio

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V260918 | This brochure contains images that have been partially edited using AI.



Electronic Key Management

Automated release and return—documented

proxSafe© Key Cabinets manage keys, weapons, radios, ISO cards and other critical assets with full audit and report capability. Provide individualized access to specific keys and assets with flexible permission.

At the heart of the systems are RFID keyTags and RFID panels for contactless, maintenance free identification of the keys. Radios, test equipment, tools, weapons, laptops and many other critical assets can be managed. The keyTags and the system are efficient, comprehensible, robust and durable—always tracking who has asset responsibility—fully automatic and fully transaction documented.

Built-in battery backup and cabinet level data storage ensures full functionality in a power or network outage.

- Battery backup and local data storage for continued operation in power of network outages.
- Multiple control terminals to select from.
- Configurable and expandable system design to fit all types of key bundles and other assets.
- Robust RFID design provides maintenance-free operation.
- Remote administrative control over the system.

Technology

Key Cabinets

smart 4

The smart 4 is compact and provides four key slots. Operation can be either by the integrated RFID reader or by adding a proxSafe Terminal. Authorized users can release keys via RFID credentials and/or PIN codes. Only authorized keys are released. Well suited for managing remote locations as PINs can be communicated by SMS or email to update access.

- Easy to use
- Well suited to managing remote sites



smart 4

flexx Series

The flexx key cabinets form a scalable key management solution that can be combined into customised systems according to customer requirements and expanded at any time. Thanks to the scalable modular design, anything from four keys up to several thousand keys can be managed. Different cabinet sizes can be combined and flexibly equipped with a selection of keyPanels. Users can choose between a solid door or a door with viewing window. The cabinets are operated either via a local operating terminal on each cabinet or via a central operating terminal for all cabinets. A particular role is played by the flexx 4, which has been developed specifically for the separate storage and management of especially important keys.

- Maximum flexibility thanks to a modular design
- Small to very large systems possible
- Possibility to change or add further keyPanels



flexx 4

3U 6U 12U 24U 36U

maxx 6U

With a compact and elegant design coupled to automated roll-up shutter door, this cabinet is ideally suited to locations requiring aesthetic appeal or adaptation to tight space.

The roller shutter automatically stops if the path is blocked. Space for two panels allows flexibility in key bundle storage. And the cabinet can be fully integrated with the Flexx Series for overall system adaptability.

- Elegant design with efficient storage
- Automated cabinet open and close for authorized users.
- Flexible with two different panel sites.



maxx 6U

obelixx key kiosk

The proxSafe© obelixx provides automated visitor management—fully capable of integration into all levels of access control processes and systems. Provides visitors to register on their arrival via smartphone, furnished registration link or a provided QR code.

Allows for additional security via an employee credential. An electronic guestbook is provided with audit trails of visitor arrival, departure and key access. Return schedules are monitored and violations provided to administration for resolution.

- Parallel group registration
- RFID monitoring of ID release and return
- GDPR compliant with electronic guestbook



obelixx

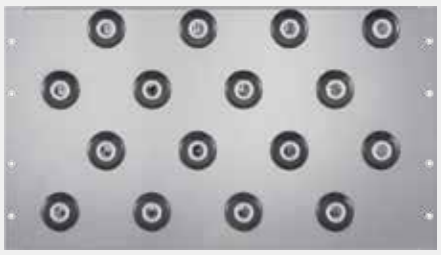
Panels

Both maxx and flexx cabinets are configurable with a variety of panels to best suit the size and character of the keys and assets being managed. In addition to 8, 16 and 32 key panels there are also panels for ISO cards (with or without card holder); radio panels (with optional charge level monitoring); and a locker panel for phones or other small assets.

- keyPanels in 8, 16, 32 keys
- Radio panel with optional charge state monitoring
- ISO 8 panel for cards
- LCP 2 panel for phones and small assets
- Works with both maxx and flexx cabinets

WD 16 keyPanel

proxSafe© WD Wide Density keyPanels, with 6U height, are perfect for extra large sets of keys or other large items.



Wide Density 16

SR 8 V2 keyPanel

A compact single row solution for moderate plug in density.



Single Row 8 V2

SR 16 V2 keyPanel

A compact single row solution for moderate plug in density.



Single Row 16 V2

SD 16 V2 keyPanel

A compact single row solution for higher plug in density.



Single Density 16 V2

DD 32 V2 keyPanel

A compact double density solution for highest density plug-in. Best for small sized keys and key bundles.



Double Density 32

R5 L radioPanel

Holds five radios, controls their access and can optionally monitor charging status of each radio.
NOTE: Not suitable for all North American radios. Check with your Deister sales manager.



Radio Panel 5 Slots

ISO 8 cardPanel

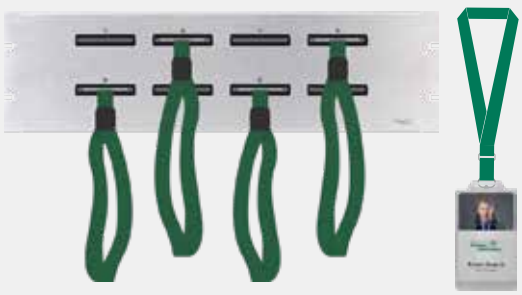
Has 8 drawers for ISO-7810 ID-1 cards providing safe storage. Optionally, RFID cards can be read in the slot to ensure correct content.
NOTE: For RFID card content monitoring compatibility provide card RFID format to your Deister sales manager.



ISO Karten Panel mit 8 Schubladen

ISO 8 CH cardPanel

Specially designed ISO 8 cardPanel with ability to store ISO cards in case and lanyard configuration.
NOTE: Only certain lanyard/case combinations will work. Check with your Deister sales manager.



ISO Karten Panel mit 8 Card Holdern

CHK 1 Cardholder keyTag

Working with all standard key panels this device provides the ability to control and issue ISO cards within a standard array of keys with all the control capabilities for standard keys.



Cardholder keyTag

LCP 2 lockerPanel

For use within any Key Cabinet, the LCP 2 provide two locking compartments (7¼" x 3⅜" x 3⅜"). Comes with an attachable keyTag for content surveillance and can optionally be content monitored with contactless RFID.



Locker Compartment Panel x2

Blindpanel

Key Cabinets are both flexible and expandable. The Blind-panel supports this capability as a place holder for Key Cabinets that may be expanded later for additional keys or other panel resources.



Blindpanel

keyTags

keyTags attach and identify each key or key bundle. The keys are attached with a ring and a single security seal.
The keyTag is an integrated RFID transponder for the unique identification of each asset and is read by the keyPanel for location, monitoring and control.
The keyTag is fully sealed in high impact plastic and is impervious to water, dirt, oil and physical impact. This provides life-long maintenance-free reliability.
They are available in five color options for additional control visibility.

- RFID Technology for Lifelong Functionality
- Immune to dirt, oil and water.
- Replaceable seals protect against manipulation.



keyTags

Terminals

C4+(S) Bedienterminal

The C4+ provides an intelligent user interface and local control over Key Cabinets and Lockers. The keyboard is backlit and offers tactile feedback even with gloves. The terminal supports keyTag release and returns with the contactless RFID identification of both keyTags and a wide variety of User Credentials.
Menu guide and shortcuts make for intuitive and fast operation. The high-resolution color display provides system status and user guidance.
Includes multiple security functions including: Tamper Detection and a SIM-SAM slot to manage high security credential keys.

- Supports 14 languages.
- Built-in RFID reader reads keyTags, most User Credentials.
- Fast and Intuitive operation.
- Built-in Wiegand and OSDP interfaces allow User identification with specialized readers including all biometrics.



C4+(S)

C6+(S) Control Terminal

With a 5.7" high resolution touchscreen the C6+ is intuitive and fast with ability to control all proxSafe© key cabinets and lockers.. In large systems, a built-in search function allows rapid location of need keys or other assets. The terminal supports keyTag release and returns with the contactless RFID identification of both keyTags and a wide variety of User Credentials.
Includes multiple security functions including: Tamper Detection and a SIM-SAM slot to manage high security credential keys.
Menu guide and shortcuts make for intuitive and fast operation.

- Supports 14 languages.
- Built-in RFID reader reads keyTags, most User Credentials.
- Fast and Intuitive operation
- Built-in Wiegand and OSDP interfaces allow User identification with specialized readers including all biometrics.



C6+(S)

C17 Control Terminal

The 17" high-resolution touchscreen supports full control and user interaction with all proxSafe© Key Cabinets and Lockers. The terminal supports keyTag release and returns with the contactless RFID identification of both keyTags and a wide variety of User Credentials.
The full HD device support instructional videos, operating instructions, building layouts and other flexible and critical data. Includes multiple security functions including Tamper Detection and a SIM-SAM slot to manage high security credential keys. Menu guide and shortcuts make for intuitive and fast operation.

- Supports 14 languages.
- Built-in RFID reader reads keyTags, most User Credentials.
- Fast and Intuitive operation
- Supports full HD media, including guideline videos and user instructions.

Nano PC



C17

UHF



Intelligent Management of Assets

Smart, Automatic Locker Solutions

proxSafe® Lockers are intelligent management systems for weapons, radios, and other high value assets. They provide comprehensive control, audit and reporting capabilities. Compartments are modular and available in multiple sizes with optional RFID content surveillance to ensure specific items are, in fact, secure in the correct compartment. Multi-Asset-ID is available for many compartments to track several key assets in a single storage compartment with up to 8 separate assets per compartment. All Lockers are equipped with battery and data backup to continue secure operation in case of power or network failure.

- Operational continuity for network or power failure.
- Optional Multi-Asset-ID Capable
- Optional "integrated charging" function
- Multiple Size Choices
- Cordless Drawer design for reliability

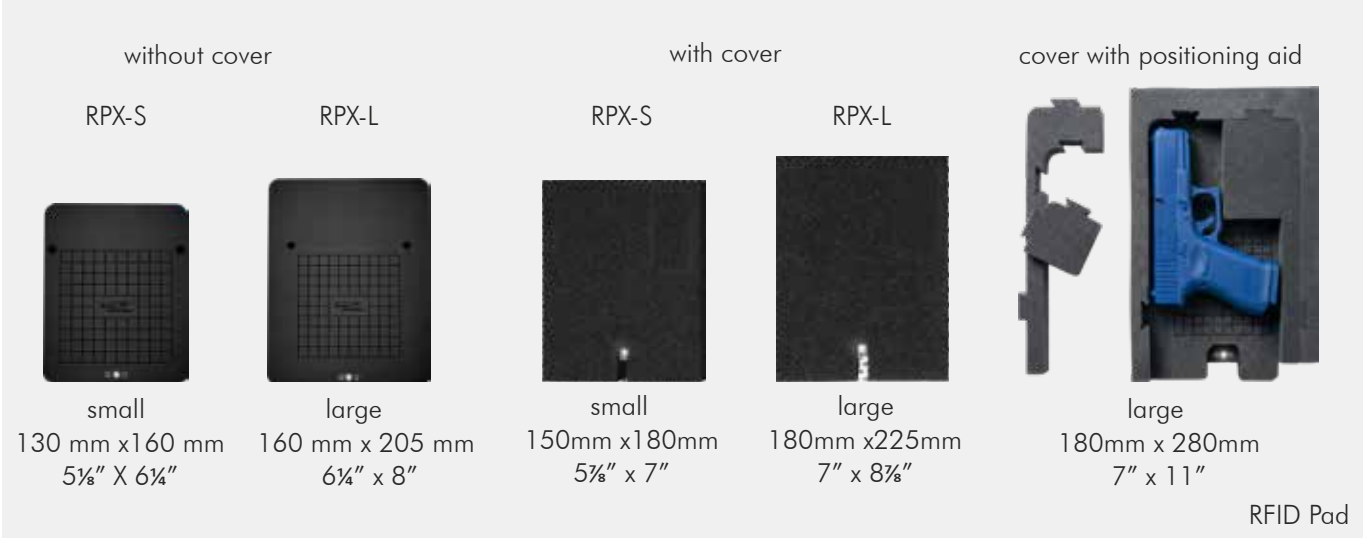
Multi-Asset-ID



Technology

Multi-Asset-ID Feature

This powerful capability provides optimal surveillance of critical equipment and weapons. Multiple assets in a single compartment reduces cost, provides additional efficiency (both space and operational), and avoid complicated positioning of assets—especially weapons. A simple placement on the RFID pad is all that is necessary. Custom foam rubber patterns are available to ensure safe and precise positioning where necessary.



RFID Pad

Multi-Asset-ID Display

This display visualizes the status of the up to 8 Multi-Asset-ID assets stored in a single compartment. Shows at a glance which of the up to 8 objects are in the compartment or not.



ARx 1 Object Return Reader

While all Control Terminals have object return ID capability, it can sometimes be awkward or unsafe (especially for weapons) to present the asset to the Terminal. The Object Return Reader supplements the Terminal reader an allows safe fast asset identification upon return.


ARX 1

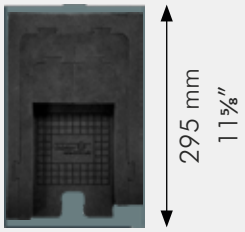

ARU 1 for UHF

Technology

RFID-Pad

These pad choices are designed to fit specific Locker compartment sizes.

S12



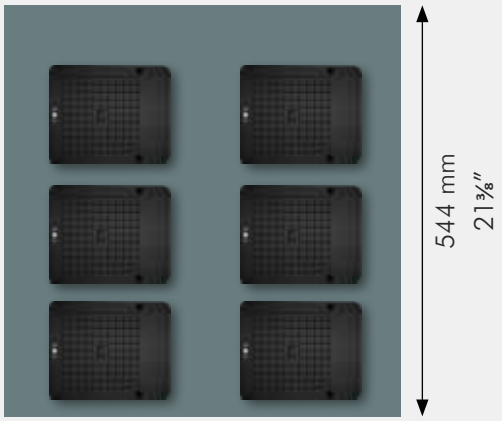
S12, 1 +1 Objects

M12

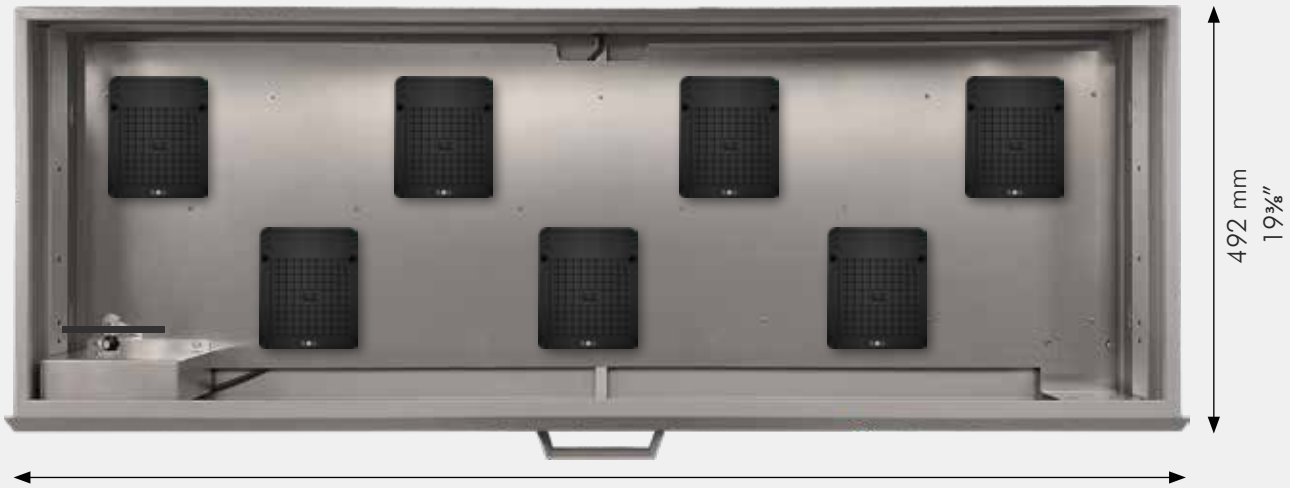


M 12, 1 + 2 Objects

L 4/6/8



L 4/6/8, 1+ 6 Objects



WDC 8, 1+7 Objects



WDC 8 front view with Multi-Asset-ID Display

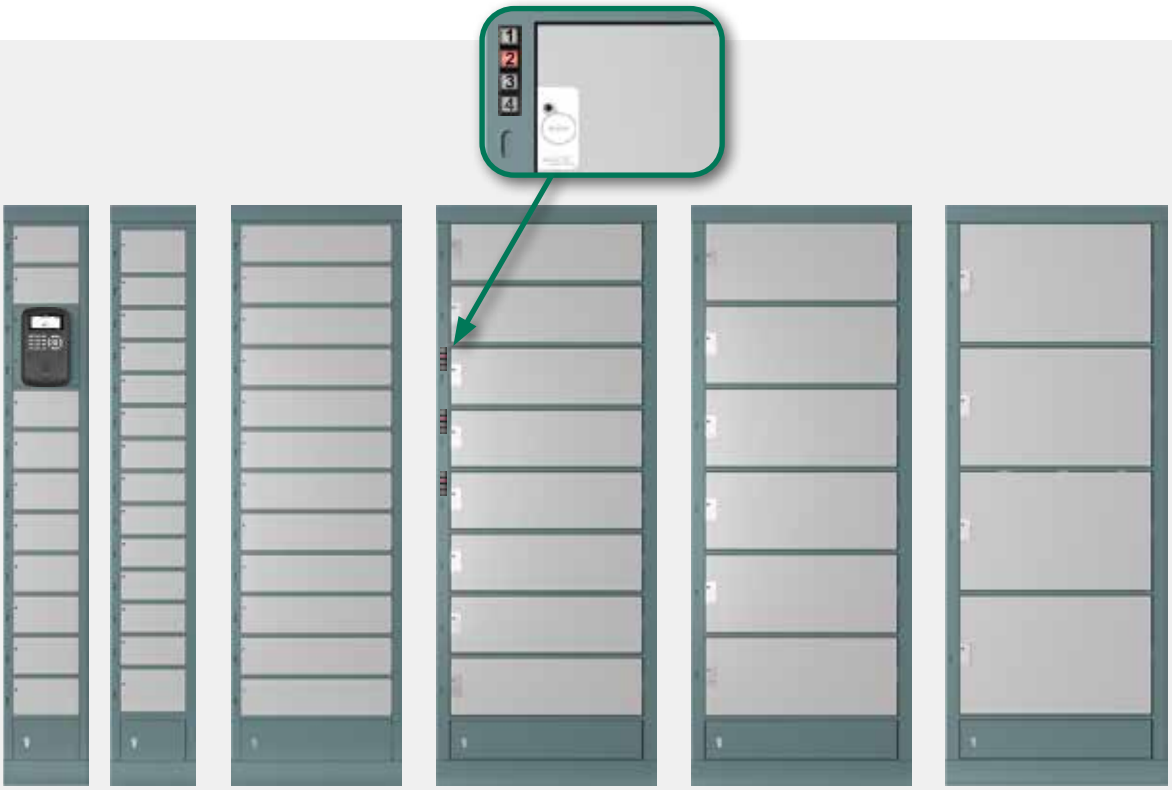
Compartment and Drawer Locker Cabinets

Compartment Series

proxSafe® compartmented lockers come in multiple sizes and can easily be combined with each other and with the full range of key cabinets.
Each compartment may optionally be equipped with RFID (including Multi-Asset-ID) content surveillance to ensure the actual presence of the compartment's complement of item(s).
They work with the full family of control terminals for management of asset access, returns and status

✓ Multiple compartment sizes—all in one system.

