

July 17<sup>th</sup>, 2024



## The Flux Capacitor of Campus Security & Facility Operations

Helping educational institutions boost campus security, efficiency and better protect physical keys and assets at the heart of operations



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**traka**  

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**ASSA ABLOY**

July 17<sup>th</sup>, 2024



# The Flux Capacitor of Campus Security & Facility Operations

## Agenda

- Background: Why Traka
- Traka Touch Pro Key Management
- Development Roadmap – Key Updates
- Intelligent Locker Solutions
- RIT – Weapons Management Case Study
- Q & A



**traka**  
ASSA ABLOY

# Why Traka

To help all organizations have **control and accountability** for their keys and important assets



Reduce Risk



Increase Efficiency & Reduce Downtime



Lower Maintenance Costs



Increase Safety & Maintain Compliance



Drive Process

# Why Traka

Ensure only the right people at the right time and place can access keys and equipment fundamental to safety, security, and getting work done efficiently.



# Why Traka

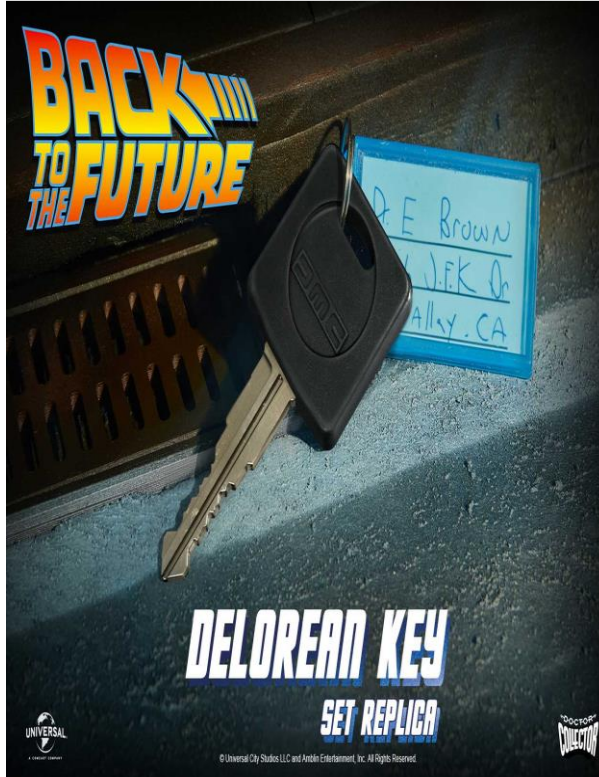
## Accountability

Staff behave more responsibly with company assets



