

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



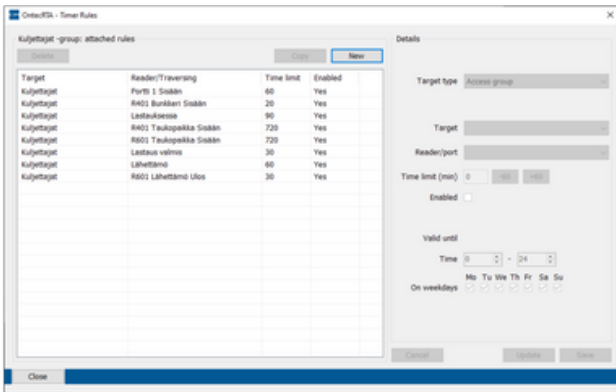
Fast detection of everyone on site in cases of emergency



Improved customer and partner satisfaction

SAFETY AND SECURITY CONTROL THAT NEVER SLEEPS

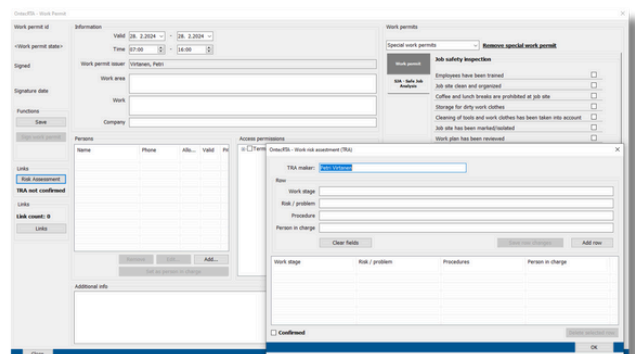
Alarms when time limits exceeded



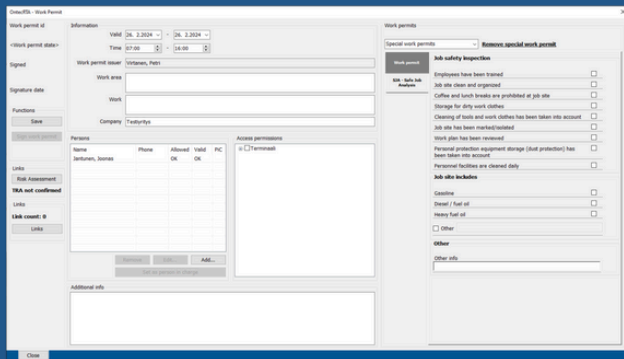
- A time profile can be set for each task on site. Exceeding it will cause an automated alarm, notifying staff on duty of abnormal activity in the area. For example, if a driver has been in the loading area for more than an hour, he most likely has some kind of a problem or emergency with the loading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



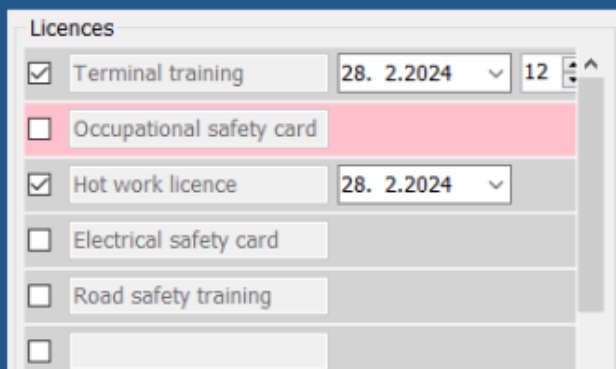
Permit-to-work

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



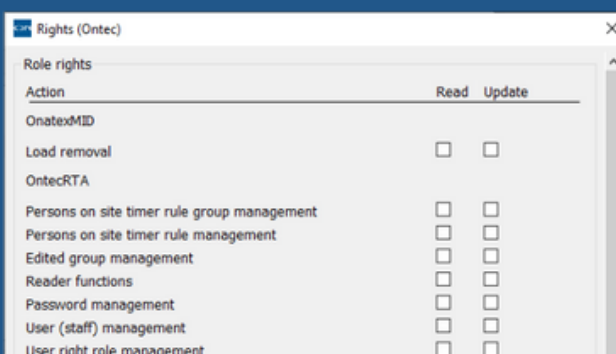
RFID-readers

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



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.