✓ Different compartment sizes can be combined



Standard:	S12	S14	M12	L8	L6	L4

Fachabmaße (B x H x T):

	S12	S14	M12	L8	L6	L4
↔	162 mm 6⅜"	162 mm 6⅜"	412 mm 16⅛"	523 mm 20½"	523 mm 20½"	523 mm 20½"
↕	123 mm 4¾"	95 mm 3¾"	116 mm 4½"	192 mm 7½"	260 mm 10⅜"	397 mm 15⅝"
⤢	295 mm 11⅝"	295 mm 11⅝"	287 mm 11¼"	530 mm 20¾"	530 mm 20¾"	530 mm 20¾"

unixx Series

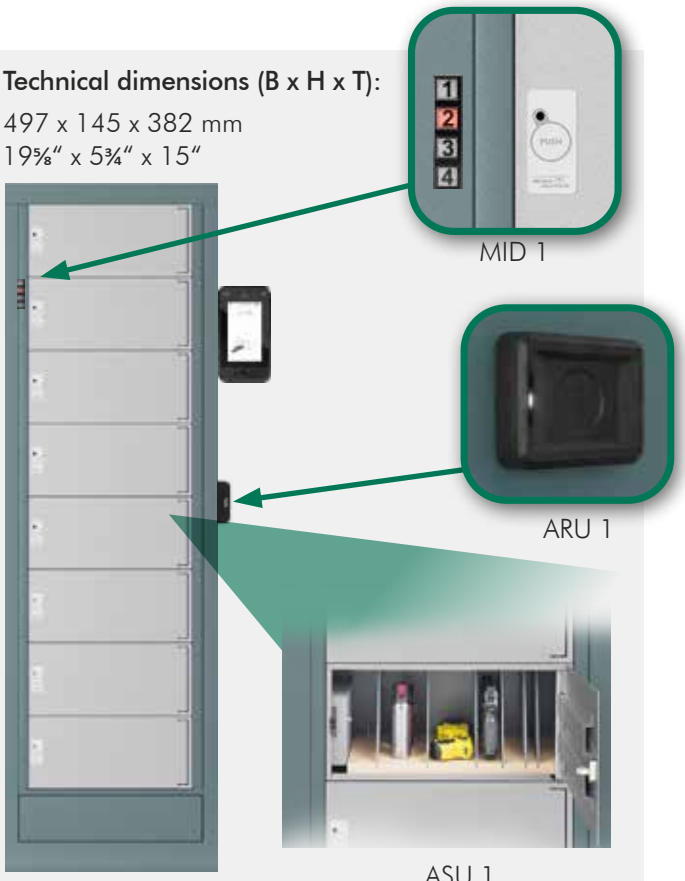
unixx U – Multi-Asset-ID

The proxSafe® unixx U is a modular locker that can include up to eight compartments. With Multi-Asset-ID, several assets can be stored in one compartment and constantly content surveilled with UHF RFID. Up to eight assets can be stored and monitored within a single compartment and the status displayed and recorded.

Compatible with all Control Terminals, releases and returns are logged and controlled locally and within Commander software.

- Management of up to 8 assets in each compartment.
- Individual control over each transaction and asset

Technical dimensions (B x H x T):
497 x 145 x 382 mm
19⅝" x 5¾" x 15"



unixx U

unixx B

The proxSafe® unixx B with modular drawer elements that can be selected to meet operational needs.
The S10 Drawer Module is suitable for vehicle keys or other smaller assets.

The M10 Drawer Module is suitable for vehicle papers and larger flat assets. Both drawer types are push-to-open following authorized release. Compatible with all Control Terminals, releases and returns are logged and controlled locally and within Commander software. Unused space can be handled with blindPanels.

- Ideally available with specialist

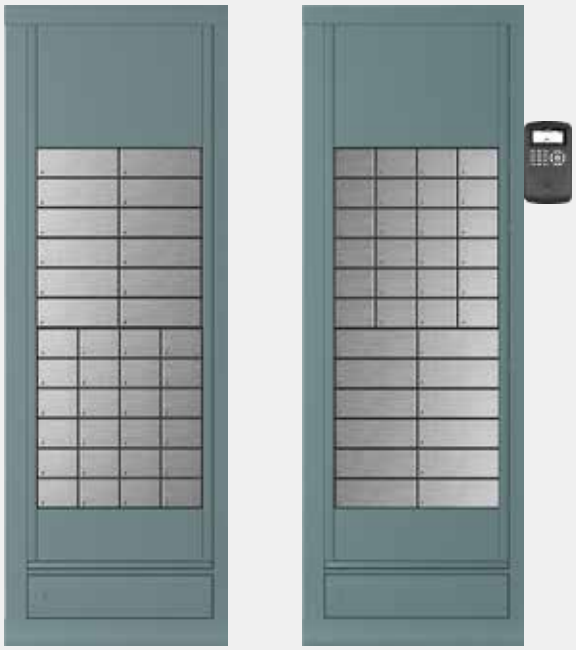


unixx B

unixx L

The proxSafe® is a modular secure drawer cabinet with two drawer size options that can be mixed to suit operational imperatives: 2 wise and 4 wide.
Control is by any control terminal and drawers are opened, once a release is authorized, by push-to-open functionality. Each drawer has an LED to points to the authorized and released drawer. Each drawer comes with a keyTag for attachment to critical assets for content surveillance. The drawers are wireless and permanent.

- Asset monitoring with attached keyTags
- Cordless drawer design for robust and durable operation



unixx L

Flexx cabinet F12 Radios

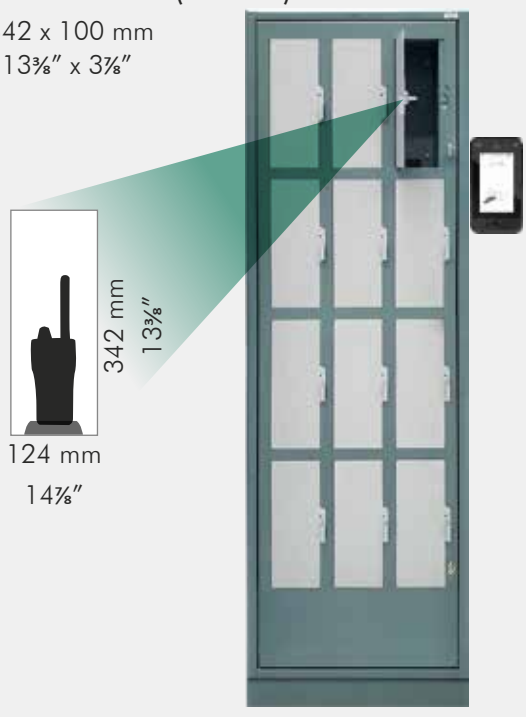
The proxSafe® F12 is an electronic locker specifically designed for the security and management of up to 12 hand-held radios.

Each compartment can optionally be equipped with a charging station and RFID content surveillance. Optional cabinet modification provides power sockets. Using any control terminal, radios are managed and tracked. Another optional capability will detect the charging state of all radios to ensure that the most fully charged radios are released to users.

- Optional RFID Surveillance
- Optional charge state monitoring

Technical dimensions (B x H x T):

124 x 342 x 100 mm
14⅞" x 13⅜" x 3⅞"



F12

WDC 8 Long Gun Locker

The proxSafe® WDC 8 Long Gun Weapons Locker stores and controls access to rifles, shotguns and related weapons. Magazines and other weapons accessories can also be stored and tracked in the drawers.

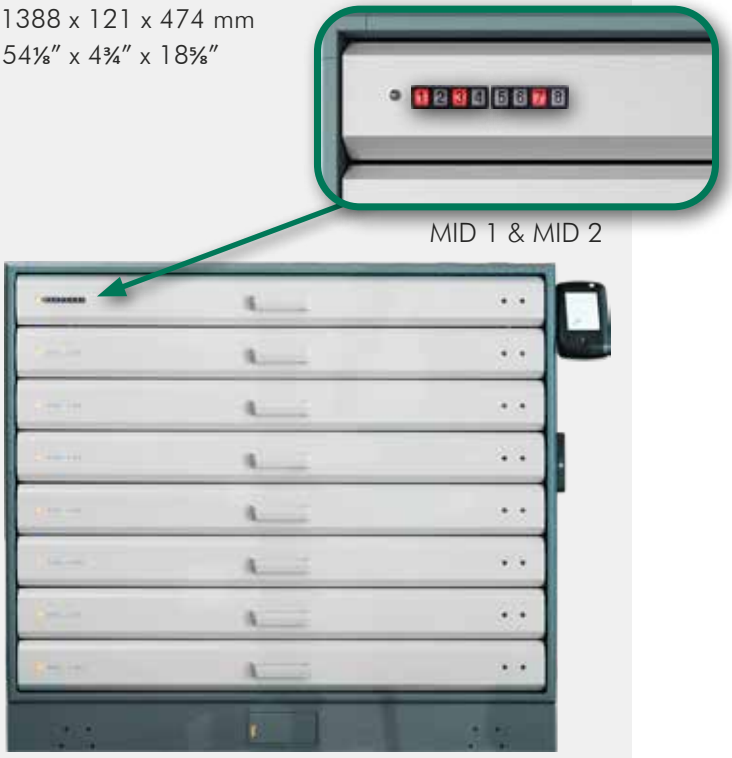
Optionally, RFID content monitoring can be installed to monitor the weapon and all related accessories - up to eight - using Multi-Asset-ID.

Any control terminal can be used for monitoring and accessing the weapons and related assets.

- Ideal for Long Guns
- Optional RFID content surveillance
- Multi-Asset-ID with up to 8 assets

Technical dimensions (B x H x T):

1388 x 121 x 474 mm
54⅛" x 4¾" x 18⅝"



MID 1 & MID 2

WDC 8



WDC 8

Accessories & Add-ons



locker S locker M locker L

Mounting Plates



Mounting Aid for Handgun



Mounting Aid for Long Gun

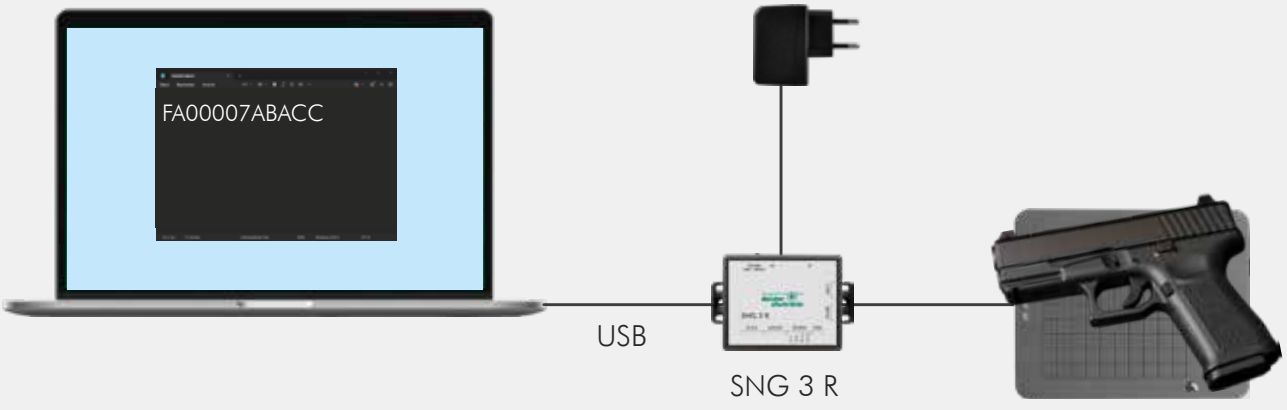


RAX-Antenna

Service & Support Equipment

TTR 1 Transponder Testing and Reading

To verify the detection range of the RFID chips installed in the weapons or objects, the RFID pad-to-keyboard device can be used effectively. It allows you to clearly identify the boundaries of the read field and supports planning the placement of positioning aids. At the same time, if needed, the respective RFID chip can be read out and the data transferred to a computer via the USB interface.



TTR 1

ACCESS CONTROL SYSTEMS



Online access control

Powerful and highly secure access control systems

The doorLoxx® Access control system provides the right solution for each door. Safety-relevant and highly frequented doors are available via online readers of the Infinity Reader™ Serie and manages powerful controllers. doorLoxx® also offers an extensive portfolio in the field of electronic locking systems. This consists of electronic cylinders, fittings, spin shutters and many other designs. Whether old 125 kHz formats, unsafe ID cards that only MIFARE® Classic serial number or MIFARE® Use DESFire serial number, or other technologies such as CASI-RUSCO® or HID Prox – we support you in the migration to a safer reading technology and offer high-quality readers that are future-proof and updateable. The latest PDx 6 reader family even supports the Triple Technologyand 125 kHz as required, MIFARE® and LEGIC® Read ID media. The identification on the access reader can also be done with the smartphone via Bluetooth® or via NFCTM and the use of smartphone wallets.

The deister cipherCard®, the cipher® and the cipher Pass® are our secure ID media that meet today's security requirements and the future and provide more security in your company.

With the Commander Connect software, individual reports, extensive rights and automated workflows can be set up. The variety of certified integrations allows for the connection to other software and systems.

- Updateable, future-proof, "Made in Germany"
- The right solution for each door
- Triple Technology™ to read 125 kHz, MIFARE® DESFire and LEGIC®
- Extensive software & powerful controllers
- Support for all common reading technologies
- Optional with smartphone via Bluetooth® or NFC™ and smartphone Wallets usable

Reader Technology

Infinity PRx Reader Series EU

The Infinity Readers™ are powerful access control credential readersconfigured for Europe and related markets. These reader line is easily upgradable to Bluetooth compatibility and comes compatible with most contactless credential technologies allowing for easy upgrade from legacy credentials to the most modern secure cards. Timeless design provides aesthetic appeal. The discrete LEDs provide user feedback for all users, including those with visual disabilities. Keys offer tactile feedback and clear backlit buttons for all lighting conditions. A removable cover allows for appearance upgrades and custom colors or patterns.

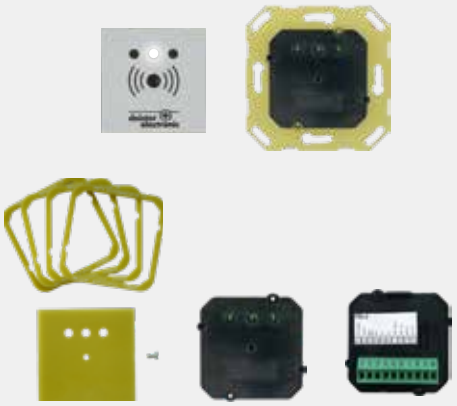
- Many designs and customization available.
- German engineering
- Wide support for most legacy and latest credential technologies.



