Lenel OnGuard Integration

The missing piece of Access Control is Asset Control

traka
ASSA ABLOY

ASSA ABLOY, the global leader in door opening solutions

LENEL
A UTC Fire & Security Company
OpenAccess PARTNER

Traka Lenel OnGuard Integration

Now your Lenel OnGuard system can manage access to your business keys, physical assets, and removable items such as laptop computers, radios, PDA's, test equipment and much more!

Traka is a world leading manufacturer of systems for managing keys and assets with an installed base of over 30,000 systems, used worldwide by government, military and commercial organizations for controlling keys hospitals, and hotels – almost any organization imaginable. The products are extremely robust operating 24/7 largest range of options and features available anywhere.

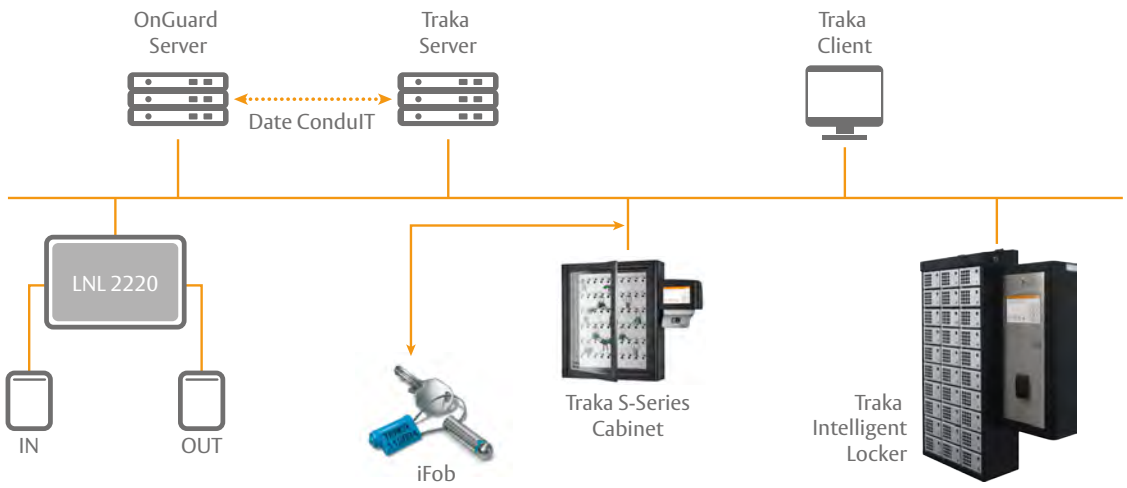
With our latest integration to OnGuard, administrators can now enroll Lenel cardholders into the Traka database, grant access levels to our key cabinets/intelligent lockers, and receive Traka events and alarms back into OnGuard for seamless day to day operation of our key and asset management solutions.

Companies can now extend their access control functionality by directly tying cardholder's identities to any number of physical assets like keys, devices and vehicles. Lenel cardholders now become accountable for items they have checked out and ensure that they are returned immediately after use and any damage is reported promptly.

Traka Lenel OnGuard Integration

The Integration

System Diagram



*Key (iFob) and Locker locations are access levels granted in OnGuard.

**Asset usage assurance suported: Egress can be denied if keys (iFobs) or locker items are not returned

- Bi-directional communications via DataConduIT
- Traka events and alarms available in Alarm Monitoring
- Lenel Access Level support - Manage key positions as if they are card readers
- For granular control 'Key Management Tab' can be created in Lenel Cardholder Screen
- Key cabinets and intelligent lockers are treated like any other 'edge device' on the network

Traka Lenel OnGuard Integration

Feature Set

Cardholder and Badge Integration

OnGuard cardholders can be dynamically added and updated to the Traka database including cardholder data, badge ID, badge status and access level assignments.

Access Level Integration

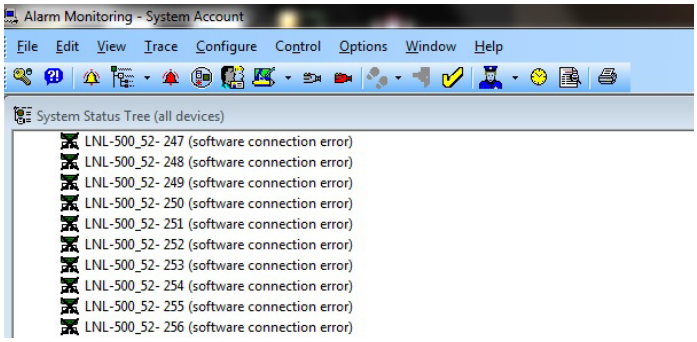
OnGuard Access Levels can link to Traka Item Access Groups. When a cardholder is assigned a Traka 'linked' access level, they will have access to the key sets and assets defined in the Traka Item Access Group template. The template also defines when the keys can be accessed and how many at a time (key allowance).

Grant and Revoke Cardholder Access based on Traka Key Status

Revoke cardholder exit from a facility or area if a sensitive key set has not been returned to the Traka system. Or, ensure a key set has been taken before access to a particular facility or area is granted to meet operational procedures. This is particularly important for data centers and prisons where turnstiles are employed and any secure facility where sensitive keys must be prevented from being taken off-site. For applications where the cardholder is not physically prevented from exiting, installing a reader near an exit or time clock can provide you with similar functionality. By procedure, the employee must badge on the reader to verify all their keys have been returned to Traka otherwise an alarm will be raised locally, (LED, strobe) and/or through alarm monitoring, which could trigger email notification or text message. This prevents keys from being taken home accidentally. This feature is a huge benefit to businesses who need to control extremely sensitive keys and assets.

