OntecRTA
Real Time Access

Industrial Safety, Security and Access Control System

OntecRTA - SAFETY IN YOUR OPERATIONS

Modern day key control

OntecRTA is an easy-to-use, care-free safety, security and access control system for industry and high-security objects.

OntecRTA uses modern, Ethernet compatible RFID-readers. The equipment is directly connected to the existing TCP/IP network, making access cabling obsolete.

Key management is effortless and access to any objects can be given via company network from anywhere.

OntecRTA is a very popular add-on for most of our clients. OntecRTA also works as an independent access control system.

OntecRTA - BENEFITS

Improved safety - automated alarms when time limits exceeded

Current information at all times who is located in your premises and why

Less need for guards, reduced costs

Permit-to-work and qualifications always up to date - higher environmental and operative safety

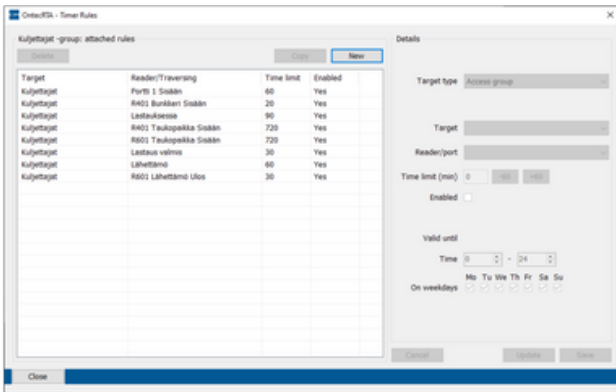Faster access management leaves time for higher-value functions

Fast detection of everyone on site in cases of emergency

Improved customer and partner satisfaction

# SAFETY AND SECURITY CONTROL THAT NEVER SLEEPS

Alarms when time limits exceeded

- A time profile can be set for each task on site. Exceeding it will cause an automated alarm, notifying staff on duty of abnormal activity in the area. For example, if a driver has been in the loading area for more than an hour, he most likely has some kind of a problem or emergency with the loading process.
- Time limits can be user and user group specific.

Health and safety risk documentation made easy

- To create a permit-to-work (PTW), each work phase has to be recorded.
- The program forces the user to create work safety risk assessment and safe working procedures plan, creating required health and safety documentation automatically alongside with the PTW.
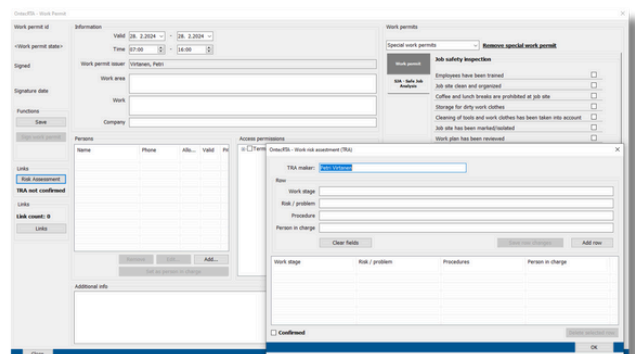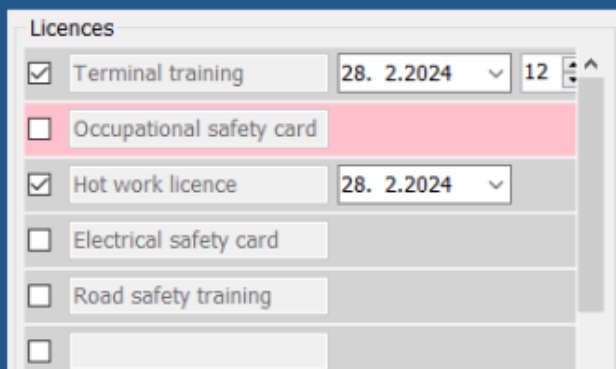
FEATURES
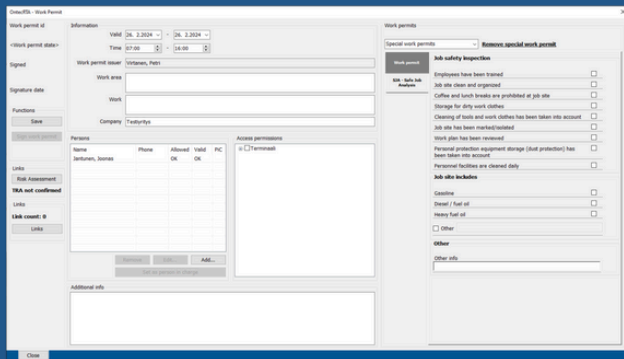
Permit-to-work