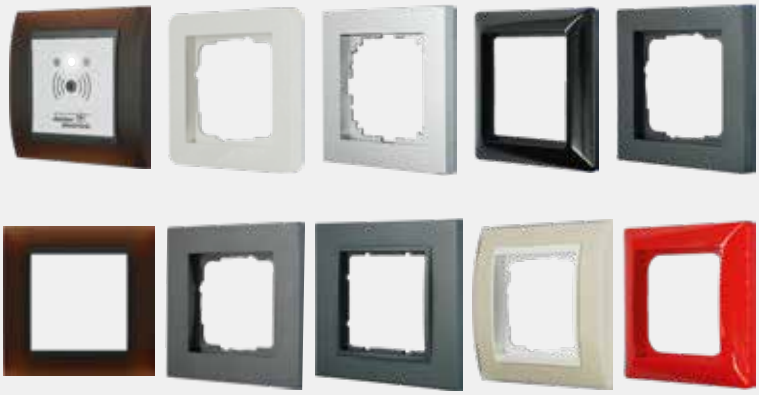
PRx 6 KPx 6



PRx 3 KPx 3



PRx 4



GIRA BUSCH-JAEGER JUNG Schweiz und weitere...

MBL 1 Bluetooth® Integration

All Infinity Readers can be upgraded to include Bluetooth as a credential technology used with smartphones. The MBL 1 plugs into the back of the reader—and can be integrated in the field as well as when purchased. The BLE module is compatible with the deisterWallet app and future Bluetooth updates to the reader firmware.

- Compatible with deisterWallet App
- Retrofittable in all Infinity readers at any time.



MBL 1

MAL 1 airLink® Integration

The MAL 1 allows any Infinity Reader to be retrofitted to connect to the Deister airlink® Network. That wireless network allows the reader to participate in wireless access control systems. It also provides connectivity with oth3r systems including amanTag® RTLS transponders. The MAL 1 supports two power management options: a 100% duty cycle for high data rate/low power and 1% duty cycle for high power transmission.

Installation is a 4 pin plug into the back of the reader.



MAL 1

Infinity PRx-Reader™ Series USA

The Infinity Readers™ are powerful access control credential readers configured for North America and related markets. These reader line is easily upgradable to Bluetooth compatibility and comes compatible with most contactless credential technologies allowing for easy upgrade from legacy credentials to the most modern secure cards. Timeless design provides aesthetic appeal. The discrete LEDs provide user feedback for all users, including those with visual disabilities. Keys offer tactile feedback and clear backlit buttons for all lighting conditions. A removable cover allows for appearance upgrades and custom colors or patterns

- Many designs and customization available
- Wide support for most legacy and latest credential technologies
- German engineering



PRx 6 KPx 6



PRT 4 US

Credentials

cipherCard and cipherFob

Deister provides high security, customer specific options in the Deister cipher credential series. Single Tech and Dual Tech (combining high security HF credentials with UHF or LF technologies for specific applications including legacy transition and long range credential reading.
Apple and Good Wallets are also supported in NFC. Credential programming can be provided by Deister or customers can select from a set of user controlled and managed credential configuration.

cipherFob (Dual Tech)



125 KHz
MIFARE DESFire

cipherFob (Single Tech)



MIFARE DESFire
125 kHz Hitag 2

cipherPass (Single Tech)



Google Wallet
Apple Wallet
NFC

cipherQR



QR-Code

cipherCard (Single Tech)

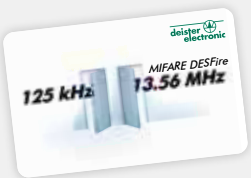


LEGIC advant
MIFARE DESFire

cipherCard (Dual Tech)



MIFARE DESFire + UHF



MIFARE DESFire +125 kHz Hitag 2

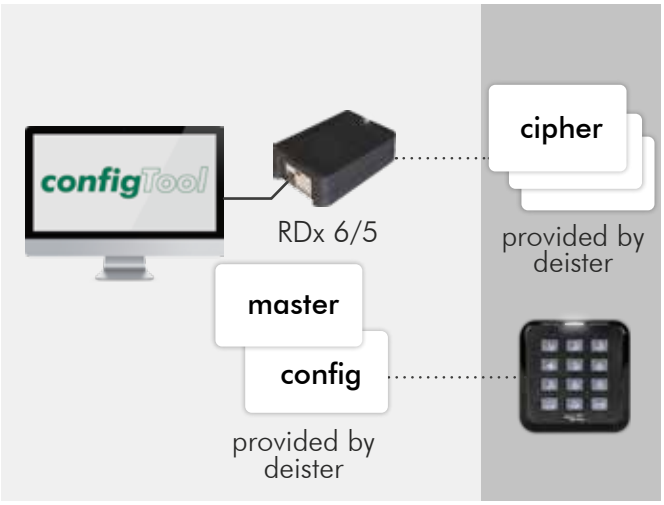
configTool

FLEXX-Version

With this tool, customers can manage their readers to ensure custom encryption keys to maintain control over their systems.

The unique keys and credentials are managed by Deister to ensure configuration compatibility and ID uniqueness throughout.

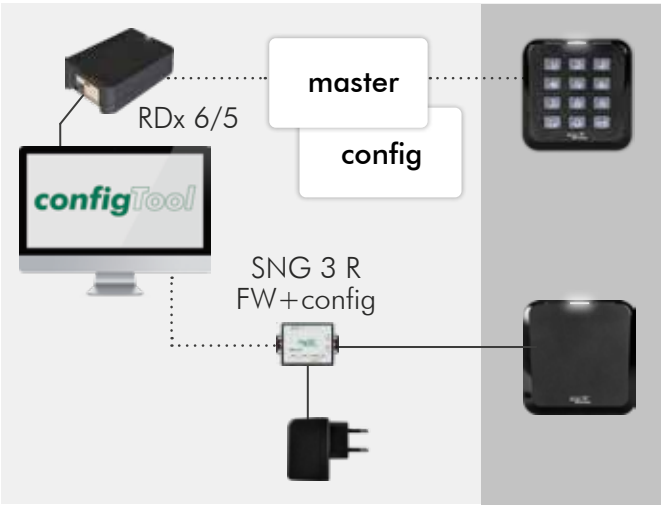
✓ Customer control over reader configuration.



Custom-Version

This configuration control system gives users total control over their readers, credentials and encryption keys including the ability to purchase their own blank credentials for programming in house

✓ Totral customer control over reader configuration and credential programming.



Label Printing (Optional)

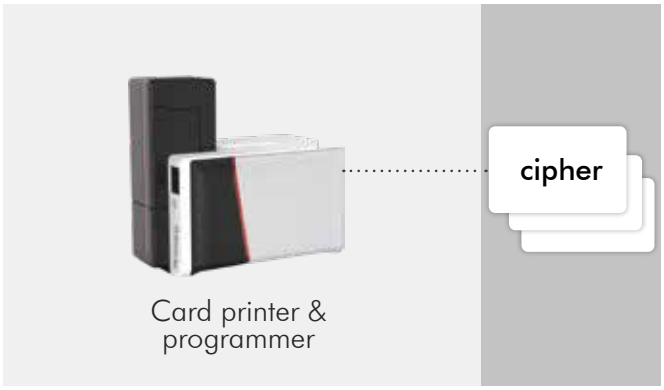
An optional feature for either FLEXX or Custom configTools is the ability to print labels for readers as documentation and assurance of configuration support, if needed.



Card Programming & Printing

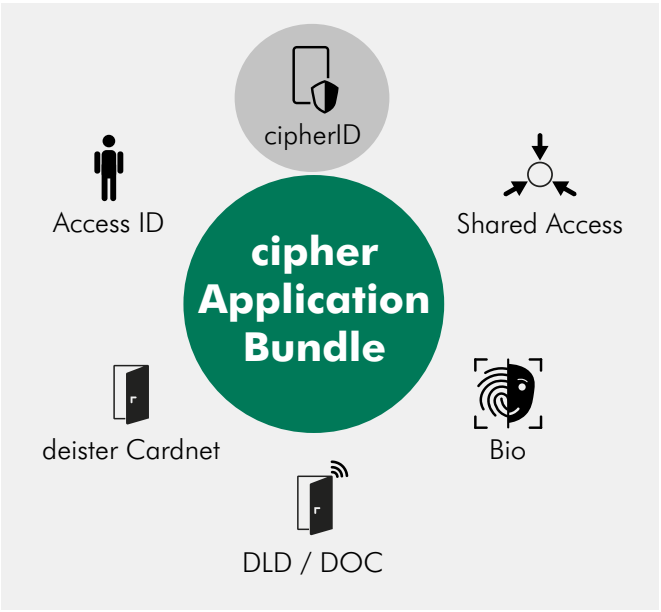
With this optional capability, credentials can be both programmed and printed with their ID number for users wanting full local control on their credentials.

✓ Credential programming and printing.



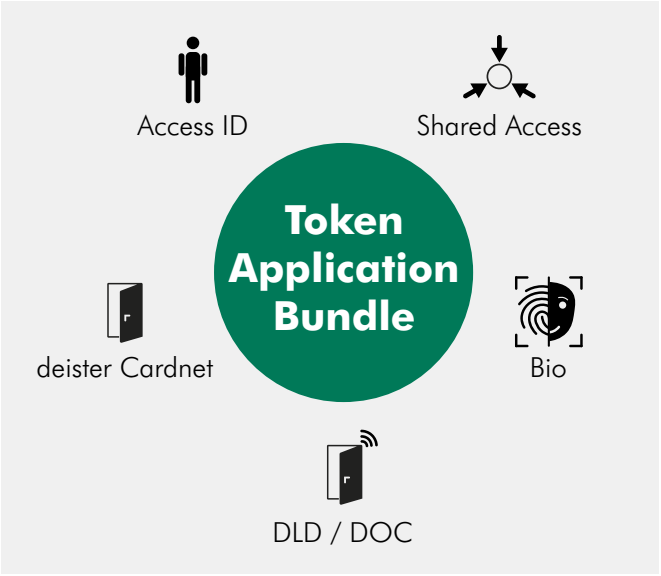
Designed Security
Flexibility through Modularity

Cipher ID credentials are loaded into the applications at the factory and can be used to a variety of control purposes. The cipher ID provides tamper-proof and copy-protected credentials and a fully secure system with NIST standard encryption standards. Highly flexible, the credentials can be configured to customer specific application individually with no security compromise.



Token Application Bundle

The Token Application Suite Applies Cipher ID media to defined token application within the system configuration environment. This expands the credential from an "ID Carrier" to add additional function for access and rights management based on the application—tailored to the readers, security features and keysets used. This allows applications to be activated as needed without leaves the protection of the cipher ID security architecture.



ipEntry® Controller Series

Access Control



The Deister ipEntry ® Controllers range from capability for individual doors or larger multiple door controllers with a variety of expansion modules. All are designed for DIN rail mount for quick secure installation. Modularity assures adaption to specific and varying requirements. Controller devices are DRC connector ready as well as USB connection cables. NIST Standard encryption and SAM ready slots enabled maximum data security and cloud ready. Met housing ACC 1 is available for compact and standard mounting with power supply and back up battery included.

- Extensive Controller and Option Selection
- DIN Mounting
- DRC Connector Ready
- High level encryption with SAM availability for highest data protection.

STC 1 P Gateway- One Door Controller

The STC 1 P connects to Access systems with ethernet and with reader and other local door devices via RS485. PoE power will supply the device plus a DEU 6 5 door control module; two readers and a door strike for cost effective management with no additional components



STC 1 P

OCU 2 P Single Door Controller

The doorLoxx OCU 2 P can control one door with two readers or two doors with one reader each. Mount on a DIN rail for flexible installation. The integrated PoE power supply supplies the controller; all readers and a 12V door strike. The controller also can be supported with an external DC power supply.

- POE
- Up to two readers



OCU 2 P

OCU 8 Multi Door Controller

The OCU 8 can control up to eight doors. It supports up to eight readers on four RS485 buss interfaces for up to four doors with two readers each or up to eight doors with a single reader each. Eight I/O's offer interfaces for sensors and door strikes. The controller functionality can be supplements with the DEU 2 5; DEU 6 5; DEU 8 10 extension modules

DIN mounting provides quick cabinet mounting and quick accurate wiring.

- Up to eight doors.
- Can be extended in I/O with added modules
- DRC Connection Ready



OCU 8

DEU 8 Door Control Module

The doorLoxx® DEU 8 adds an additional eight doors with a single reader or four doors with two readers each to the OCU 8, OC 2 or STC 1 P. It also adds an additional 8 digital inputs and 8 dry contact outputs for sensors and strikes. Like the other modules, it is fully DIN ready or can be mounted near the managed doors.

- Four RS485 connections for up to eight readers
- Eight digital inputs and eight dry contact relay outputs.



DEU 8

DEU 2 S Door Control Module

The doorLoxx® DEU 2 S adds an additional two doors with a single reader or one door with two readers each to the OCU 8, OC 2 or STC 1 P. It connects to the controller with RS485 and has four digital inputs and two dry contact relay outputs, it is fully DIN ready or can be mounted near the managed doors.

- RS485 connections for up to two readers.
- Four digital inputs and two dry contact relay outputs.



DEU 2 S

DEU 6 S Door Control Module

The doorLoxx® DEU 6 S adds an additional four doors with a single reader or two doors with two readers each to the OCU 8, OC 2 or STC 1 P. It connects to the controller with RS485 and has four digital inputs and two dry contact relay outputs, it is fully DIN ready or can be mounted near the managed doors.

- RS485 connections for up to four readers.
- Four digital inputs and two dry contact relay outputs.



DEU 6 S

IO 10 Extension Module

The doorLoxx® IO 10 expands the input output capability of the OCU 8, OC 2 or STC 1 P to 10 digital inputs and 10 dry contact relay outputs. It has a DIN rail housing for quick installation in a cabinet or directly near doors.

- 10 inputs and 10 outputs
- DRC connector ready



IO 10



Cost Effective, High Quality Wireless Locks and Accessories

Flexibel, leistungsstark, „Made in Germany“

doorLoxx® Access Control includes a variety of wireless locks and supporting accessories to complete the flexibility to choose the right solution for each door and access point. Electronic cylinders, fittings, locks and special components, these high-quality solutions provide mechanical quality with electronic performance and reliability.

There are multiple ways of integrating the wireless components into the access control system. Operating modes include deisterCardnet (DCN); deisterLocalData (DLD); and deisterOnlineConnection (DOC). The security challenge is always changing but access control remains in place for many years. Changeable read heads help future proof doorLoxx® components. Adapting to new read technology becomes possible with exchanging entire locking components. All common credential technologies are supported including BLE and NFC along with many legacy cards. Lock component communications are supported by the airlink radio network and airlink spots and thus to the central management software Commander Connect. Use data and component health transmit automatically. Commander Connect provides extensive reports; broad rights structure and automated workflows. Many other Physical Access Control Systems (PACS) are supported.

- Broad product range offers the right solution for each door.
- Future-proof through changeable reading technology heads.
- NFC and BLE ready
- Compatible with Cipher ID

Wireless Locking Components

Exchangeable Read Heads

MIFARE DESFire	LEGIC	LF 125 kHz	NFC - Powered	amanTag®
				
RHB 2	RHL 2 V2	RHX 2	RHN 2	RHA 2

Change reading technology at any time

The read heads are modular and can be easily replaced without modifying the locks. Whether used for lockers or door locks, the system ensures flexibility for integrating new technologies.



Exchangeable Read Heads

Exchangeable Read Heads - USA

PIR only	MIFARE DESFire	LF 125 kHz	NFC - Powered	amanTag®
				
PIR	MIFARE DESFire airLink	125 kHz airLink	MIFARE DESFire NFC	125 kHz airLink
RHP 2	RHB 2	RHX 2	RHN 2	RHA 2

Change reading technology at any time

The read heads are modular and can be easily replaced without modifying the locks. Whether used for lockers or door locks, the system ensures flexibility for integrating new technologies.



Exchangeable Read Heads

Wireless Door Fittings – European Locks

DHM 3 Slim and DHM Slim Plus

For European doors to allow installation of doorLoxx wireless locks in most common door configurations. The wireless locks themselves include advanced features including long battery life; Bright signally; door monitoring; and integrated REX.

- Modular and adjustable
- Multiple operating modes: Office, Duration-Up and more
- Door Monitoring and Privacy function
- Long battery life.



External
Base plate



Interior



Inside with
Plus Option



Exterior

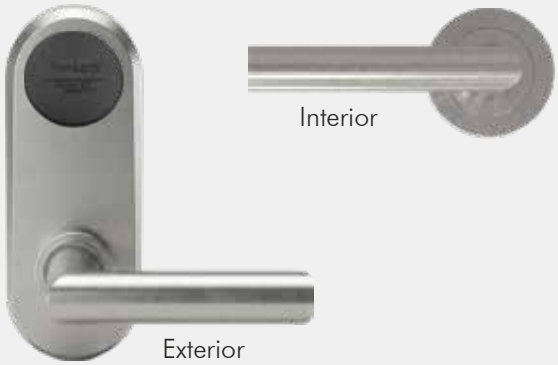


Interior

DHM 3 Nano

Simple installation - one door or several - for most European doors.

- Modern design with long battery life
- Many operating modes: Office, Duration; Toggle and more
- Optimum operational touch haptic



DHM 3 Nano

DHM 3 Nano Plus

For European doors to allow installation of doorLoxx wireless locks in most common door configurations. The wireless locks themselves include advanced features including long battery life; Bright signally; door monitoring; and integrated REX.