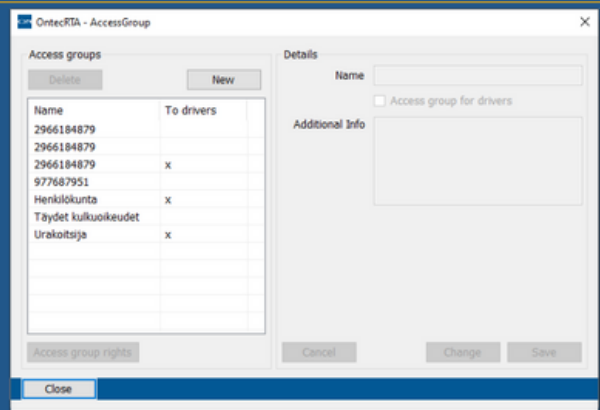
User management

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

FEATURES

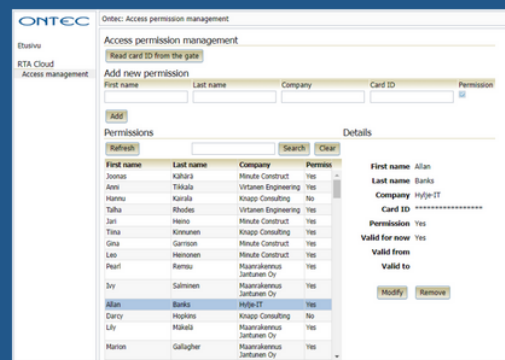
RTA info

- 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



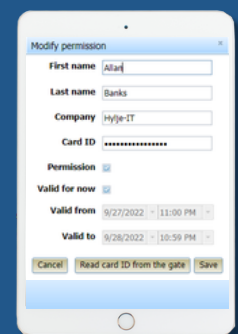
Cloud based access control

- 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



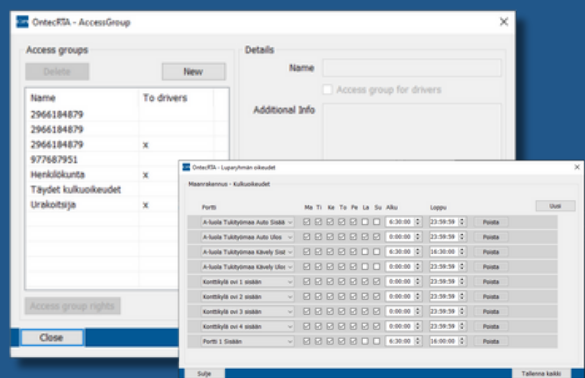
Web browser user interface

- 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

New guest

Card ID *****

First name John

Last name Smith

Company Virtanen Engineering

Phone 045 888 6666

Host card ID *****

Host name Taina Korpela

Host phone 040 999 8888

Remember me

Cancel OK

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

System Events

Event date: 28.07.2023 00:00 - 28.08.2023 00:31

Company: All User: All

Date	Creator	Description	Additional info	User	Url	Person	Ph...	Port	Ph...
28.08.2023 13:21	Person	Gate open for Person			0	Melan, Milla	1149	8021 Lihattien Sitten	44
28.08.2023 13:20	Person	Gate open for Person			0	Tuomola, Jari	1321	8424 Valkeans Sitten 1	24
28.08.2023 13:20	Person	Gate open for Person			0	Tuomola, Jari	1321	8424 Valkeans Sitten 1	23
28.08.2023 13:18	Person	Gate open for Person			0	Siron, Jukka-Pekka	761	Kuopion Tullin	37
28.08.2023 13:25	User	Gate open for User		Heikkilä, Jari	25		0	8000 1 Tammela / Nau...	48
28.08.2023 13:22	Person	Gate open for Person			0	Takala, Olli	1276	1204 C.2 Automation...	125
28.08.2023 13:22	Person	Gate open for Person			0	Siron, Jukka-Pekka	761	Portti 5 Sitten	11
28.08.2023 13:21	User	Gate open for User		Heikkilä, Jari	25		0	8424 Valkeans Sitten 1	23
28.08.2023 13:18	User	Gate open for User		Heikkilä, Jari	25		0	Portti 5 Sitten	11
28.08.2023 13:17	User	Gate open for User		Heikkilä, Jari	25		0	Portti 5 Sitten	11
28.08.2023 13:15	Person	Gate open for Person			0	Takala, Olli	1276	T204 C.2 Automation...	124
28.08.2023 13:12	User	Gate open for User		Heikkilä, Rami	41		0	A-Sala Pääovien Sitten	199
28.08.2023 13:12	User	Gate open for User		Heikkilä, Rami	41		0	T200 1 A-Sala Sitten	179
28.08.2023 13:07	Person	Gate open for Person		Komonen, Antero	14		0	8000 1 Tammela / Nau...	48
28.08.2023 13:06	Person	Gate open for Person		Parhola, Jaakko	35		0	8000 1 Tammela / Nau...	48
28.08.2023 13:05	User	Gate open for User		Heikkilä, Rami	41		0		0
28.08.2023 13:05	User	Gate open for User		Komonen, Antero	14		0	805 1.1 Ulko-ovien portit...	179

