

ONTEC

STEPS AHEAD

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

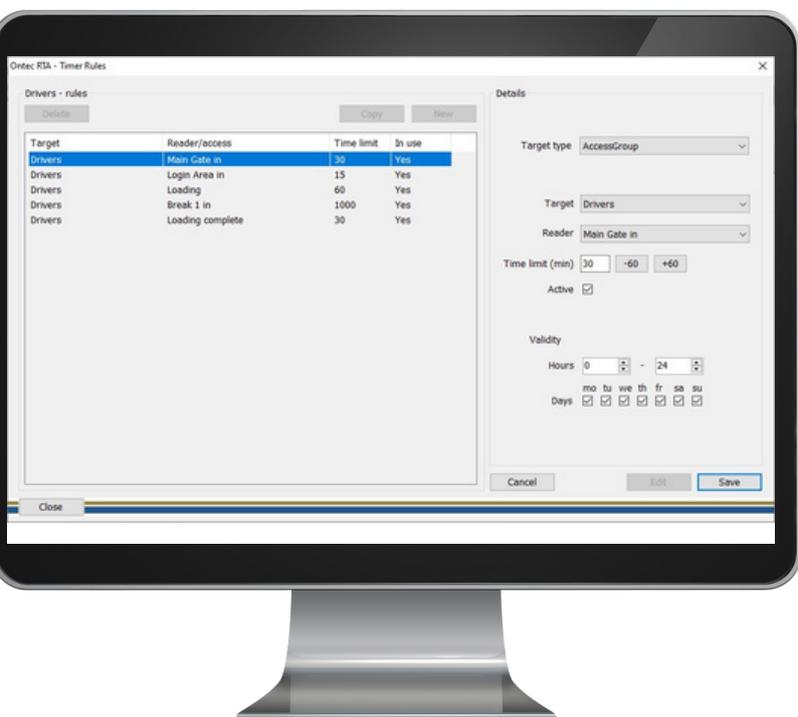


Fast detection of everyone on site in cases of emergency



Improved customer and partner satisfaction

SAFETY AND SECURITY CONTROL THAT NEVER SLEEPS

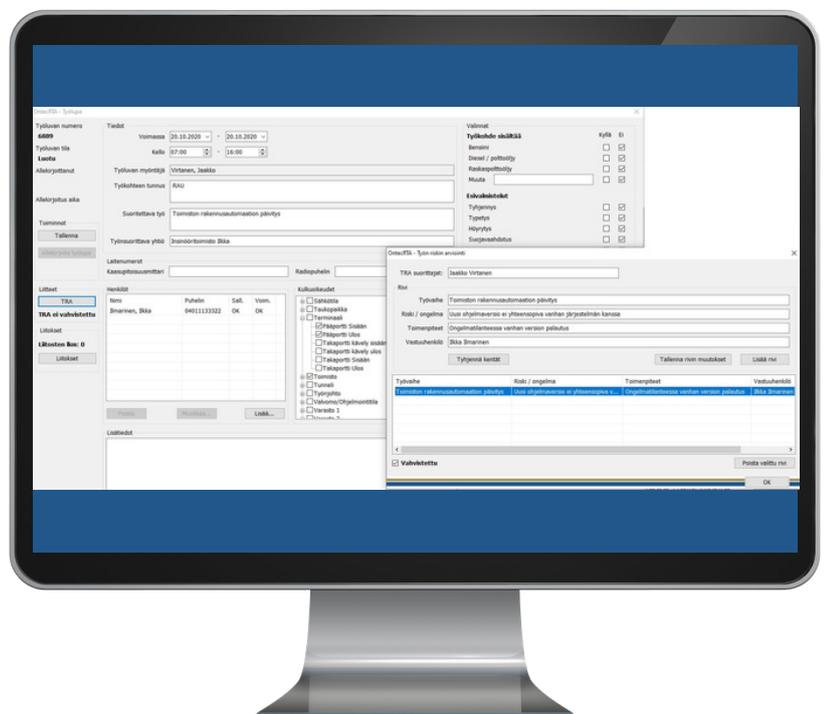


Alarms when time limits exceeded

- 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.