- Modern design with long battery life
- Optimum operational touch haptic
- Many operating modes: Office, Duration; Toggle and more
- Includes Privacy Function; Door Monitoring



Exterior



Interior

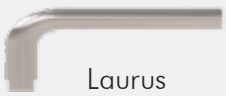
DHM 3 Nano Plus

Accessories

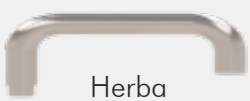
Available handles



Silva



Laurus



Herba

Available rosettes



for handles



for pipe frame door



for full-sheet door



Blind cover

Door contacts



DCS door contact for steel doors



DCW door contact for wooden doors

Electronic Cylinders

DCM 2 Door Cylinder

European door cylinder available in several standard lengths and available with one or two read heads (for bi-directional control).

- Modern design with long battery life
- Many operating modes: Office, Duration; Toggle and more
- Optimum operational touch haptic
- Includes Privacy Function; Door Monitoring



Exterior Interior DCM 2

Electronic Furniture Locks

DCL 3 Electronic Spin Lock

The doorLoxx® DCL 3 is a wireless locker lock that fits most common office furniture. Cabinets, lockers and wardrobe furniture can be electronically controlled and monitored with quick installation and into access control.

The bolt of the locking mechanism can be easily adapted to the particular installation. A timeless design and efficient energy management enable long battery life and durability. Clear LED displays feedback even in bright daylight.

- Compatible with most common lever shapes
- Easy installation and long battery life.
- Many operating modes: Office, Duration, Toggle and More



DCL 3

WCU 3

Battery Operated Control Unit

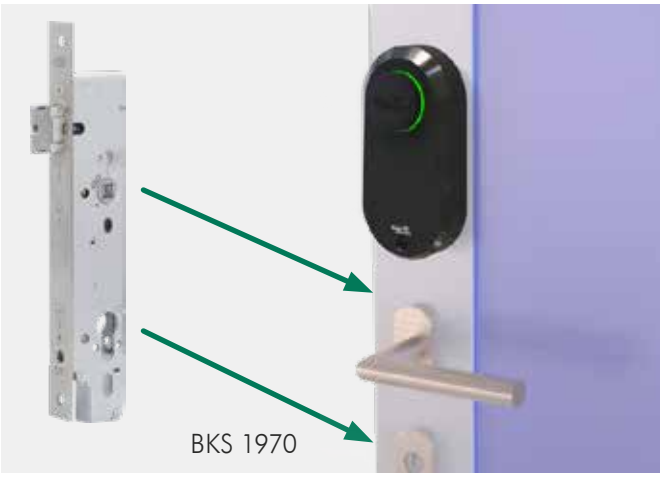
The doorLoxx® WCU 3 Control Unit is a battery-operated reader with integrated controller for compatible motorized locks. Other locks or gates can also be controlled with the with the integrated relais. For motorized lock installations, offers highest ease of use and easy installation without expensive cabling.

It is attached directly to the door and connected to the motorized lock with a short cable. An energy-efficient wake-up system provides long battery life. Optical and acoustic feedback. Connects to Commander Connect access control software via airlink® technology.

- Connection with airLink®
- Modern Design and Long Battery Life
- Many operating modes: Office, Duration, Toggle and More



WCU 3



BKS 1970



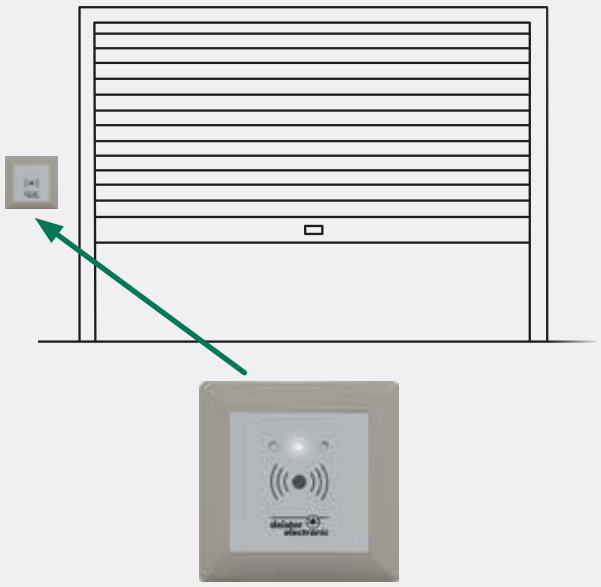
BKS 2170

WCU 1 V2 Control Unit

The doorLoxx® WCU 1 V2 is an intelligent control unit with two inputs and a single output for connecting sensors and door strikes in the immediate area of the door.

The unit combines classic access control function with wireless locking systems. The WCU 1 V2 is flush mounted and includes an integrated multi-technology reader.

- Combines standard access control features and wireless locking system.
- Flush Mount Design



WCU 1 V2

WCU 2 Control Unit

The doorLoxx® WCU 2 is a single door controller operating in a wireless lock environment. The device has several I/O' for connecting sensors and door strikes directly in the door locale with a built-in multi-technology credential reader. An additional reader can be connected to the unit.

The WCU 2 combines all the access control features required for secure door management while avoiding long cable runs.

- Installation and Simplicity Advantages of a Wireless Lock System.
- Power of a full featured Access Controller



WCU 2

PDL50 Padlock

This digital padlock encompasses all the features of a Wireless Locking System. Contactless opening via any of the reader modules, and monitorable within the Commander Connect access control software.

The padlock housing is galvanized steel with stainless steel shackle. Supports all common credentials including NFC and BLE.

- Easy to close
- Tamper-resistance and protected read head.
- Rated for 60,000 activations.
- Indoor and Outdoor (IP65) applications

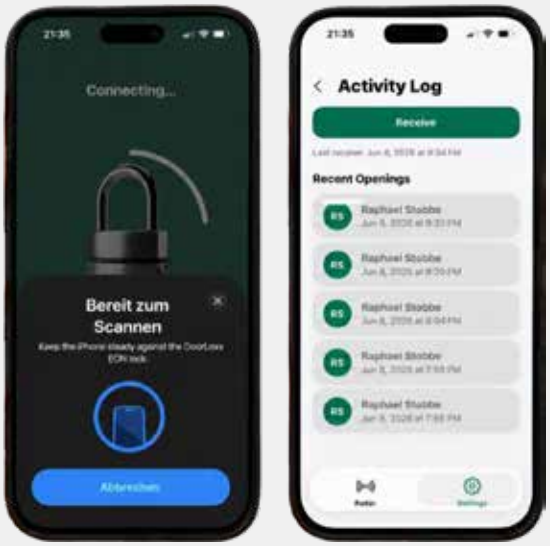


PDL 50

doorLoxx® NFC - Access with Android and Apple

For maximum flexibility, the padlock supports smartphone-based access in addition to RFID credentials. Using the NFC functionality of modern Android and Apple devices, users can conveniently unlock the lock contactlessly via an app. This provides digital access credentials at all times without the need to carry additional keys or RFID transponders.

Since power can be supplied through the NFC interface, an NFC-powered reader head can also be used. In this configuration, the PDL 50 padlock can operate without batteries.



doorLoxx NFC

DAHM 3 Smart Handle

Wireless Lock

The doorLoxx® DAHM 3 is compatible with both KIK and SFIC cylinder standards. With its simple compact design, it fits many North American doors and is compatible with both tubular and mortise locks. The housing includes a multi-function button on the inside of the door for special functions such as Privacy or Alarm. LED and audible signals guide the user.

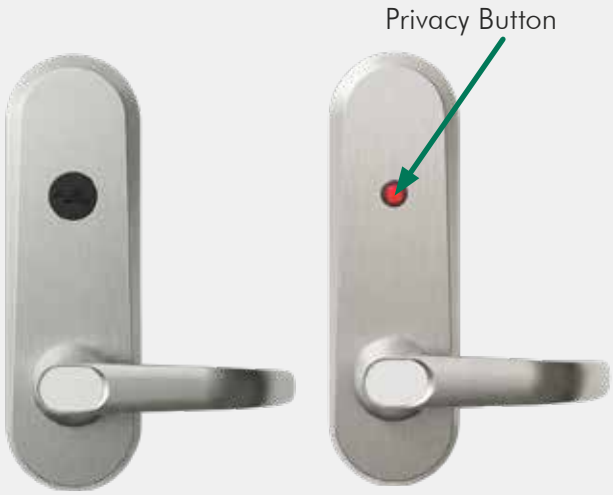
The DAHM 3 supports operational monitoring with the use of a door presence sensor and an integrated REX sensor to prevent false alarms. Powered by two Lithium AA cells provide extended operation time. With changeable read heads, the DAHM 3 can be adapted to most card technologies, to NFC and BLE, and supports DOC. DLD, and DCN operation modes.

For special applications, such as remote control for AMOK compliance, operation modes can be combined. Wireless airlink® connection offers powerful access control features—effectively making the DAHM 3 perform as a complete door system.

- Long battery life
- Multifunction button and door monitoring
- Exchangeable read heads for new technology adaptation (future proof)
- Modular design, capable of feature addition
- Supports most common credential technologies.



front DAHM 3



back DAHM 3

DAHM 3 AMOK

Smart Wireless Lock with Emergency Lock-down (AMOK) Function

The DAHM 3 AMOK is a Wireless Lock with AMOK functionality—compatible with most standard tubular latches and mortise locks. The timeless design is compatible with any environment. A rotating 180-degree display provides users with locked/unlocked designation. airlink® compatibility using the ALS DOC remote provides real-time activation for centralized lockdowns.

Decentralized activation is provided with a second inside read head enables a teacher or other authorized person to activate AMOK mode by with their credential. AMOK activation is confirmed with the rotating display and a flashing LED.

If unauthorized access is attempted during AMOK mode, the outside reader flashes red and access is denied. Override credentials (Principal, Police) can still unlock the door. To deactivate AMOK mode, the same credential is presented again to the inside reader.

The DAHM 3 AMOK can be connected wirelessly to the system via ALS DOC Spot wireless gateways or in network on card-based systems. It supports all three operating modes (and can be combined): DOC, DLD, and DCN

- Large visible display for lock status
- Remote centralized lockdown with airlink®
- Decentralized lockdown with close down button or second read head
- Combined operating modes for reliable operation if system is down.



DAHM 3 AMOK



DAHM 3 AMOK

DAHM 3 PANIC

Wireless Lock with Panic (Crash Bar) Functionality

The doorLoxx® DAHM 3 PANIC is a Wireless Lock for popular tubular latches and mortise locks with LED for clear user feedback. This version works with a crash bar and the BDC 1 PIR and provides a cost-effective wireless access control solution for securing emergency exits.

The BDC 1 can be configured with either a contact input or PIR presence detection. In PIR mode, the presence detector automatically overrides the door sensor input when a person enters its detection range, allow the system to recognize that the door was not forced open.

This allows use of crash bars without REX. The DAHM 3 PANIC connects via airLink® and supports combinable modes DOC, DLD and DCN.

- Door surveillance with contact input or PIR sensor.
- Three opening modes that can be combined.
- Works with existing crash bars.



Outside Inside

BDC 1 PIR

Accessories



Steel door contact DCS



Wooden door contact DCW

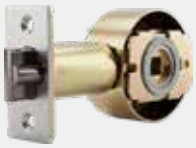


BDC 1

MTL 1 MTL 2 MTL 3



Mortise Lock Mortise Lock Classroom Mortise Lock Office



Cartridge Cylindrical Latch CCL



Tubular Latch Lock TBL

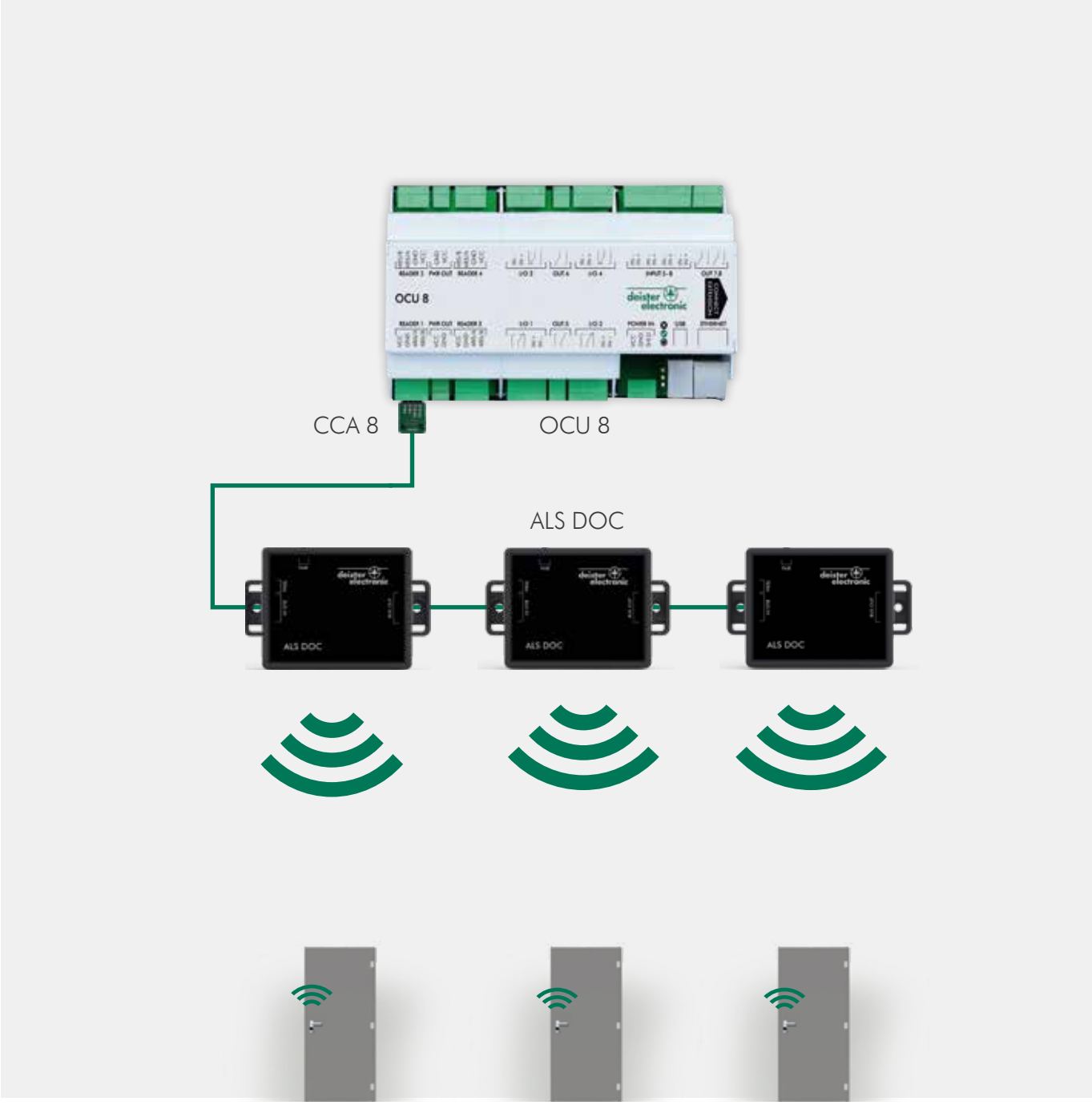


Pushbar PSB

airLink® Radio Connection (Individual Door)

airLink® is secure wireless connection between Deister wireless components with range of up to 33 feet indoors. The ALS DOC is an airLink® Gateway to connect standard electronic locking components wirelessly. The ALS DOC is wired to the controller and communicates wirelessly with a single wireless lock including battery status and "heartbeat" to ensure continuous monitoring. Polling intervals can be adjusted to ensure required monitoring with battery life.