Event log and search

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

Manage Persons

Company: Oulic City

Lastname	Firstname	Allowed	Valid
Ahlfors	Jukka	OK	OK
Andersson	Marko	OK	
Ermi	Ermi	OK	
Parson	Taru	OK	
Heikkilä	Taru	OK	
Kaunisto	Jorma	OK	
Knuutila	Kari	OK	
Korpela	Jari	OK	
Kuho	Kimmo	OK	
Kurki	Taru	OK	
Kuusi	Esa	OK	
Kuusi	Kari	OK	
Kuusi	Sami	OK	
Miettinen	Mika	OK	
Puustinen	Taru	OK	
Saarelampi	Jorma	OK	
Suominen	Olli	OK	

Details: Person, Taru

First name: Taru

Last name: Person

Phone:

Tax number:

Language: Finnish

Permissions:

Access control: User has one active access code

Access code:

Access group:

Work permit only:

Buttons: Update, Cancel

Personal data management

- Personal data card is fast to fill for each individual

Timers

Timer	Weekday	Time	Delete
Gate in, close	Monday	21:30:00	Delete
Gate in, close	Tuesday	21:30:00	Delete
Gate in, close	Wednesday	21:30:00	Delete
Gate in, close	Thursday	21:30:00	Delete
Gate in, open	Monday	6:30:00	Delete
Gate in, open	Tuesday	6:30:00	Delete
Gate in, open	Wednesday	6:30:00	Delete
Gate in, open	Thursday	6:30:00	Delete
Gate in, open	Friday	6:30:00	Delete

Buttons: Close, Save All

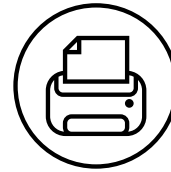
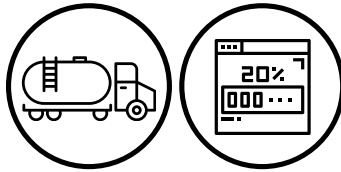
Additional features

- 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

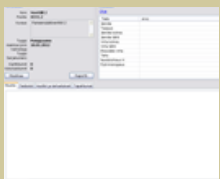
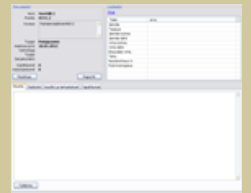
Activates maintenance engineer's permit-to-work and access rights to the required area

Status of permit-to-work marked as closed.

Recording taken measures to equipment register of OntecRTM



Nimi	Yritys	Työluupa	Sijainti
Teuvo Korhaja	Kunnossapito Oy	10004 - ei aktiivinen	Portti 1
Maja Meisänen	Urakoiti Oy	-	Portti 1
Matti Meisänen	Urakoiti Oy	10005	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

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

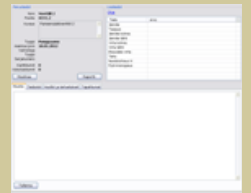
Activates maintenance engineer's permit-to-work and access rights to the required area

Status of permit-to-work marked as closed.

Recording taken measures to equipment register of OntecRTM



Nimi	Yritys	Työluupa	Sijainti
Teuvo Korhaja	Kunnossapito Oy	10004 - ei aktiivinen	Portti 1
Maja Meisänen	Urakoiti Oy	-	Portti 1
Matti Meisänen	Urakoiti Oy	10005	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

CONTACT US

ONTEC OY

Sutelantie 277

48400 KOTKA

+358 5 229 6300

info@ontec.fi

SALES & MARKETING

Kare Kupiainen

+358 440 668 321

kare.kupiainen@ontec.fi

PROJECTS

Esa Käyhty

+358 440 668 322

esa.kayhty@ontec.fi

MARKETING & QUALITY

Tanja Karpale

+358 451 177 701

tanja.karpale@ontec.fi

ONTEC.FI 



CONTACT US

ONTEC OY

Sutelantie 277

48400 KOTKA

+358 5 229 6300

info@ontec.fi

SALES & MARKETING

Kare Kupiainen

+358 440 668 321

kare.kupiainen@ontec.fi

PROJECTS

Esa Käyhty

+358 440 668 322

esa.kayhty@ontec.fi

MARKETING & QUALITY

Tanja Karpale

+358 451 177 701

tanja.karpale@ontec.fi

ONTEC.FI 

