



MATRIX interface for IDS (intruder detection system)

Additional intrusion detection systems (IDS) installed in buildings offer extended object and personal protection. The notification function significantly increases the risk of an intruder being detected in the act. Services providing assistance (police, security services, etc.) can also be notified via these systems.

For the connection of intruder detection systems, MATRIX provides an attractive dialog interface as well as extensive function connections for everything from simple to VdS-compliant applications with increased requirements.

IDS can either be connected via contacts or via a standardised interface, the Open Intrusion Interface (OII)

- User-friendly IDS with OII
- User-friendly IDS with OII (VdS-compliant)

Easy-to-understand dialogs guide users through the configuration of the terminals for arm-

ing/disarming, possible configuration locks and sabotage monitoring/contacts to be configured. Safety areas can also be defined and managed. Time responses of the respective IDS can be adjusted individually.

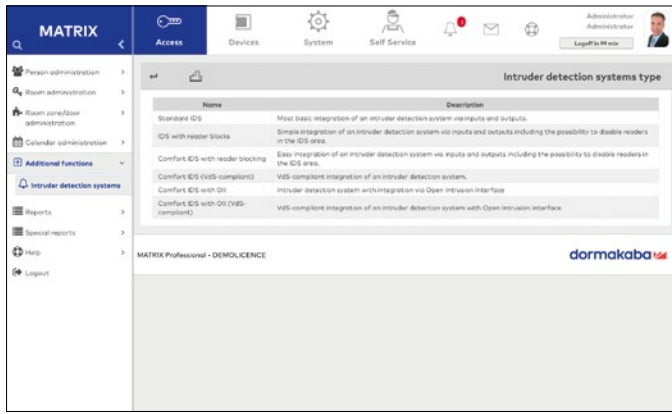
All terminals and readers used for the function are clearly displayed with their functional context in an overview table.

It is also possible to forward a signal to up to five outputs of the MATRIX system.

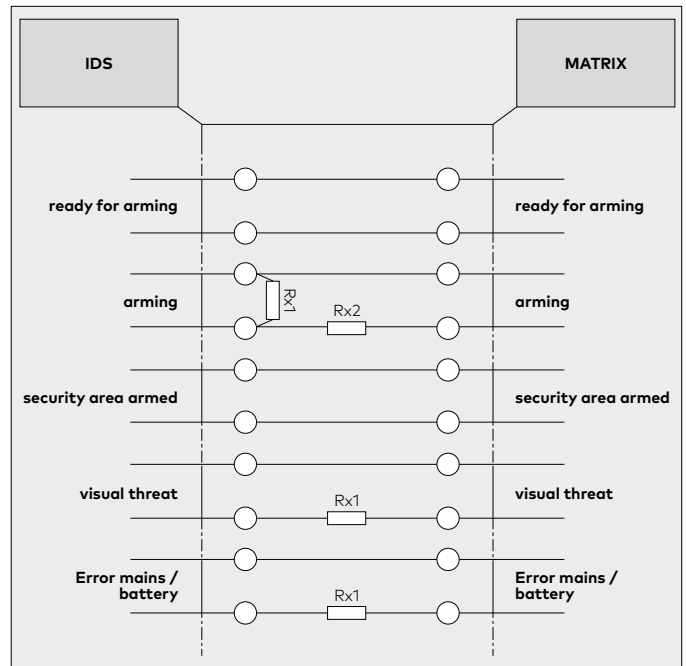
As part of a VdS-compliant connection, additional configuration locks can be obtained for terminals and the reaction in case of sabotage can be defined.

Advantages at a glance

- Greater security and transparency
- IDS and access control can be operated with a single system
- Interface to various IDS possible
- Access control is deactivated when IDS is enabled



Dialog with option of IDS connection



Enabling/disabling or the IDS on MATRIX

IDS standard

Inputs and outputs, and a reader, for enabling/disabling the intruder detection system.

IDS with reader locks

Connection of an intruder detection system via inputs and outputs and a reader for the enabling/disabling with the additional option of reader deactivation in the IDS area.

User-friendly IDS with reader locks

The following options are also available:
An area can be armed/disarmed via several readers or armed and disarmed by one reader. A terminal can manage up to four security areas. Configurable display

with reader lock for the reader Configuration lock for the terminal: When an IDS is enabled, changes to the terminal configuration are not allowed. The terminal will not accept commands as long as the IDS is enabled. Configurable IDS enable time. This is the time that is allowed to pass between the command to enable the IDS and the response from the IDS that it is ready to be enabled.

Sabotage monitoring

For arming. None of the sabotage contacts monitored by the terminal should report a sabotage. This also applies to the sabotage contacts of all readers connected to the terminal.

VdS-compliant IDS

In addition to the requirements for the user-friendly IDS:
At least two arming ranges. Configuration lock is always active if the IDS is enabled. The reader lock is not displayed by the reader's LED.

The allocation of rights to arm/disarm an intruder detection system is based on the access authorisations and can be allocated for the activation reader on the intruder detection system as well as for every other reader in the access system.

Technical specifications

- The MATRIX software can be installed on any up-to-date Windows computer. The scope of delivery includes the H2 databases and SQL Server Express.
- An SQL server or Oracle is purchased and installed by the customer.
- Further details can be found in the system requirements.

Any questions? We would be happy to answer any questions you may have.