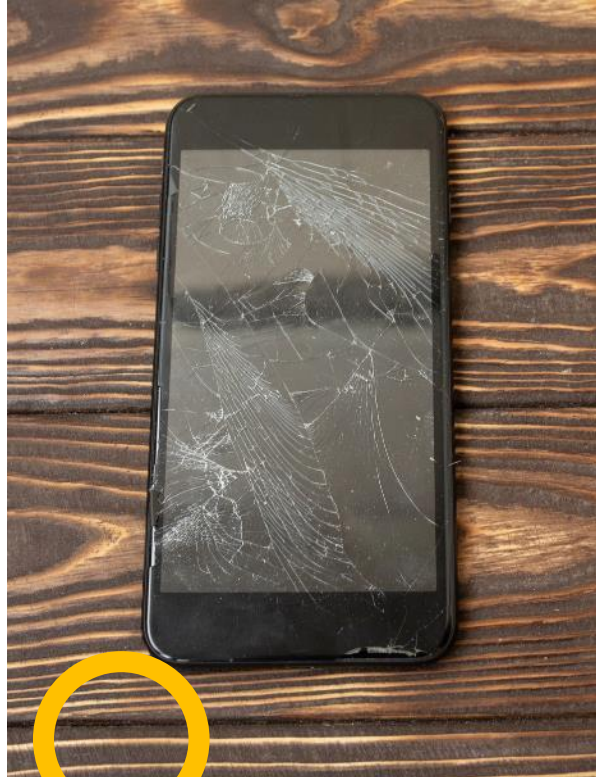
## Productivity

Reduces time needed to locate and access keys and equipment



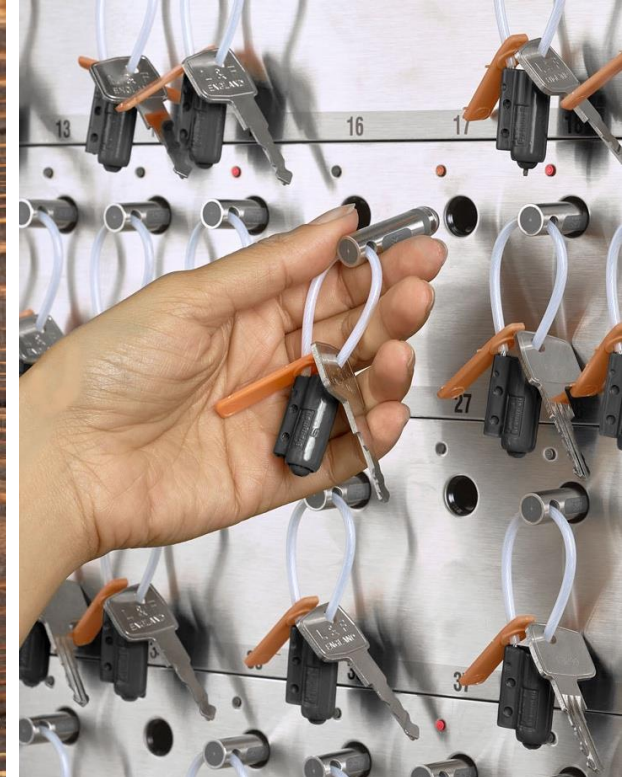
## Cost savings

Efficient asset utilization, with minimized loss, theft and misuse



## Enhanced security

Complete control and visibility of user and item activity



# Wouldn't be great if we could...

Collect items in seconds



Know they were charged & working



Be accountable for their use

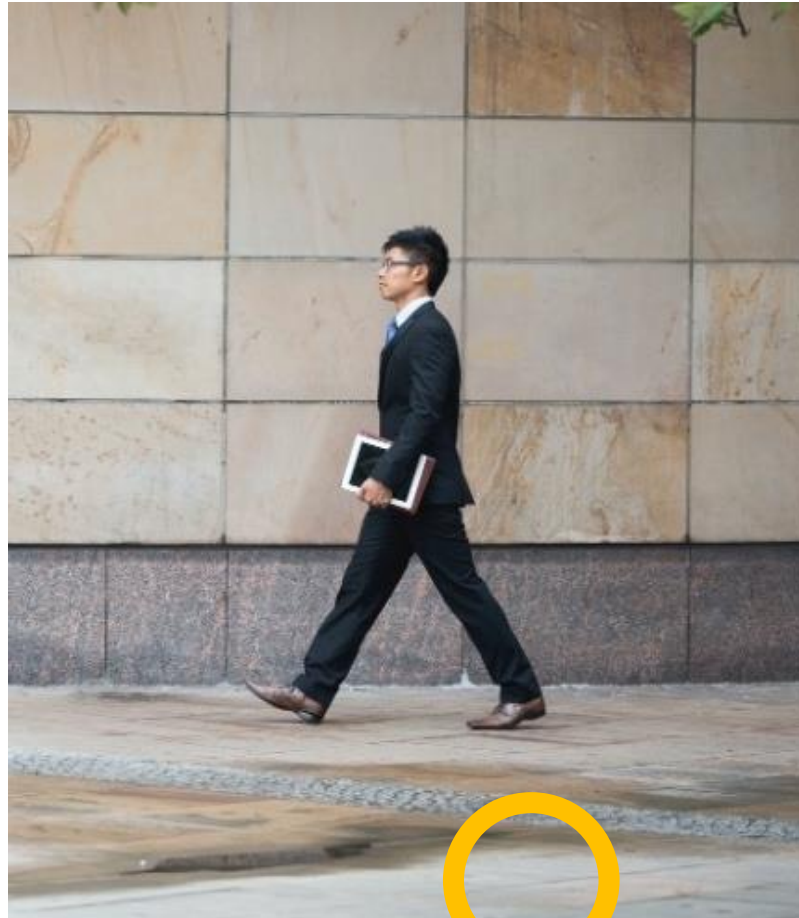


# Wouldn't be great if we could...

Confirm that it has been returned



Prevent it from leaving your facility



Be alerted when it is faulty

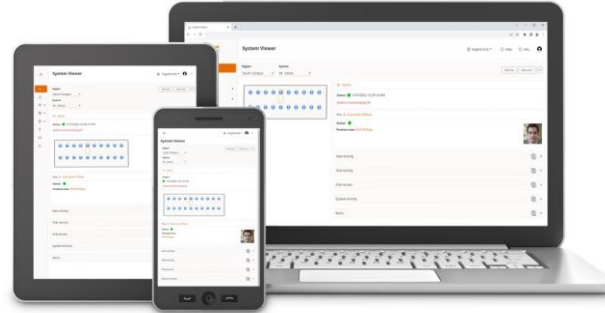


# The Complete Key & Equipment Management Solution

Intelligent key and equipment management



Administration and integration with business systems



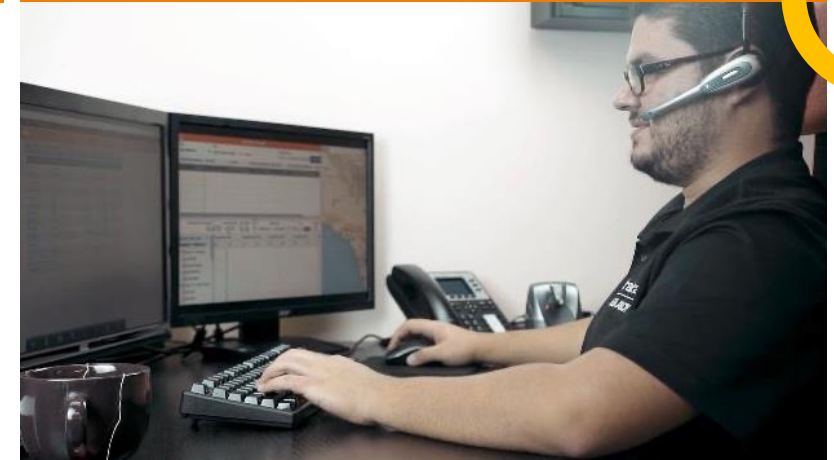
 **LENEL·S2**

 **OnGuard®**

NetBox



Professional services





# Traka Touch Pro – Launched 2023



## The new Traka Touch Pro range

- Presents the Mk.3 Touch Control Pod as part of a uniform aesthetic and performance uplift
- Embraces contemporary ASSA ABLOY industrial design standards
- Creates strong connected family look and feel across the range