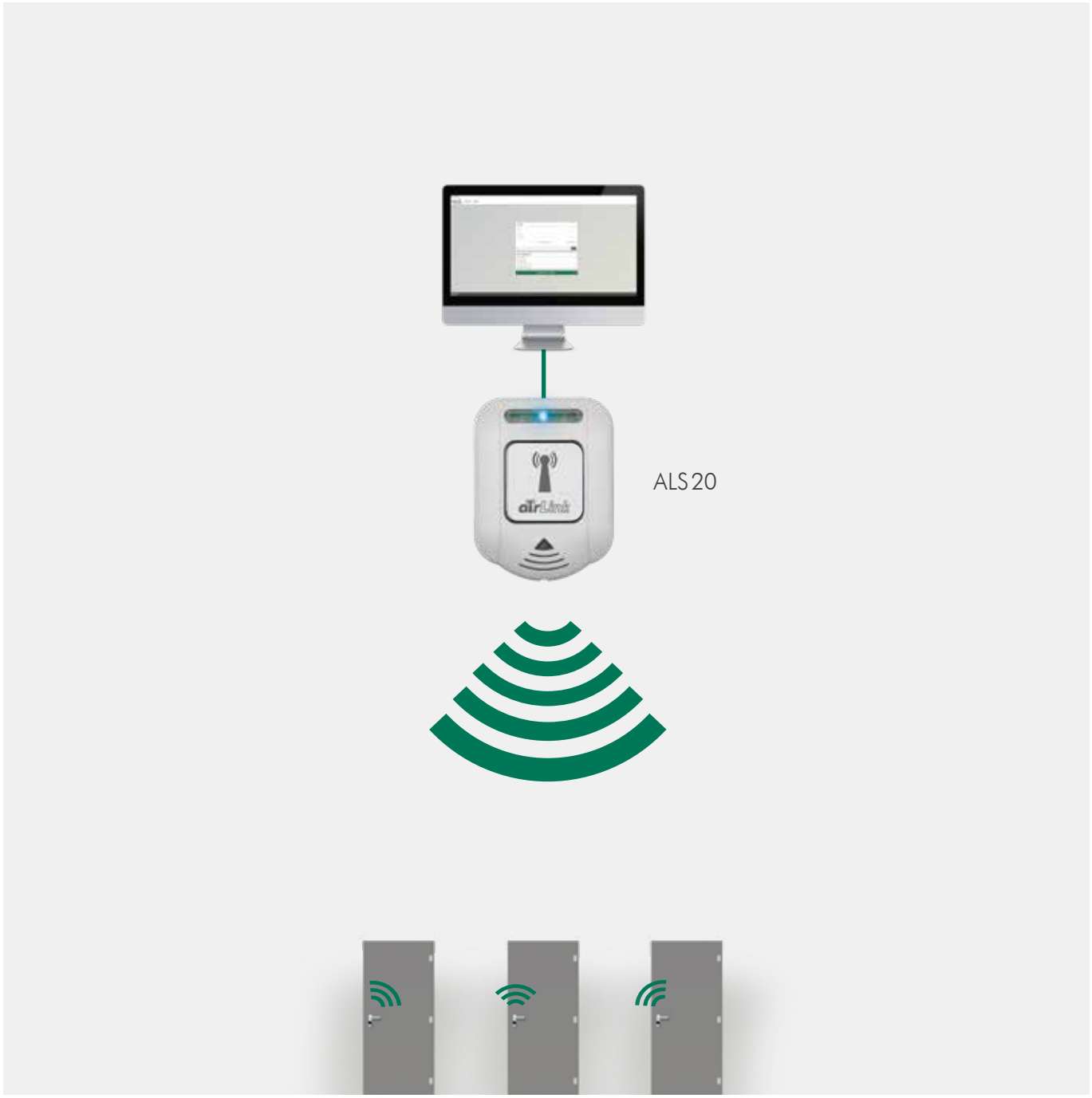
ALS DOC 1:1-Gateway



airLink® Radio Connection (Multi-Door)

airLink® is secure wireless connection between Deister wireless components with range of up to 50 feet indoors. The ALS 20 is an airLink® Gateway to connect standard electronic locking components wirelessly. The ALS DOC is wired to the controller and communicates wirelessly with multiple wireless locks including battery status and "heartbeat" to ensure continuous monitoring. Polling intervals can be adjusted to ensure required monitoring with battery life.

ALS 20 Multi Gateway



Service & Support Equipment

AST 1 Configuration and Service Tool

The AST 1 is a compact wireless airLink® communication device that plugs directly into a USB port. The tool allows configuration, initialization, reading, updating and other service activities for all deister Wireless airLink® products.



AST 1

DKA 1 Configuration Adapter

The DKA 1 V2 configuration adapter is used for configuring doorLoxx® reader caps, such as RHB 2, RHL 2 V2, RHX 2, RHN 2 and RHA 2. The DKA 1 V2 is connected to the PC via USB-C and controlled using the deisterConfig software.



DKA 1 V2

DKA 2 Configuration Adapter

The DKA 2 configuration adapter is used for updating and configuring the new digital doorLoxx® lock series, such as DHM 3 SLIM / SLIM plus, NANO / NANO plus, NANO ANSI, DCL 3, DAHM 3, etc. The DKA 2 is connected to the PC via USB-C and controlled using the deisterConfig software.



DKA 2

STS 1 Service Tool Software

The doorLoxx® STS 1 is a versatile software solution for efficient on-site maintenance of locking components and identification media. In combination with the AST 1 USB stick and the doorLoxx® service card, components can be initialized, configured, integrated into the system, reset to factory settings, event logs can be read out and firmware updates can be performed. For identification media, the software provides functions for initialization, system integration and resetting. The STS 1 runs on mobile devices such as laptops or tablets, making it ideal for flexible field use. The download is available via the deister Dashboard.



STS 1

Service & Support Equipment

AST 2 Configuration and Service Tool

The AST 2 is a central service and configuration tool for doorLoxx® components. It communicates with door release devices, readers and transponders and provides programming.

During initial installation, it securely stores the encryption keys from the system master card and distributes them to all qualified devices.

Event data can be read from credentials and door release devices. Blacklists can be loaded. Service information including the number of closures and battery status and also accesses.

The device can create permission profiles.



AST 2

AST Range

The AST Range, used with the AST 2, is a tool for testing and determining the airLink® ALS 20 mounting for range, radio coverage and optimal mounting positions before actual installation.



AST Range

Service & Support Equipment

AST Range Plus

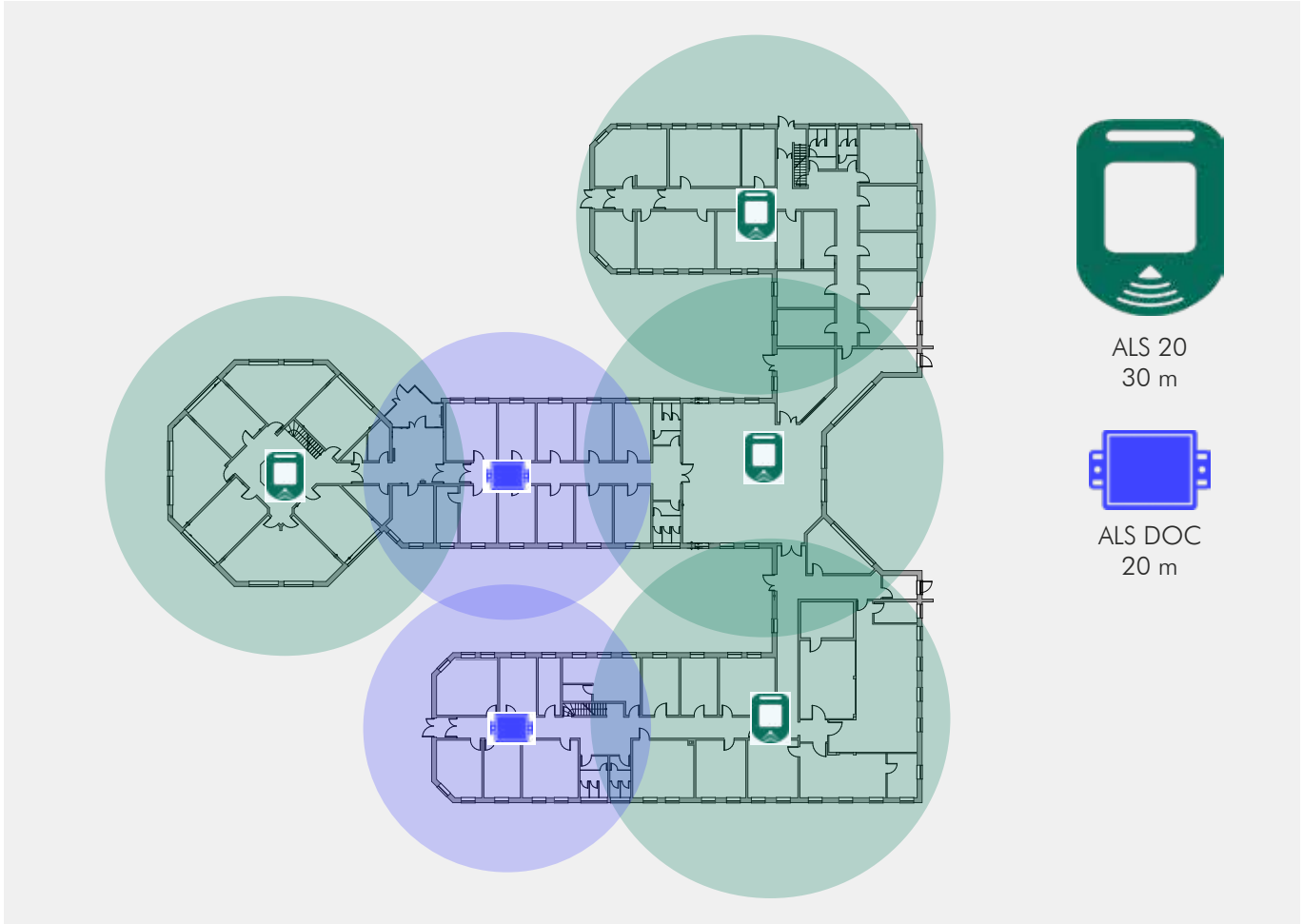
The AST Range Plus is a tool for determining optimal positioning and performance assurance for the ALS 20 and the airLink® network during installation.

Using with the AST 2 (which simulates the RF characteristics of the wireless components), range, radio coverage and optimal installation locations along with the number of ALS 20's required can be reliably determined prior to installation.



AST Range Plus

Radio Coverage ALS 20 / ALS DOC





Long Range Access Control

Powerful and reliable long-range identification

tranSpeed® provides long-range identification with passive UHF RFID. The transponders are mounted in or on vehicles or other equipment and can be read up to 20 feet from the mounted reader. Transponders are available as windshield transponders; dual-technology card credentials; or as a bumper assembly. Installation is simplified with powerful installation tools—chief amongst these is the POC which allows for easy one-person optimal installation of windshield transponders.

TSU 200 Long-Range Reader

The TSU 200 is compact and robust UHF reader with up to a 20-foot adjustable read range. The IP67 housing allows outdoor installation. Auto-Tune mode provides efficient and effective installation.

- Waterproof IP67 housing
- Read range up to 20 feet
- Automatic configuration with Auto-Tune



TSU 200

Technology

Identification

For reliable vehicle identification, the TPU 3082 for windshield mounting and the UDC 170 Bumper Tag for vehicle body mounting are available, depending on the installation location.

The tranSpeed® TPU 3082 is an adhesive, passive UHF transponder for windshield mounting. It is encrypted with deister smartFrame®. Its tamper-evident label design destroys the transponder if it is removed without authorization.

A supplementary label can be used to adjust the read range for specific vehicle types, ensuring reliable identification of different vehicles from the same reading position.

- Hochsichere Verschlüsselung durch deister smartFrame
- Manipulationssichere Vignettenfunktion



Rückseite



Vorderseite

TPU 3082



UDC 170

TPU 7461/ 3150 Transponder

The TPU 7461 is a dual-technology credential that enables users to identify themselves both at vehicle access points and at building entrances. The TPU 7461 combines MIFARE® DESFire®, cipherID®, and passive UHF technology with deister smartFrame® encryption. Its specially developed, patented antenna technology ensures optimal performance at card readers while providing reliable long-range identification when carried in the hand or worn on the body. The TPU 3150 is a UHF-only credential that can be used for both vehicle and personnel identification.



TPU 7461

TPU 3150

POC

The tranSpeed® POC is a measurement device used to determine the optimal mounting position for passive UHF transponders on a vehicle windshield. It identifies areas where the field strength is sufficient for reliable UHF transponder operation.

The POC is simple to use—an LED indicator illuminates once the field strength is strong enough to ensure reliable identification. This verification step is especially important in modern vehicles equipped with UV coatings, tinted glass, or heated windshields, where signal attenuation can vary significantly. For this reason, testing is recommended for every vehicle.





POC



Security and Service Assurance

Effectively manage and control guard and service personnel

dataLog systems provide work planning and control of service personnel in guard tours; factory protection; building cleaning; critical maintenance and many others. Staff register their service with RFID checkpoints; guardiX® data collectors or smart phones. Smart phone use also allow cloud-based real-time functions for protecting and transitioning staff. The Hybrid System guardiX Connect® provides guardiX® data collector reads over the cloud. The guardiX Connect® Docking Station transmits data securely in the cloud to the central control software.

- Computer connected, Hybrid; and Cloud Systems
- Robust and durable data collector

Checkpoints and Event Cards

dataLog KSC 30 and KSC 35 D RFID checkpoints are programmable and rated for outdoor use. The KSC 30 is compatible with guardiX® Data Collectors while the KSC 35 D is a dual frequency checkpoint which can also be read with NFC on your smart phone and the deisterCheck app. Event cards have special RFID encoding for event collection with the same guardiX® Data Collector as reads the checkpoints.



KSC 30 KSC 35 D KSC-E 021-030

Technology

Direct computer connection

The guardiX® Data Collector with the guardTrans docking station downloads the returned data into connected computer database and charges the Data Collector at the same time. The user points and shoots in front of each checkpoint and then places the Data Collector in the guardTrans.

- Long Data Collector battery life
- Robust design and easy collector operation



guardTrans



guardiX®

Cloud connection

guardiX Connect® is a Cloud docking station that charges the Data Collector and sends data via the Cloud via the Cloud to the central database.

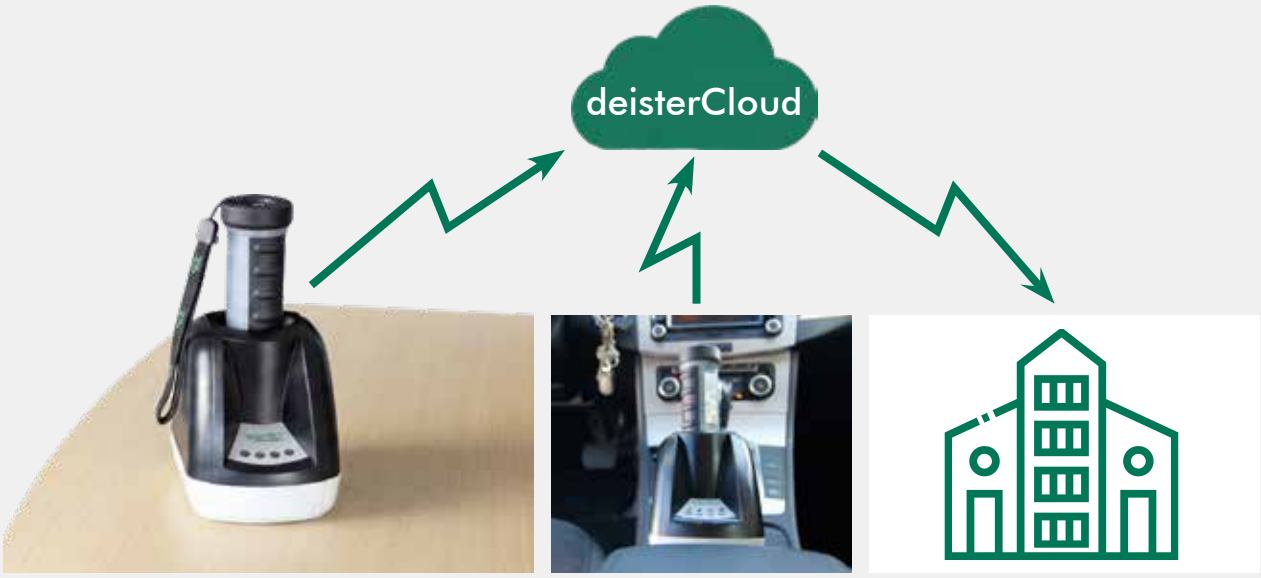
- Ideal for dedicated guard services, patrol drivers and intervention teams.
- Remote data transmission of collected data.



guardiX Connect®



guardiX®



Guard | Vehicle | HQ



Personal Protection and Real Time Location Systems

Protection and location for staff, patients and newborns

amanTag® is a Real Time Location System (RTLS) for protection of patients with cognitive disabilities (SeniorGuard®) and newborns (BabyGuard®). amanTag® provides hands free access control along with staff, assets (keys, equipment) and patient location. Use of active transponders triggers a location signal which then activates an alarm or unlocks a door. Advanced dual-frequency technology overcomes body or structural RF shielding for high reliability in sensitive applications.

The underlying amanTag® technology can be used in a wide range of applications and products. The amanTag® door fitting is particularly suitable for areas where people with dementia reside permanently. Access can therefore be restricted to the rooms assigned to each individual. The loxxOpen® system, particularly when used in radiotherapy, increases safety at linear accelerators: irradiation is only enabled once all staff have left the treatment room and the room has been confirmed clear.

The amanTag® desktop reader was developed specifically for the automatic screen-locking function of the loxxIn® system. loxxIn® automatically controls the PC screen to prevent unauthorized persons from viewing patient data. The information is only accessible while an authorized person is present at the workstation, helping to protect patient data in compliance with the GDPR.