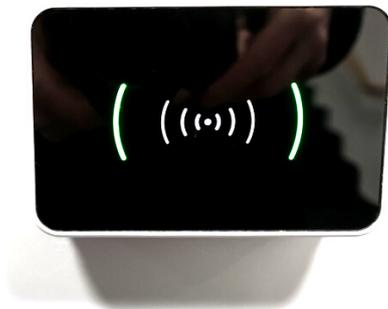


FEATURES

The screenshot displays a complex software interface with multiple sections. On the left, there are input fields for dates (20.10.2020) and times (07:00 to 16:00). The main area contains a list of tasks with checkboxes, such as 'Työnmyynti', 'Työsuojelu', and 'Työsuojelu'. On the right, there are sections for 'Valinnat' (Optional) and 'Pitkösäilytykset' (Long-term storage), each with a list of items and checkboxes.

Permit-to-work

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



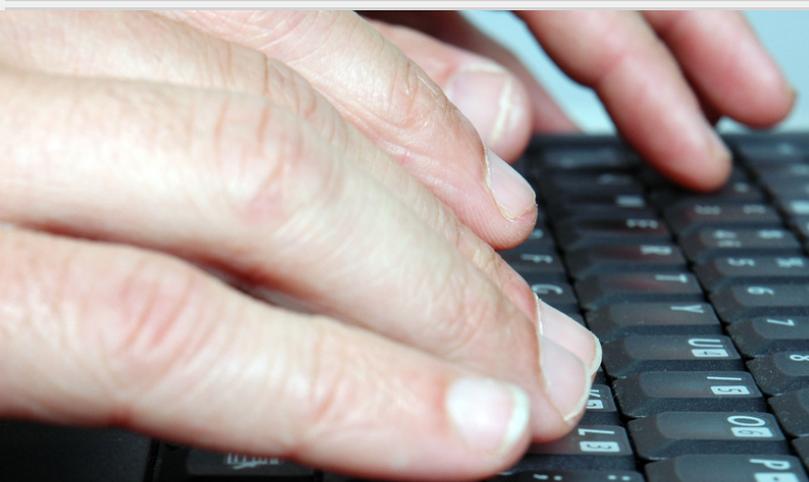
Modern RFID readers

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

The screenshot shows a software interface for license management. It features a table with four rows, each representing a different license type. The first two rows are highlighted in red. The first row is 'Terminal Orientation' with a checked checkbox and an expiration date of '11. 3.2020'. The second row is 'Occupational Safety Card' with a checked checkbox and an expiration date of '28. 2.2020'. The third row is 'Hot Work Certificate' with an unchecked checkbox. The fourth row is 'Electrical Work Safety' with an unchecked checkbox.

Employees and contractors

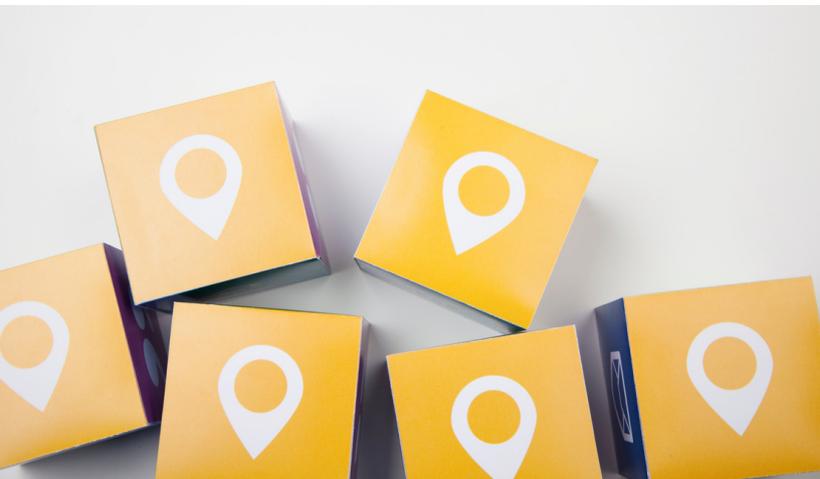
- Personal details (tax and phone number...)
- Automated verification of training and qualification validations
- Basic access permissions. For example, right to access area only with valid work permit.