- Electronic storing and signing
- Access rights
- Work safety risk assessment
- Safe working procedures plan
- Documenting person's qualifications and training

RFID-readers

- Ethernet, USB and 4G/5G data transfer technologies
- Reader options for all commonly used tags (NFC, UHF, Mifare/DESwire)

Employees and contractors

- Personal details (tax and phone number...)
- Automated verification of training and qualification validations
- Basic access permissions. For example, right to access area only with valid work permit.
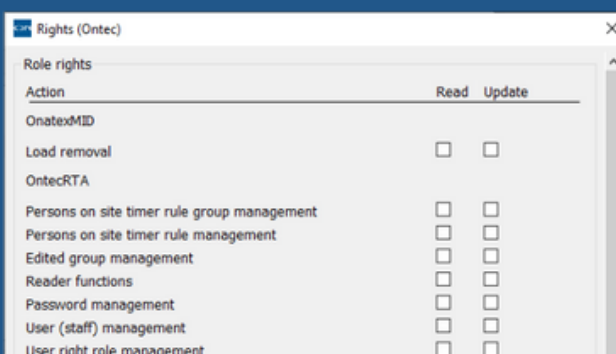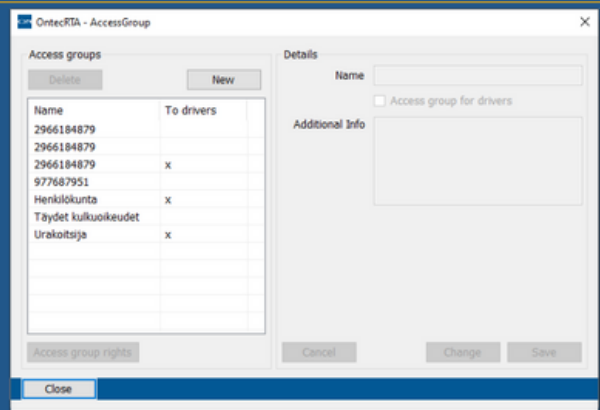

User management

- Language settings based on user's language selection
- Task-specific user rights possible

FEATURES

RTA info

- Persons in the area and last known location (log-in)
- Timestamp of last known login and notification on possible alarms regarding the person
- State of permit-for-work
- Usage both in RTA program and internet browser

Cloud based access control

- Managing permissions on all devices
- The reader sends the RFID tag to the RTA server via 4G/5G connection for wireless verification
  - Permission valid: port opens
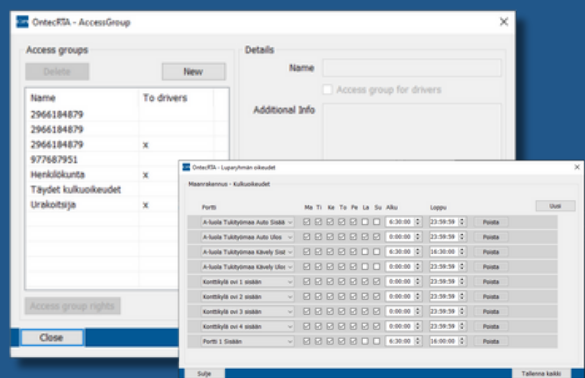 - No permission: red light comes on
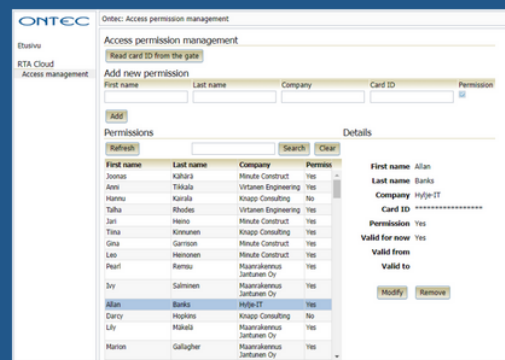
Web browser user interface