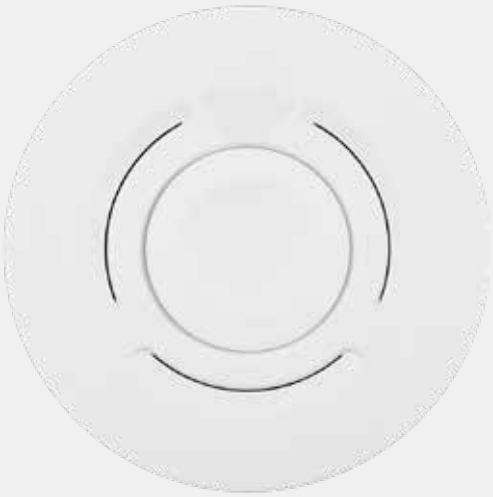
- Reliable dual-frequency technology
- Patient protection with loxxIn® system
- Long transponder battery life
- Location and protection of personnel, assets and patients
- Adjustable read range
- Integrated I/Os for offline operation

Technology

LCA 500 LT Locator

The amanTag® LCA 500 LT Provides location information on all amanTag® transponders at an adjustable distance of up to 16 feet. The locator can also release doors or trigger an alarm. Optionally a beeper and LEDs can indicate the status of the locator and acknowledge the detection of a transponder. The locator can be programmed with multiple action profiles to automatically activate predetermined actions based on transponder type.

- Programmable actions on location
- Reliable transponder detection
- Read range up to 16 feet



LCA 500 LT

Transponder

Patients

The amanTag® patient ID family are active patient-worn transponders available in multiple design and work on the wrist. UTA 1 includes a button for emergency call reset. The BTA 1 is specific for newborns—place in a diaper pouch. All transponders have high reliability dual-frequency technology and very long battery life.

- Multiple designs
- Reliable performance even with body blocking



BTA 1 UTA 1 UTA 2 UTA 3

Staff and Physical Assets

The amanTag® staff and asset ID family are active staff-worn or asset-attached transponders which can also trigger staff-initiated actions with optional buttons including an emergency alarm with an indoor range of up to 80 feet. The ATA 1 can also be attached to critical assets (keys, emergency equipment, etc.) for location information.

- Optional staff action buttons



ATA 1 PSA 1 PSA 3

Reliable Detection

Dual-frequency technology and bidirectional communication provide accurate and reliable detection of the active transponders independent of how worn. Reliable detection through textiles, walls and the human body.

- High reliability detection.



Multiple Simultaneous Detection

Multiple transponders can be simultaneously detected where multi-person applications (mother/newborn) require. Unique anti-collision technology enables high reliability in multiple transponder applications up to 16 simultaneous detections.

- Reliable detection of multiple transponders.



Directional Detection

With two locators, direction of movement can be determined and reported; reliability determining whether a person or asset is coming or going. This also provides for an accurate number of personnel in a specific area.

- Directional detection

Expandable

Multiple locators and be combined in a system, expanding the coverage area. Overlap of the wake-up fields is possible in this configuration for RTLS coverage of large areas.

- Adjustable to large areas



Call Button Option

The optional call button can summon help outside the trigger range of the locator(s).

- Optional call button for assistance calls



Request to Exit

The amanTag® "Request to Exit" function enables automatic door release based on individually defined movement zones. When a person approaches the door, the Locator detects their active transponder. The door is automatically released according to the assigned access rights. This allows personal movement zones to be defined in wards, residential units and outdoor areas.

Patients and residents can move freely within their authorized zones, while the system prevents them from leaving protected areas unnoticed.

This combines maximum freedom of movement with individual protection and reduces the daily workload of care staff.

- Individually defined movement zones
- Automatic door control via Locator and transponder
- Individually configurable movement areas in wards, residential units and outdoor spaces



Application – BabyGuard®

Monitoring and Protection for Newborns

Reliable protection against kidnapping and substitution of babies. babyGuard® enhances care obligations by assuring baby location and correction mother-child pairing.

The overall baby monitoring system provides smooth integration into the duty station. The linking of mother and baby transponders provide perfect security, alerting nursing staff and minimizing risk of incidents.

- Critical and clear mother-child connection







Application – SeniorGuard®

Location Protection for Cognitively Challenged

The humane and safe care of dementia patients is a challenge. Facilities must try to balance quality of life and protection from danger. Avoiding unsupervised departure is an important part of that responsibility.

The wandering patient system SeniorGuard® is optimized for this application. The system without physical barriers, which can be upsetting, and establishes monitoring movement zones within which patients can move freely. If a patient leaves the safe zone, an alarm is triggered, informing competent care personnel.

- Departure protection for residents with cognitive impairment.
- Relieving nurses; improving procedures
- Alarms when residents depart protection zones
- Location in real time



Staff Relief

Technology can help overburdened nursing and care staff and contribute to patient care and safety. Modern patient protection systems enhance patient welfare while reducing the burden on staff.

Unattended departures can be quickly detected and correctly with minimal patient upset.



Application – Access Control for the Disabled

RHA 2 amanTag® Read Head

The RHA 2 read head sets a new hands-free standard for hands-free credentialling in access control. Attached to any doorLoxx® lock, it combines 125 kHz / 13.56 MHz credentials and amanTag® transponder identification in a single unique device.

Particularly powerful for use in care facilities, as soon as a patient wearing a transponder touches the door handle, the door is unlocked. Inconspicuous functioning ensures maximum comfort and provides additional quality of life and stress reduction.

The amanTag® read head is suitable for patients who reside in single rooms, providing added value and comfort—minimizing confusion and supporting independent while preserving privacy.

At the same time, nursing staff can continue working flexibly in the way they are accustomed to: at standard staff doors, the integrated RFID reader supports both MIFARE® DESFire and dual-frequency credentials with 125 kHz / 13.56 MHz. The amanTag® RHA 2 Sense therefore combines a high level of convenience for patients with efficient and secure operation for staff – providing a well-designed, future-proof solution for modern care and healthcare facilities.

- World first – active amanTag® transponders and passive 125 kHz / 13.56 MHz credentials in a single system
- Automatic door lock and opening without conscious presentation of a credential.
- Can be adapted for any hands-free credentialling application.







DISPENSING SYSTEMS FOR CLOTHING

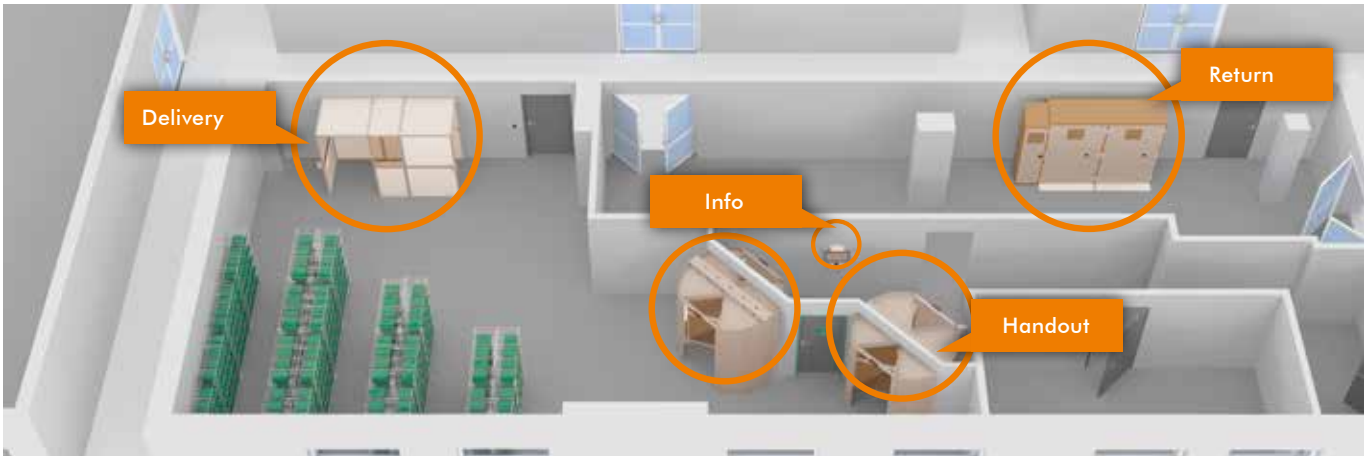
textag®

Intelligent Textile Management

Efficient management of uniforms

textag® manages clothing, uniforms and other textiles with UHF RFID transponders on the cloth. The system consists of RFID equipped dispensing and turn cabinets that can be distributed throughout an organization. Locks, special doors and information terminals also comprise elements of the solution. With high-performance management and analysis software, organizations can ensure transparency in consumption and inventory of high-volume textiles and save cost and time. Shrinkage decreases as availability increases.

- Cost reduction through inventory optimization
- Inventory and laundry consumption transparency
- Firm control on availability of right-sized garments.



Technology

TCD 200 Dispensing Cabinet

This RFID equipped cabinet can store and manage up to 200 textiles in a space saving design. The user identifies with a standard RFID credential; the cabinet opens and the user takes the garments he needs with the exact inventory removed and recorded to the user's account.

- Stand alone operation and data recording if network fails.
- Parallel operation of multiple cabinets ready
- Typical ID and issuance in less than 5 seconds
- Status LED display



TCD 200

TCR Series Return Cabinets

texTag® TCR series consist of intelligent RFID equipped return cabinets available in different sizes. Sizes 200,250 and 300 collect in a typical grid car while the TCR 50 collects in a standard laundry bag. The user simply throws his laundry into the return flap and the cabinet automatically identifies the textile and credit's the user's account. Optionally, defective clothing can be marked as defective when discarding.

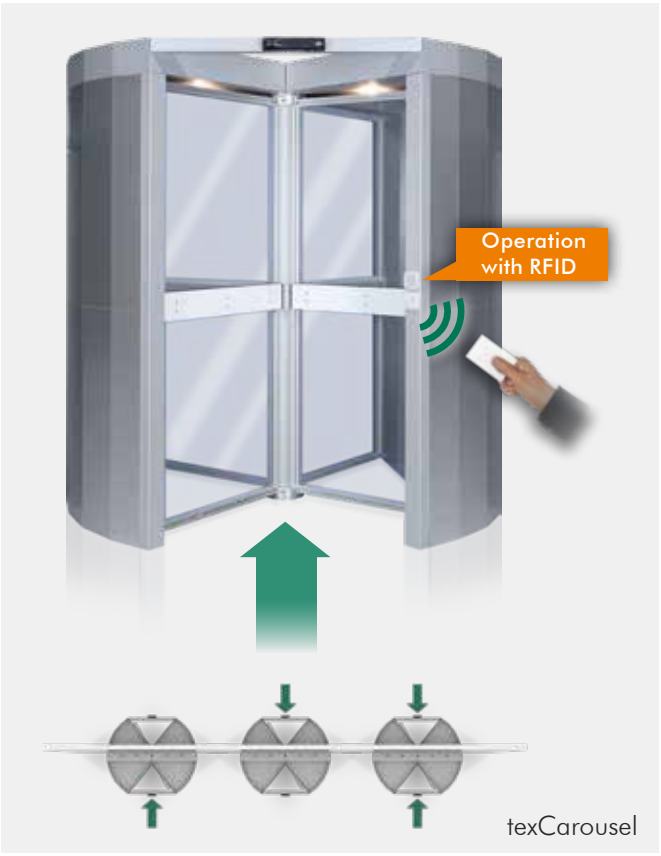
- Multiple cabinet sizes to accommodate available space.
- Suitable for standard laundry bags or trolleys.
- Optional function button for marking defective items
- Status LED on each cabinet



texCarousel (bidirectional)

The texCarousel is an intelligent rotary lock door for managing central garment dispensing. Users enter and/or leave a central supply room (texRoom) through the texCarousel. During passage through the texCarousel the clothing in the user's possession is automatically captured by RFID—whether on the body or in the hand—and booked to the user's account. The texCarousel controls the users, so that the recorded clothing is correctly posted. Colored lights indicate whether garments in excess of the user's authorized amount have been taken. The texCarousel is failsafe and has an emergency stop switch, allowing the brakes to be released.

- Adjustable passage direction in, out or bidirectional.
- Transition with garments in under 4 seconds.
- Automatic detection of removed garments without time delay.



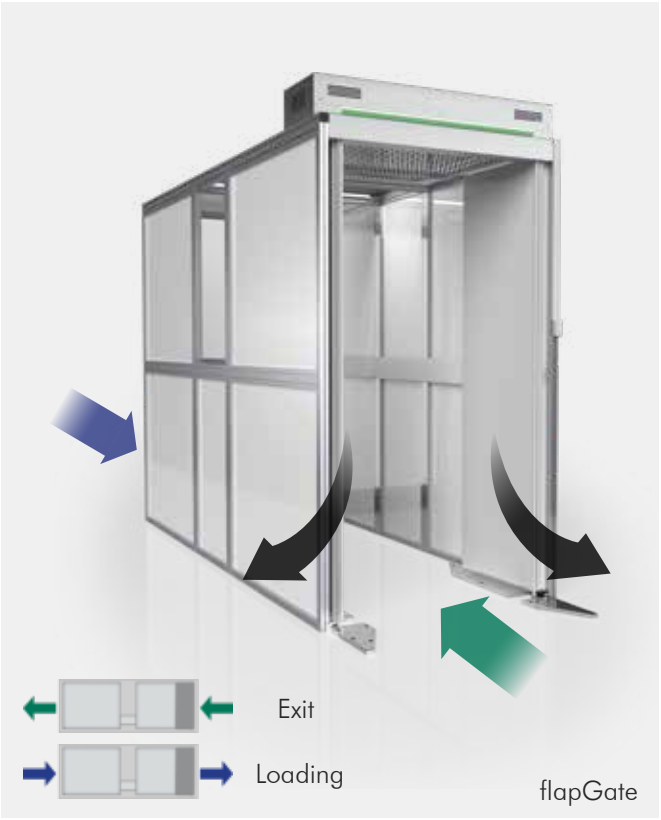
texCarousel

flapGate

The flapGate is an intelligent passage lock that track all textiles passing through it.

Users enter the clothing room (texRoom) through a separate entrance (e.g. a texCarousel) and the remove the desired textiles. When leaving the room by the flapGate, the clothing is detected and read by the RFID and posed to the user's account. If too many garments are removed, the flapGate does not open. For loading with fresh laundry supplies, vendors with special rights can open the flapGate to gain access to the texRoom with grid containers.

- Output lock for user and special access for bulk loading.
- Prevention of user account transfer (optional)
- Under 20 seconds per walk through.



flapGate

transferGate

The transferGate is an intelligent lock for laundry delivery to the central clothing supply room (texRoom). Large enough for all types of laundry containers, the clothing is automatically read by RFID and booked into the texRoom. A green signal light shows the delivery that the transferGate is active and that the clothing has been captured in the database.

- Works without door to reduce transfer time.
- Open design
- Stand-alone data storage in the vent of network failure.



transferGate

Booking Station

The texCheck is a manual booking station where users can book items of clothing themselves for their account. The texCheck is an optional supplement to extant automatic processes for additional user and administrator control, including special textile items.

- Quick and easy correction of user accounts
- User friendly management without training
- Augment automatic processes.


texCheck

Info Terminal

The info terminal provides users the ability to check their account balance at any time. The user identifies with his RFID credential and quickly gets account status. This gives users the ability to review the details of their withdrawals and returns.

- Quick and Easy Account Overview
- User friendly user interaction without training
- Provides traceability and transparency on individual user activity


texInfo

COMMANDER-CONNECT



Central Administration Software

One software; All systems

Commander Connect is a server-based software system and is the nerve center of all Deister solutions. All connected devices are combined, configured and managed here. Notifications, alarms, reports, trouble indicators and more are all available on one site. Permissions for access and records of all system activities are maintained, processed and organized here. Modular add-ons expand the power of the system. Workflows allow automation of management and system functions throughout.

System Scalability

Commander Connect is fully scalable and can be expanded at any time.

- Up to 1,000,000 Active Users
- Up to 6.000.000 Credentials
- Up to 10.000 Access Points (doors, barriers, etc.)
- Up to 10.000.000 Active Articles (texTag® clothing)
- Up to 100 Time Profiles
- Unlimited User Groups



Base License

Includes all basic functions and all devices to support any solution.

- Rights management
- User management
- Credential management
- Reporting and data management
- Workflow automation

Erweiterungen

- More administrators
- More users
- More products
- More devices
- More keyTags
- More assets

... and many more

Modules

- FLM - Fleet Management
  Reservations
  Vehicle Analytics
- EXR - Extended Reports
  Intelligent Reports
  Expanded Details & Analysis
- VIM - Visitor Management
  Special User Created = "Visitor"
  Visitor Processing Features
- CSO - High Security
  4 and 6 Eye Key/Asset Access
  Additional Security Features

... und viele mehr

syncTool

syncTool is a basic alternative to full-featured integration. It synchronizes data from third-party software with Commander Connect. It intelligently and automatically imports, exports and formats data between applications



Webservice

Web Services is a standardized API for third-party software providers for integration with Commander Connect.



Integrations

advancis | AMAG TECHNOLOGY A G4S COMPANY | LENEL·S2 | SOFTWARE HOUSE | Weitere Integrationen auf unserer Webseite



Customized Commander Connect Operation

Optimized Individual Administrator Interface

deisterCockpit is a fully customizable add-on module for the administration of Commander Connect. Many different function and information displays can be configured to a customer's exact specifications. Starting as a blank sheet, multiple widgets can be selected and arranged free in the display. Options range from statistics to special reports to commonly used operating functions. Example: New users can be created; video streams displayed; inventory checks; and remote operations can all be made available in one place.



Monitoring

deisterCockpit provides an overview of the status of all important events. Desired device and system data; and user activity in real time



Data Analysis

Create an individual summary of important reports, key data and statistics. Data can be individually prepared and the display customized. Provide quick and deep insights into system use.