User management

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

FEATURES



RTAinfo

- Persons in the area and last known location (log-in)
- Time-stamp 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



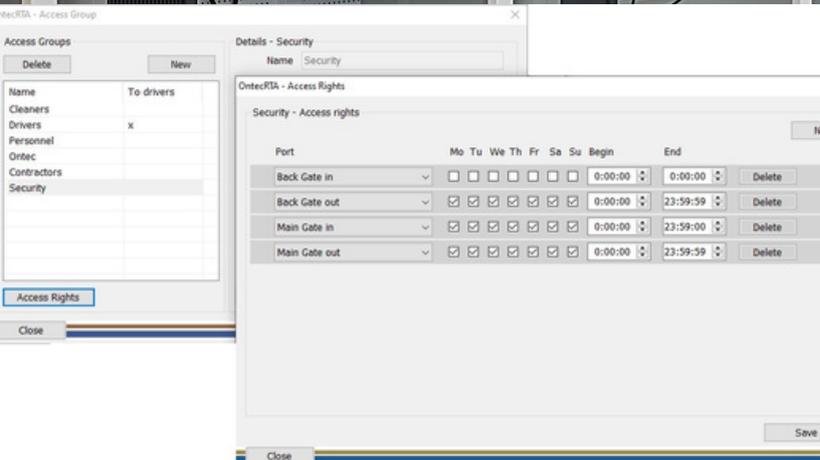
Cloud based access control

- Access control management over the internet from any computer
- Reader sends identified RFID tag for verification to RTA cloud server via wireless 4G/5G connection
 - Valid access right: gate opens
 - No authorisation: red light burns



Web browser user interface

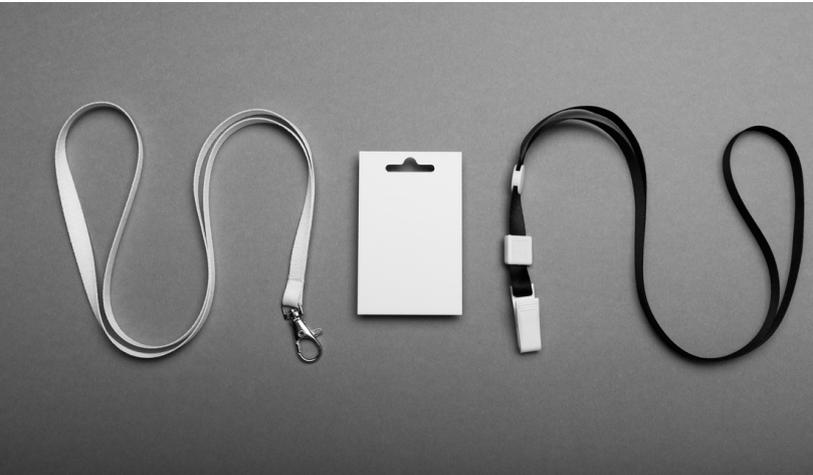
- Permit-for-work can be given for certain time periods
- System exports personal data of the person last identified at the gate to the Permit-for-work being created with the 'Read RFID at gate' function button



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

OntecRTA - Events

Search

Date: 21. 9.2020 | 21.10.2020 | [Yesterday](#) | [Today](#) | [Last week](#) | [This week](#) | [Last month](#) | [This month](#)

Transport Company: All | User: All | Driver: All

Search

Events

Date	Creator	Description	Person	ID	Port
20.10.2020 15:28	Person	Reader event	Smith, Jane	2531	Main Gate in
20.10.2020 15:28	Person	Reader event	Kujettaja, Testi	1	Log Off
20.10.2020 15:28	Person	Reader event	Kujettaja, Kimmo	1530	Loading complete
20.10.2020 15:27	Person	Reader event	Ilmarinen, Ilkka	189	Log Off
20.10.2020 15:27	Person	Reader event	Doe, John	2530	Log Off