- Periods of validity that can be defined for authorizations
- A read RFID tag from the gate is easy and effortless to connect to the owner for permission creation
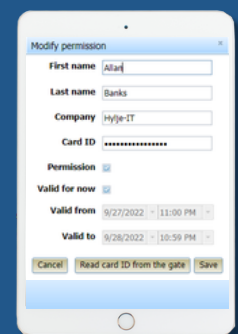
Group access rights

- Basic access rights are user group specific
- Broader access rights for individual tasks can be given with permit-for-work

FEATURES

Visitor card system

- Visitors are easy to add to the system
- Visitor data is also recorded to the system
- Data from card erased upon return of the card

Event log and search

- All events are automatically logged in the event history
- Multiple search criteria options
- Convenient speed search option (day, week, month)

Personal data management

- Personal data card is fast to fill for each individual

Additional features

- Timing, for example gate opening times (day/night mode)
- Employee time tracking
- Notice board and private messages
- Near miss -situations reporting
- Integrations with Ontec products
- Integrations with other systems

INTEGRATION EXAMPLES

OntecRTA as part of OnatexMID and OntecMilo liquid measurement and loading system

LOADING
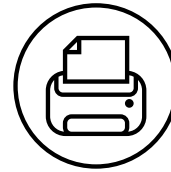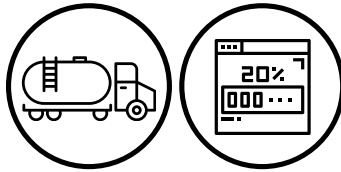
Access control	Load planning	Loading management	Documentation	Access control

OntecRTA	OntecRTA	OntecRTA	OntecRTA	OntecRTA
	OntecMilo	OntecMilo	OntecMilo	
		MiloEX		
		OnatexMID		

Gate in
Identication

Order and load planning
Identifying load planner

Loading bridge
Identifying the driver to start loading

Consignment notes
Automatic printing after driver identification with tag

Gate out
Identification

OntecRTA and OntecRTM Real-Time Maintenance System

EQUIPMENT FAILURE

Failure alarm detected	Maintenance Dpt	Maintenance Engineer	Operator	Job finished
OntecOGC OntecRTM	OntecRTM ↓ OntecRTA	OntecRTA	OntecRTA	OntecRTA ↓ OntecRTM
Operator detects automated alarm of equipment failure in the control system Reports the failure to OntecRTM-system	Detection of failure report Maintenance Order Creation of Permit-to-work in Ontec-RTA for the maintenance engineer	Permit-to-work created to get access through gates	Activates maintenance engineer's permit-to-work and access rights to the required area	Status of permit-to-work marked as closed. Recording taken measures to equipment register of OntecRTM

Creation of permit-to-work
- Basic information (personal data, qualifications and validation expire dates, allowed areas, etc.)
- Temporary access rights
- Permit-to-work logged into system
- Selecting attachments (compulsory/optional, saving needed attachments to the system)
- Printing

OntecRTA and OntecRTM Real-Time Maintenance System

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OntecOGC	OntecRTM	OntecRTA	OntecRTA	OntecRTA
OntecRTM	↓ OntecRTA			↓ OntecRTM

Failure alarm detected	Maintenance Dpt	Maintenance Engineer	Operator	Job finished
Operator detects automated alarm of equipment failure in the control system

Reports the failure to OntecRTM-system | Detection of failure report

Maintenance Order

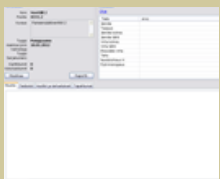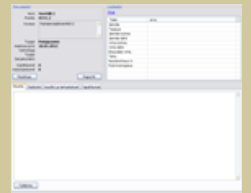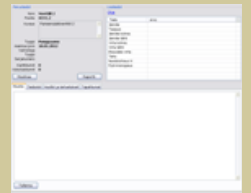Creation of Permit-to-work in Ontec-RTA for the maintenance engineer | Permit-to-work created to get access through gates | Activates maintenance engineer's permit-to-work and access rights to the required area | Status of permit-to-work marked as closed.

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