Administration

Create a simple administration interface for common operations—easy to use without training. Display and operate exactly the functions you use on a regular basis.



Operation

Operate your system easily and remotely. Examples: Open doors or release keys. User rights can be individually configured and credentials programmed and/or read with the RDx 6/5.



MOBILE APPS



The Smartphone Becomes the Command Center

All features and functions always included

Deister's smartphone app suite provides access to important information and operations of the Deister systems. deisterGo provides important information to specific users. deisterWallet allows many of the system devices to be operated from smartphone. deisterCheck supports dataLog systems in guarding and maintenance applications.

deisterCloud

deisterCloud is an internet routing service for all Deister app data. The data is always encrypted at NIST standard levels. Data and operations can be transmitted in real time. If data connection is interrupted all data is stored in the smartphone until connection is restored with the appropriate time stamps for seamless compliance.

deisterGo App

deisterGo provides configurable and immediate access to notifications and alarms. It works with all Deister systems.

- Alerts events or problems in real time
- Notifications to all authorized users
- Messages are fully configurable

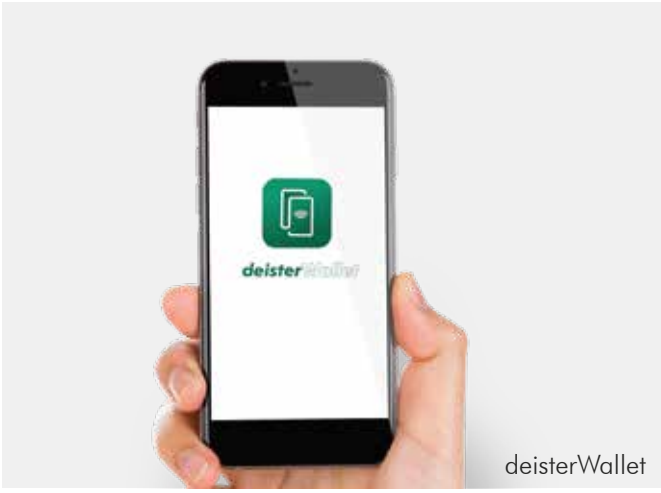


deisterGo

deisterWallet App

deisterWallet is a mobile credential and status display app that enables withdrawal and return of all keys and assets from a smartphone. Key and asset availability are displayed. Door and gate access may also be controlled. Access rights are fully configurable within Commander Connect—connecting via the deisterCloud.

- Works with all Deister Bluetooth® enabled and deisterCloud connected products.
- Remotely determines availability of keys and assets.
- Works as full featured mobile credential



deisterWallet



Readers, Credentials and More

Safe, flexible und modern

Deister Electronics developed and shaped RFID technology. Profound knowledge makes Deiser the absolute expert in the analysis of existing RFID credentials and the migration of legacy IDs to the highest security credentials with the ability to update components in phase with the march of technology.

Deister assists its customers more than in terms of technical sales. With the configTool, readers and credentials can be updated in the field with the latest technology—including firmware. This is most powerful within the cipherSecurity Ecosystem. Data and tools for readers and credentials from Deister can be easily obtained and applied. This all is available across all the applications pioneered by Deister including access control, asset management and many others.

Credential Analysis

In the world of security credentials there are over 4,000 combinations of frequencies, modulation, encryption and data formats. Legacy insecure credential use remains common. Deister understands and can identify most of those credentials and can provide a migration plan to a more secure credential strategy.



Components – Access Control

Infinity Readers ™

The Infinity Reader™ series is a complete line of access control readers suitable for North American, European, and other international markets. They are available in a wide variety of technologies, including a full range of multi-technology readers. Many models can be easily upgraded to BLE functionality.

Compatible with all popular and many legacy credential technologies and encryption methods, these readers provide a clear and cost-effective path for migration from legacy to modern secure credentials—including smartphone-based credentials—and are deisterWallet compatible.

The reader's LED indicators are designed for discreet feedback and comply with requirements for users with color vision deficiencies. Keypads are backlit and provide clear haptic feedback for reliable operation in all lighting conditions.

Controller compatibility includes Wiegand for legacy installations as well as OSDP, SSCP, and deBus for high-security systems. Standard housing color is black, with Astral Gray optionally available. A removable cover also enables custom colors and patterns.



PRx 6 EU



KPx 6 EU



PRx 6 US



KPx 6 US



PRx 3



KPx 3



Secure Communication Protocol – North American Focus (OSDP)

OSDP support is included to meet North American security requirements for modern access control systems. It enables secure, bidirectional communication between reader and controller, providing encrypted data transfer and significantly improved security compared to traditional Wiegand interfaces.

BPx 16 Biometric Identification

The bioProx® biometric reader line includes the same wide range of credential technologies as the Infinity Reader® series. It adds an optical CMOS fingerprint sensor. All fingerprint templates are compliant with the GDPR on the user credential.

- Optical HD fingerprint sensor and RFID reader in one compact housing
- All biometric data is stored on credentials



BPx 16

SCB 2/5 cipherBox®

The cipherBox® enables a cost-effective upgrade of existing access control systems to secure card technology—without modifying or replacing controllers or software. Installed in a secure area between the reader and controller, it decrypts data from the new secure credentials and translates it for the existing controller. This allows the existing infrastructure to remain in use.

- Supports cryptographic operations in the SAM module.



QR-Code Technology

QRT 8 – QR and RFID Reader

The QRT 8 is a powerful multi-technology reader for both RFID and optical credentials. It supports the complete family of Infinity Reader® technologies along with AES-encrypted cipherQR credential codes with time-based validity (RTC) and optional profile image. It reliably reads QR and barcodes from paper or screen, supported by motion sensor triggered built-in lighting. Supports Wiegand, OSDP, deBus and SSCP controller communication. The reader is remote updateable, and the LED display is color-disability friendly.

- Combination optical and RFID reads
- AES encrypted with time based validity and optional profile image
- Compatible with all common protocols and controller connections



QRT 8

QRO 8 QR-Code Reader

The QRO 8 is a power optical cod reader for high security access control systems. It supports cipherQR with Deister's AES-encrypted, time-based codes with optional profile image—and reads them reliably in both printed and digital screens. Automatic lights ensures optimal legibility, even in low light. Connects to controllers with OSDP, deBus, Wiegand and SSCP protocols.

- AES encrypted with time based validity and optional profile image
- Compatible with all common protocols and controller connections
- IP54 for outdoor installation



QRO 8

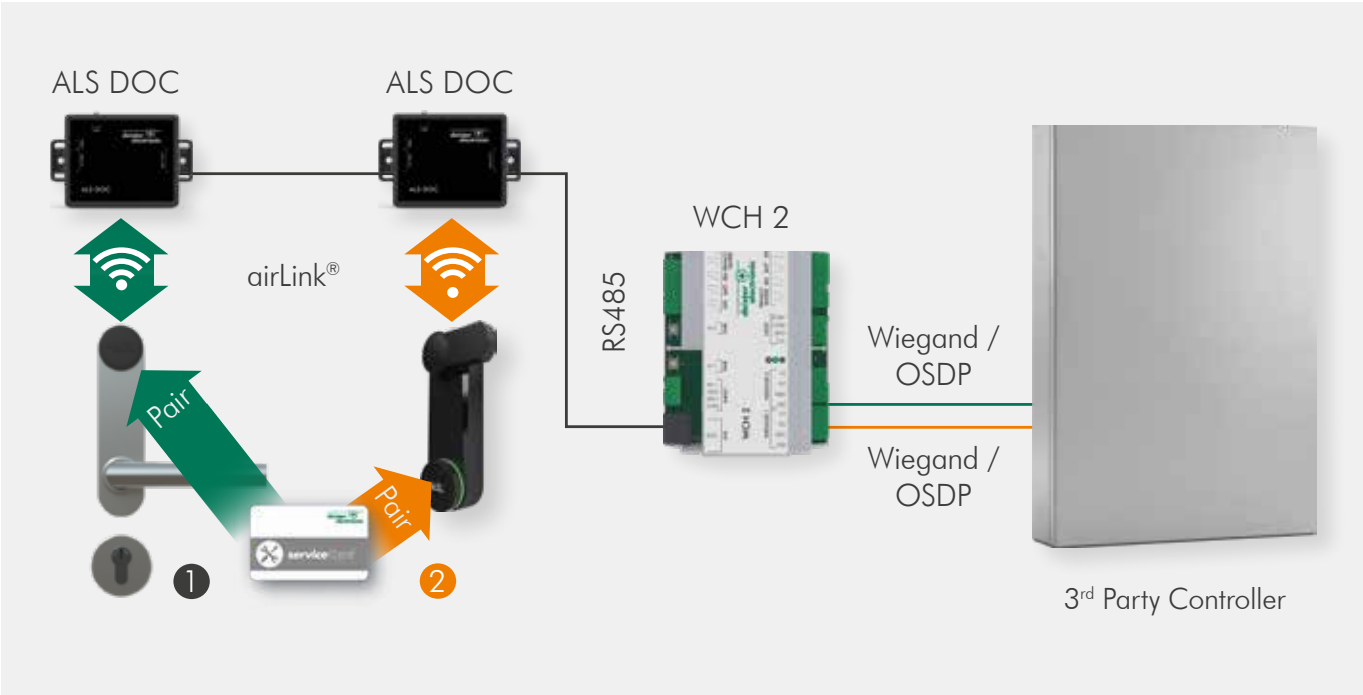
Wireless Communication Hub WCH 2



WCH 2 und ALS DOC

WCH 2 – Wireless Communikation Hub <---> Wiegand / OSDP

The WCH 2 is a central interface between airLink® devices such as the ALS DOC or ALS 20. Connecting them all together on an RS485 bus; collecting the data from the wireless locks and devices; and processing that data into Wiegand or OSDP for connection to a standard hard-wired controller. With this capability, wireless doors can be processed as any wired door in a standard access control controller.



Credentials

cipherCard and cipherFob

The cipher family of credentials provides highly secure IDs. Cipher credentials can be purchased from Deister or created with the configTool and desktop programmers RDx 6/5. Optionally, this process can also be performed on a card printer with integrated RFID programmer. Cipher credentials are available in suitable formats for any application: classic ID cards; compact key tags; or mobile ID apps for Apple or Google Wallets. Dual technology options provide the parallel operations of multiple system configurations for migration or multi-site compliance.

cipherFob (Dual Tech)



125 KHz
MIFARE DESFire

cipherFob (Single Tech)



MIFARE DESFire
125 kHz Hitag 2

cipherPass (Single Tech)



Google Wallet
Apple Wallet
NFC

cipherQR



QR-Code

cipherCard (Single Tech)



LEGIC advant
MIFARE DESFire

cipherCard (Dual Tech)



MIFARE DESFire + UHF



MIFARE DESFire +125 kHz Hitag 2

cipherProgram

The three cipher programs support the introduction of new credentials and readers as well as the migration from legacy to modern credentials. Each program offers different levels of control over security features from Deister management to total user control over security configurations.



Unique

Cipher program "Unique" provides customized security features and encryption keys—specifically tailored to individual organizational needs. Deister manages all aspects of reader and credential security for the customers and ensures that credentials and readers are only functional within the user's security environment.

Flex

This cipher program provides individualized security configurations and encryption keys for the user organization. Customers are provided with configuration tools to fine tune the configurations of both readers and credentials within the designed security environment. Customers have the flexibility to purchase their own blank media and program credentials in-house with Deister tokens. Customers have logistical control but in a stable and consistent security environment.

Custom

The cipher program "Custom" offers the customer full freedom in creating and managing their security features and technical configuration of the readers and credentials. Deister provides easy-to-use configuration tools and, if required, provides technical support and security advice on configuration, logistics and compliance.

Transition Management

deister is happy and prepared to help transition customers from legacy systems to modern levels of security. With over 4,000 credential standards in the global market, Deister can analyze and them develop a cost-effective and non-disruptive migration plan to increase security. As the RFID experts, Deister helped create a lot of the modern technologies that define the best in today's security including OSDP, MIFARE®, CASE RUSCO® and many others. This allows Deister to be the definitive consultative resource for security upgrade.

- Flexible readers for legacy and modern credentials
- Advice and support for seamless migration

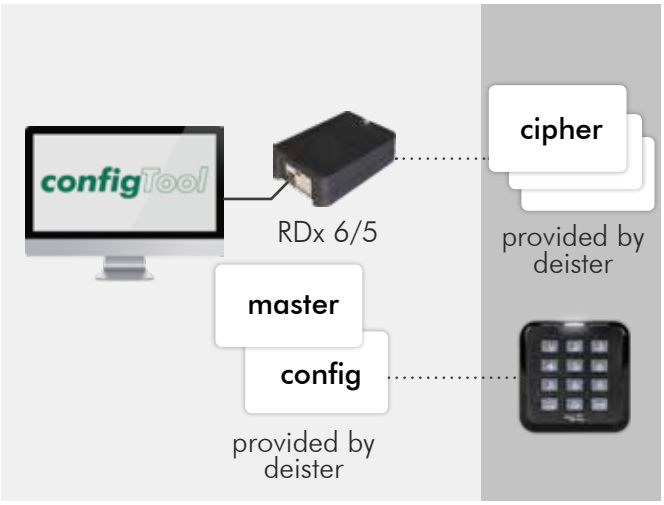


configTool

FLEXX-Version

With this tool, customers can manage their readers to ensure custom encryption keys to maintain control over their. The unique keys and credentials are managed by Deister to ensure configuration compatibility and ID uniqueness throughout.

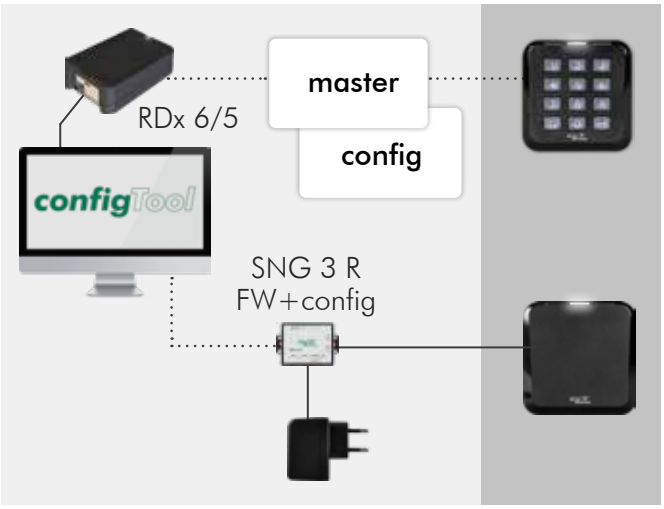
✓ Customer control over reader configuration.



Custom-Version

This configuration control system gives users total control over their readers, credentials and encryption keys including the ability to purchase their own blank credentials for programming in house

✓ Total customer control over reader configuration and credential programming.



Label Printing (Optional)

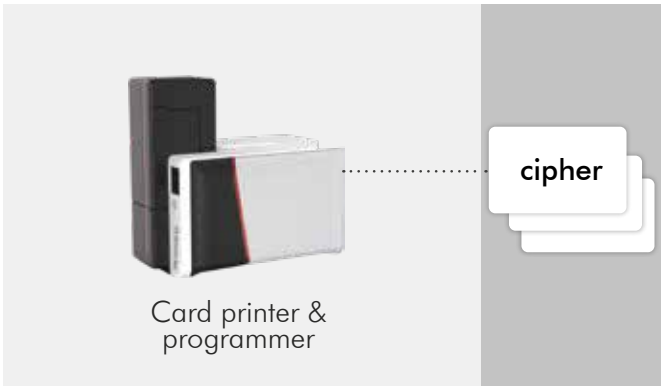
An optional feature for either FLEXX or Custom configTools is the ability to print labels for readers as documentation and assurance of configuration support, if needed.



Card Programming & Printing

With this optional capability, credentials can be both programmed and printed with their ID number for users wanting full local control on their credentials.

✓ Credential programming and printing.

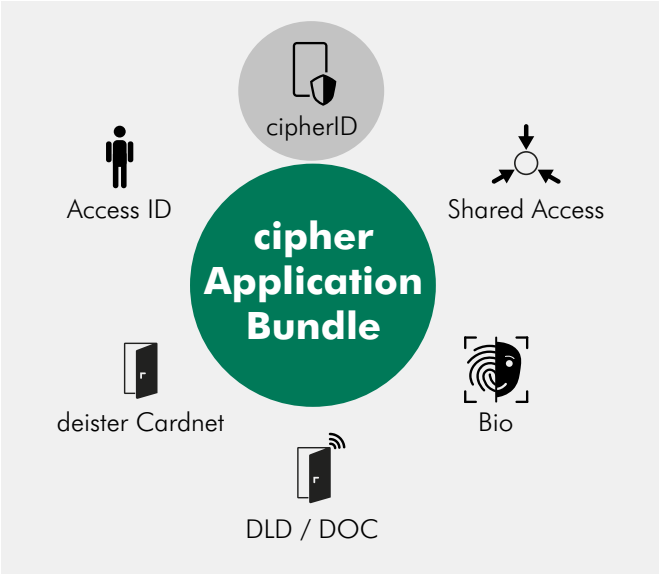


cipher Credentials

Our increasingly connected world requires more secure and simultaneously flexible access solutions. Conventional and legacy credentials offer steadily less protection against threats such as copying, manipulation and novel cyber-attacks.
Cipher ID credentials are specifically designed to address these challenges. They combine NIST standard encryption with maximum flexibility—for present and future administration of access rights.