Event and Alarm Integration

Traka events and alarms can be sent to the OnGuard Alarm Monitoring interface. Examples include, key removed, key returned, key overdue, door left open and more. A system administrator can customize event and alarm descriptions as well as set a generic description with 'associated text'. This will allow you to filter, set priorities and trigger on particular alarms from within the Alarm Monitoring environment. This is a very powerful feature as it opens up numerous possibilities beyond sending email notifications, including activating camera pop-ups.



Traka Lenel OnGuard Integration

Support for OnGuard Segmented Systems
It is possible to limit the processing of cardholder, badge and access levels to specific segments that can be user-defined in the Traka Integration Engine software.

All badge Wiegand formats supported up to 200 bits supported including FIPS 201

Traka OnGuard Integration Features

OnGuard Badge Type Discrimination Support
OnGuard systems can support multiple active badges per cardholder. Traka can natively support only one active badge per cardholder. In prior versions of the Traka OnGuard integration, if a CardHolder record in OnGuard had multiple active badges assigned this would potentially cause a corruption of the corresponding record in Traka. It is now possible to nominate a badge type and limit the processing of badge software events received over DataConduIT to a particular badge type.

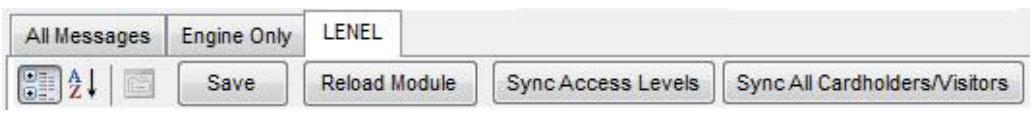
Full Cardholder and Visitor Sync
The Traka OnGuard integration uses OnGuard DataConduIT software events to update corresponding cardholder records in the Traka database in close to real-time. In the situation that an OnGuard system goes offline for any period, the software events are never generated and therefore changes in OnGuard are not reflected in the Traka system. The Traka Integration now has a robust sync facility:

Scheduled Auto-Sync: A schedule for an automatic sync can be configured (in minutes) to pick up any Cardholder or Visitor changes made while the system was 'offline'.

Manual Full Import Button: A button is now available in the Traka Monitor tool that can be used to manually sync Cardholder or Visitor changes made while the system was 'offline'. This can be used at any time despite when the last auto-sync was performed. This is also useful for new implementations.

Full Access Level Sync
Same principle as the cardholder and visitor sync facility. This provides a solution in the situation where the OnGuard system may have gone 'offline' for a period.

Orphaned User Sync
This provides a solution in the situation where the OnGuard system may have gone 'offline' for a period and a user was removed effectively orphaning the user in Traka, this process can be performed as part of the main sync as well.



Traka Lenel OnGuard Integration

Benefit Summary

- Seamless integration allowing Traka system administration from familiar OnGuard environment
- Significant reduction in administration overhead and consistent data between Traka and OnGuard
- Cardholder, badge and Access Level updates to the Traka system in real-time
- Traka events and alarms exposed to OnGuard Alarm Monitoring in real-time
- Control of cardholder facility and area access based on Traka key or asset status – e.g. employees cannot leave site unless keys are returned to Traka
- Single credential used for both door access and keys or assets secured in Traka
- Support for OnGuard segmented systems

System Pre-requisites

- OnGuard software 7.3 and 7.4
- DataConduIT License
- Single Sign-In account to OnGuard
- Dual Serial Ethernet device for each 16 bit Traka key cabinet
- Traka32 2.38.0000 or Traka Web 3.0.1
- Traka Integration Engine 2.2.2
- SQL Server (2008, 2012, 2014, 2016) to host Traka Web or Traka32 SQL database
- Supported platforms: Windows Server 2008, 2012, 2016, Windows XP, 7, 8 and 10
- Traka real time update service 02.12.0035 (Required for Asset Return Assurance)

Organisations using Traka

- Data Centres
- Technology Companies
- Education Facilities
- Distribution Facilities
- Prisons
- Casinos
- Museums
- Shopping Centres

Traka Lenel OnGuard Integration

Traka software can provide a further level of richness to the application with a huge range of additional functionality that one should expect from an industry leading key management system.

Traka software also supports

- Giving different groups of staff access to selected items only, controlled by time and day automatically
- Curfew functionality can assure keys are checked out or returned in specific, defined time increments
- Fault logging can show a problem that occurred during an item's use and assures that faulty items are automatically locked-in until fixed – no more down time due to users taking broken items
- Rotate usage of the equipment, ensuring first in is first out, perhaps to allow time for an item to recharge
- Key booking for reserving keys in advance
- ...and much, much more...

Traka Hardware

- Key cabinets from 10-540 key positions with intelligent locking key strips
- Highly configurable intelligent lockers are available with or without RFID support for optional real time monitoring
- All Traka cabinets support battery backup and database cacheing during outages
- UL 294 and CAN/CSA C22.2 Certified

Traka Support

- Traka offers complete installation and support services with an ongoing maintenance program to assure that your system is always current.
- Traka works with both the VARs and Lenel end users for correct, effective usage of our systems.
- Hardware is warranted against defects for one year after purchase; optional extended warranty support available.

ASSA ABLOY, the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

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