Event log and search

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

OntecRTA - Persons

Company: Suoskosken Silvoos Oy

Persons

Lastname	Firstname	Allowed	Valid
Susi	Sami	OK	OK
Susi	Sari	OK	OK

Details - Susi, Sami

Allowed

Firstname: Sami | Lastname: Susi | Phone: | Tax number: | Language: Finnish

Permissions

Access Control

Card Code 1: | Card Code 2: | Access Group: Cleaners

Work permit only

Cancel | Update | Save

Personal data management

- Personal data card is fast to fill for each individual

OntecRTA - Timers

Timers

Timer	Weekday	Time	
Control Room locked	Friday	16:00:00	Delete
Control Room open	Monday	7:00:00	Delete
Main Gate close	Saturday	18:00:00	Delete
Main Gate close	Sunday	18:00:00	Delete
Main Gate open	Saturday	7:00:00	Delete
Main Gate open	Sunday	7:00:00	Delete

Save All

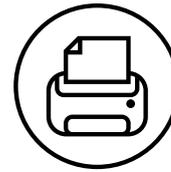
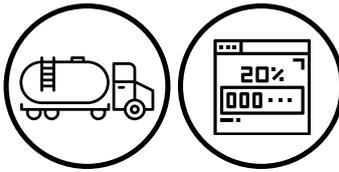
Additional features

- 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

OntecMilo

OntecRTA

OntecMilo

MiloEX

OnatexMID

OntecRTA

OntecMilo

OntecRTA

Gate in
Identification

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

OntecRTA

OntecRTA

OntecRTA

OntecRTM

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

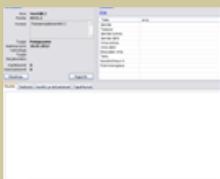
Creation of Permit-to-work in OntecRTA for the maintenance engineer

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.

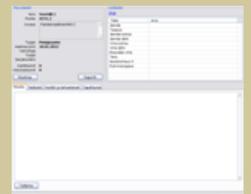
Recording taken measures to equipment register of OntecRTM



Nimi	Yritys	Työluupa	Sijainti
Teuvo Korhaja	Kunhosapito Oy	10004 - e. aktiivinen	Portti 1
Maja Meikäläinen	Urakoiti Oy	-	Portti 1
Matti Meikäläinen	Urakoiti Oy	10025	Satama

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



ONTEC PRODUCTS

We are an experienced full control system supplier. Our products have been developed for oil, gas and chemical industries. We were the first company in the world to develop a MID (Measurement Instrument Directive) approved digital connection with flowmeters enabling usage of data of volume, mass and density in a MID approved manner.



Easy to integrate to other systems



Product modules allow building needed systems for professional use fast and cost-efficiently



Modules function also independently



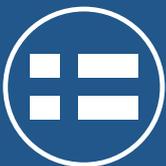
All our products can be connected to cloud services



Can be used by browser via any mobile device



High cyber security



Finnish quality - we deliver as promised

	Certifications	OGC	Aviation	Other industries
OnatexMID Measuring system for liquids other than water	MID ATEX	✓	✓	✓
OntecMilo Liquid loading system	MID ATEX	✓	✓	✓
OntecOGC Process control system		✓		✓
OntecAir Process control system	JIG compliant		✓	
OntecJetAir Maintenance control system	JIG compliant		✓	
OntecRTA Real-time safety and access control system		✓	✓	✓
OntecRTM Real-time maintenance software		✓	✓	✓
OntecReport Reporting software		✓	✓	✓
OntecDiary For event documentation		✓	✓	✓
OnatexHeat Trace heating system	ATEX	✓	✓	✓
OntecFireExt Fire extinguishing system	ATEX	✓	✓	✓
OntecOPR Pillar report for stabilising machines				✓
OntecMining Control system for mining machines				✓
OntecRTS Real-time service and support 24/7		✓	✓	✓
Devices	MID ATEX	✓	✓	✓
Training & consultation		✓	✓	✓

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