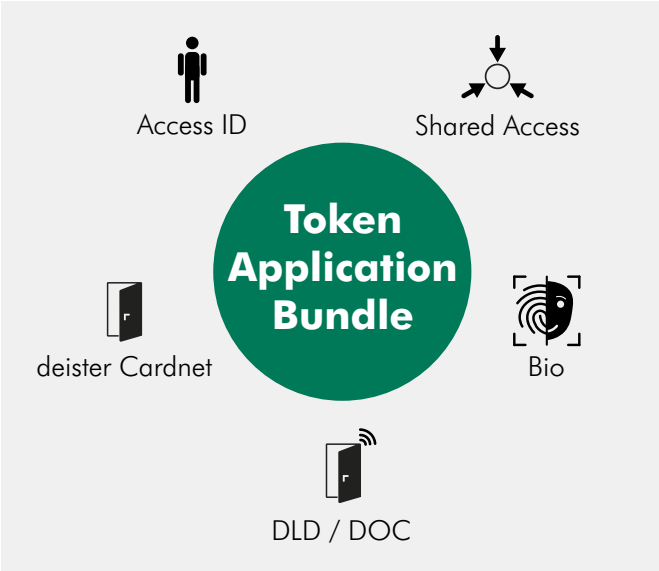
Designed Security
Flexibility through Modularity

Cipher ID credentials are loaded into the applications at the factory and can be used to a variety of control purposes. The cipher ID provides tamper-proof and copy-protected credentials and a fully secure system with NIST standard encryption standards. Highly flexible, the credentials can be configured to customer specific application individually with no security compromise.



Token Application Bundle

The Token Application Suite Applies Cipher ID media to defined token application within the system configuration environment. This expands the credential from an "ID Carrier" to add additional function for access and rights management based on the application—tailored to the readers, security features and keysets used. This allows applications to be activated as needed without leaves the protection of the cipher ID security architecture.



Technology – Long Range UHF

Components Access Control

TSU 200 Long-Range Reader

The TSU 200 is compact and robust UHF reader with up to a 20-foot adjustable read range. The IP67 housing allows outdoor installation. Auto-Tune mode provides efficient and effective installation.

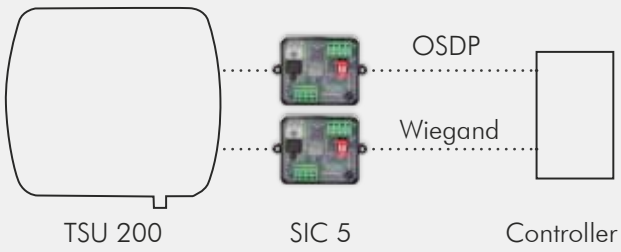
- Waterproof IP67 housing
- Read range up to 20 feet
- Automatic configuration with Auto-Tune



TSU 200

SIC 5 Interface Converter

The SIC 5 connects the TSU 200 Long Range reader to any controller. It reads the native deBus protocol of the reader and converts to Wiegand, OSDP and many others. Custom protocols can be developed. This makes the TSU 200 a powerful long range reading option for all Physical Access Control Systems (PACS).



TPU 7461/ 3150 Transponder

The tranSpeed® TPU 7461 is a dual-technology credential that allows driver identification both at access points such as entrances and at doors within a building. The TPU 7461 incorporates MIFARE® DESFire, cipherID®, as well as passive UHF technology with smartFrame. Its specially developed, patented antenna technology within the transponder ensures optimal performance at card readers as well as reliable long-range identification of the user when carried in the hand or on the body. The TPU 3150 is also available as a UHF-only card.



TPU 7461 TPU 3150

TPU 3082 Windschutzscheiben-Transponder

The tranSpeed® TPU 3082 is an adhesive passive UHF transponder designed for windshields. It is highly secure and encrypted with the deister smartFrame. The vignette function prevents the transponder from being removed without authorization without being damaged. Using an additional sticker, the read range of the TPU 3082 can be adjusted per vehicle to achieve consistent reading distances.

- Highly secure encryption via deister smartFrame
- Tamper-proof vignette function



front



back

TPU 3082

UDC 170 Bumper Tag

The tranSpeed® UDC 170 is a passive UHF transponder designed for installation on vehicle bodywork. The UDC 170 features a wide 180° read range, making it ideal for vehicle identification. Its robust housing is waterproof and impact-resistant. Mounting holes allow for secure and long-lasting installation.



UDC 170

POC

The tranSpeed® POC is a measuring device used to determine the optimal mounting position for passive UHF transponders on windshields. It identifies where the field strength is sufficient for reliable UHF transponder operation.

The POC is simple to use — an LED lights up once the field strength is adequate to ensure reliable identification. Especially in modern vehicles with UV shielding, tinted glass, or heated windshields, this verification is an essential step for every installation.





POC

Technology – Data Protection – loxxIn®

Secure Computer Access

Computer access comes with risk to intellectual property and sensitive personal data. Entering complicated passwords is no longer a solution. loxxIn® provides a quick and secure solution

- Fast and easy commissioning
- Full integration into any workstation
- Secure and automatic access

Active Transponders

As an option, the ATA 1 transponder automatically triggers access as soon as the transponder is within range.

Access is granted for only the period of time that the active credential is within range and the computer locks down as soon as it is removed.



Passive Transponders

Place the credential on the reader and the workstation becomes active. There are three operational modes:

1. If the transponder is in range (typically 1-3 inches the computer resources are available; or,
2. After presentation of the transponder, the computer becomes active for a fixed period.
3. The transponder toggles access. Present the credential and the device activates; present the card a second time and it deactivates.



cipherFob®



TPU 7461

LXI 1 Table Reader

The table reader forms part of the system.
If the Active Transponder (ATA 1) is used, it can be charged on the reader and the reader will report (on the workstation screen) if the battery is low.



ATA 1



LXI 1

Technology – Protective System for High Risk Locations

Protection System for High Risk Locations

The Personal Protection System (PSS) uses two LCA 500 LT Locators to monitor the access area of a high risk location, for example: A Medical Linear Accelerator for irradiation therapy. Operating technicians wear amanTag® transponders so that the system recognizes that personnel at risk are in the area. This is combined with motion sensors to ensure there is no personnel motion in the area.

The PSS controller displays location information and operating status. If personnel are in the room, activation of the irradiation process is automatically inhibited.

Entry of an unauthorized individual to the high risk area is detected, the system is inhibited and the status displayed.









logident® Industrial RFID Readers

RFID Systems for the Digital Factory

Industrial processes require transparency and a high level of customization. Deister RFID solutions reliably connect real world processes to digital systems. Flexibly control your production; manage your assets efficiently and securely; track products and components reliably; and intelligently synchronize your supply chain. Deister delivers a comprehensive and scalable RFID product portfolio for secure identification and automation.

The integration ready readers offer a perfect solution for every application for identification of products and transportation means with RFID. As long-standing specialists and a core competency in RFID, we support all RFID frequencies (LF, HF & UHF) and can help you solve your requirements.

- Digitize your industrial environment
- Automatic identification of goods and transportation via RFID
- Support of all RFID frequencies

Technology – RFID HF & UHF

BHT 3 Handheld Reader

The Quadro handheld readers works with all commercially available in the LF, HF and UHF RFID frequency bands. Optionally, a QR/Barcode scanner can be added.

The handheld reader offloads its data via USB, Bluetooth or airLink®. The USB 1 C converter provides for connection to standardized USB-C.

- Optional addition of QR/Barcode scanning
- Coverage of all common RFID technologies



BHT 3



USB 1 C

ISO 15693 Read/Write Module

The compact 13.356 MHz RDK 1 ISO 15693 read/write module with integrated antenna is ideal for integration into mobile equipment; human/machine user interfaces; medical devices; or printers with its miniaturized design.



RDK 1

Long Range HF & UHF Reader

RDL 160 and TSU 160 HF/UHF Readers

High performance RLD 160 (HF) and TSU 160 (UHF) readers have robust housing and are well suited for HF and UHF applications in industrial automation, warehousing, and logistics. The RDL 160 has a read range of 4 ½ to 6 inches and the TSU 160 has a read range of up to 10 feet.

Compact design provides easy, space-saving installation—even in difficult mounting positions and environments. System interfaces include deBus, Asi bus and IO link.

- Read range 4 ½“ to 6 inches (HF) 10 feet (UHF)
- IP 65 for harsh environments



Mid Range

HF RDL 160
UHF TSU 160
BxH: 154 mm x 151 mm
6 1/16“ x 5 15/16“

RDL 250 und TSU 250 HF & UHF-RFID-Leser

The high-performance RDL 250 and TSU 250 readers have a robust housing and are particularly suitable for the HF and UHF sectors in industrial automation, warehouse and logistics. The RDL 250 reaches a reading range of up to 20 - 25 cm, while the TSU 250 has a range of up to 7 m. The compact design allows easy, space-saving installation - even in difficult positions and metallic environments. Both readers each have an RS485 interface, a PROFINET input and output and a digital input and output. Available interfaces are deßus, ASi bus and 10 link.

- Reading range at RDL 250 up to 20 - 25 cm
- Reading range at TSU 250 to 7 m
- 0 Ideal for outdoor use: IP 65



Long Range
HF RDL 250
UHF TSU 250
BxH: 220 mm x 192 mm
8 11/16“ x 7 9/16“

Transponders HF, LF & UHF

HF & LF-Transponders

HF transponders are best in difficult industrial environments (IP67). The transponders are suitable for direct us on metal and provide high data rates. Ideal for logistics, automation, vehicles and any outdoor application.



RDC 50 M



IDC 100 M

UHF-Transponders

Passive UHF transponders are robust, durable and work in harsh environments (IP67). With metal mount design (UDC 160), a wide reading angle and long range, they are perfectly adapted to logistics, factory automation and vehicle identification.



UDC 160



UDC 70

POC Installer Tool

The tranSpeed® POC is a measuring tool to determine the best mounting position for a UHF transponder on the windshield. The POC measures the field strength at each position and determines where it is strong enough for reliable reading performance.



POC



Digital Waste and Treatment Management

Automatically identify waste for administration and billing

Industry 4.0 has gained the waste management and processing industry. Full automation and individual solutions: on-board computers, identification systems and efficient weight technologies are part of the repertoire of modern waste management. Tagged waste bins, mobile applications and software solutions for route optimization facilitate the work and make process more transparent and efficient. The integrated BiTech products include long-range readers, special antennas for reading HDX and FDX transponders and a variety of transponders for the variety of existing waste containers. RFID in the LF and UHF bands work to automated waste management.

BiTech Solution LF and UHF

UHF readers TSU 200 and TSU 220 can be installed directly on front or side loads and read disposal container tags up to 24 feet distant (adjustable).

Combination of LF universal readers, RFID transponders and a variety of antennas allows for intelligent identification of waste disposal containers directly and automatically on the vehicle. LF antennas can be mounted directly on the tooth or the comb and thus reliably read a wide range of tansponders.



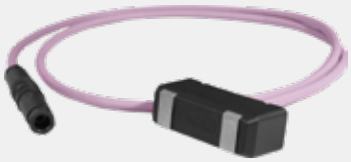
Technology – LF & UHF

LRF 4 LF Reader

The LRF 4 reads wase containers with both HDX and FDX transponders. Recorded data is transferred to tablets or onboard computers. The auto tune function provides fast installation and immediate system readiness. The reader supports up to 4 antennas as well as other sensors.



LFR 4



AZF Tooth Antenna



ABF Body Antenna



ASF Rear Comb Antenna

TSU 200 UHF Long Range Reader

The TSU has robust die-cast aluminum housing, compact design and built-in antenna for optimal tuning.

The auto tune function provides for a range of up to 24 feet. Build in discrete LEDs provide clear status display information. Connection is via an M12.



TSU 200

BHT 3 MultiTech Handheld Reader

The Quadro handheld readers works with all commercially available in the LF, HF and UHF RFID frequency bands. Optionally, a QR/Barcode scanner can be added.

The handheld reader offloads its data via USB, Bluetooth or airLink®. The USB 1 C converter provides for connection to standardized USB-C.

The BCH vehicle holder is a secure mount for the BHT 3 which provides secure adherence and charging along with option for connection to the onboard computer.



BHT 3



USB 1 C



BCH

VEHICLE LOCKING SYSTEMS

vanLoxx®



Automatic Locking Systems

Delivery Van automated security for maximum efficiency.

vanLoxx® systems provide automated access and operation of delivery and other commercial vehicles. Drive compartment access and package storage access require a valid transponder with locking automatically enabled. The vanLoxx® Solution is installed on one or more doors with RFID readers. The operator presents his credential to auto unlock, access and then relock the door.

Ignition can also be controlled by the system—presentation of the transponder unlocks the ignition and performs the starting sequence. Every critical system is automated and secured by a single credential. In addition to delivery vehicles and trucks, transport containers can also be controlled.

- Increase delivery productivity
- Increased security by automatic locking
- Proven technology—installed in more than 15,000 vehicles
- Prevent loss of vehicle key(s)
- Fast replacement of a transponder and reduced vehicle down time.

Technology – Automated Vehicle Security

Delivery Vehicle Security

vanLoxx® automated delivery vehicle locks and ignition along with trailers and containers—securing the loading space and regulating engine starting and stopping. Vehicles can be opened and started with the same credential so that drivers can concentrate on delivery and save valuable time.

- Time saving and increased safety with automated locking
- Designed for more than 300,000 operations



Locking of containers

In this closure system, a central, battery-operated control unit controls up to three locking elements. A battery life of up to two years makes it ideal for cargo bikes or transport containers for medicine, money, files, etc.

- Up to three locking elements controlled to a central unit
- Up to two years battery life





Technology & licenses

deister's Know How

Since deister electronic GmbH, the gene pool is "the love for technology". Many basic developments in RFID have been developed or developed by deister electronic. Some of these technologies are used exclusively by us and other partners who have acquired license rights. Others are even used by market attendants who also pay unit licenses.

deister electronic GmbH has registered many patents and works according to the motto: *"What we cannot put on the market ourselves, we are happy to do with a partner who has the necessary market access."*

For example, rights have been assigned to provide license plates with an RFID chip or to build a vehicle immobilizer with a chip in the key and the appropriate reader. How to create a textile transponder that feels like the real textile and can even be washed easily. Or how to approach a vehicle and touch a door that is then automatically opened (Passive Entry / Go System or Keyless Go & Keyless Entry). The daily use of a contactless credit card, which is also read and written by RFID in many applications, is all examples of the fact that the technologies developed by deister electronic are used daily.

We are happy to invite you to check whether we can also advance you in your traditional market.

Contact us!



Manufacturer and partner support

Direct, competent and worldwide

Unlike many other companies, we develop all our technology ourselves at deister electronic. This brings a deep understanding of our products, which also and especially helps solve problems in and with them. Therefore, we ourselves provide professional, technical support at all six of our global locations and with the help of our trained partner network, beyond country boundaries.

Software Care Plan

With the Care Plan software, customers have continuous access to security and function updates for all deister electronic software, apps and cloud services. So you're always up to date and protected from vulnerabilities.



deisterDashboard

The deister Dashboard is the central platform for digital collaboration with customers and partners. There you will find the Helpdesk, all necessary downloads for software, licenses, firmware and documentation.



Webseite:

Our services

Helpdesk

You can set a support ticket as a customer 24/7 via our Helpdesk.

Our support and development experts are at your disposal for technical questions during our business hours.



Technical Trainings

We offer extensive technical training for all our customers and partners.

Customers are trained professionally in the operation of their systems, partners are trained by our experts on the installation and sale of our systems.



Worldwide

Our six company locations around the world cover all time zones and the entire globe.

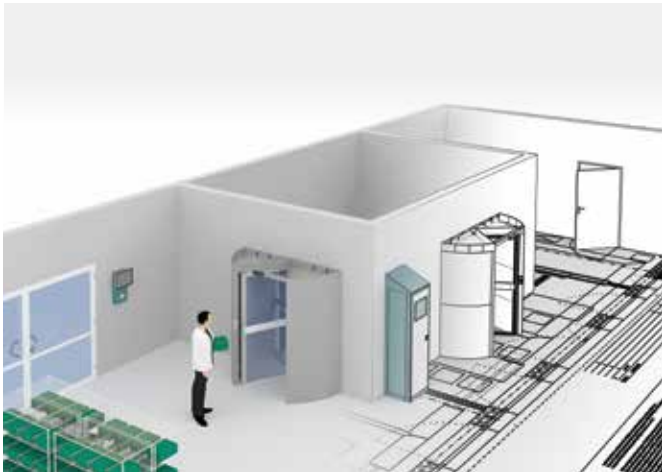
We are supported by a strong and loyal partner network in all the countries where we are not represented by a branch.



Technical consulting

Our technical know-how not only benefits our development.

We also share it with our customers when we implement projects together with them. System solutions are planned by us for an individual, ideal project in 3D.




www.deister.com