- Introduces new features to improve flexibility, ease of use, installation & maintenance
- Proves commitment to environmental sustainability through product design, material selection, construction & packaging
- Adopts modular construction with common parts, components and accessories

# Traka Touch Pro – Key Updates

## Cabinet Design Improvements

- Consistent aesthetic across the entire range (e.g. common radius)
- New durable recessed hinge design
- Rigid door frame design and common motor driven lock across range for durability and added security
- Standard cabinet depth for larger key sets and assets
- Removable receptor swing frame for serviceability and emergency release access across range (except V Pro)



## Control Pod Design

- New and improved cap-touch screen and Mk3 controller as standard
- Common control pod across entire range for serviceability, faster production and quality assurance
- Battery and PSU housed in pod
- ADA / DDA compliant configurable height option on L Pro



# Traka Touch Pro – Launched 2023



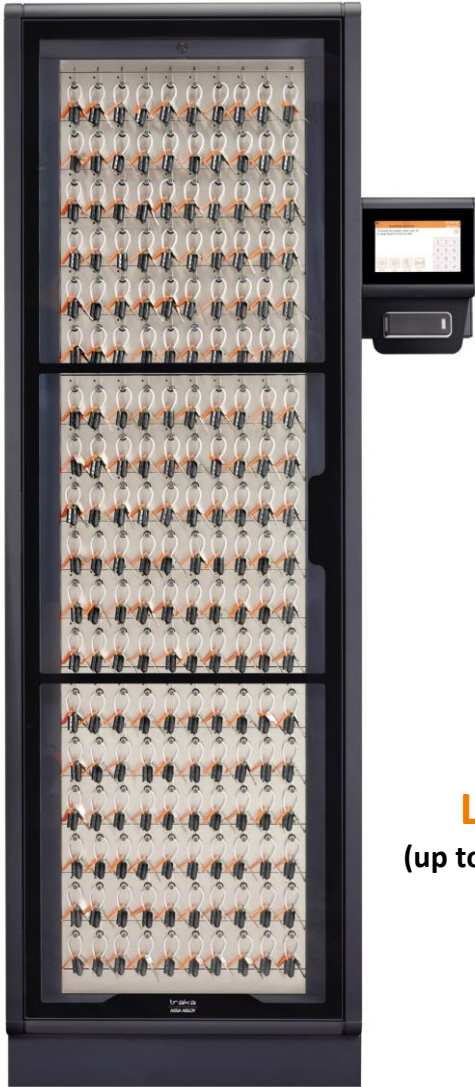
**V Pro**  
(up to 5 keys)



**M Pro**  
(up to 20 keys)



**S Pro**  
(up to 60 keys)



**L Pro**  
(up to 180 keys)

# Traka Touch Pro – Key Updates

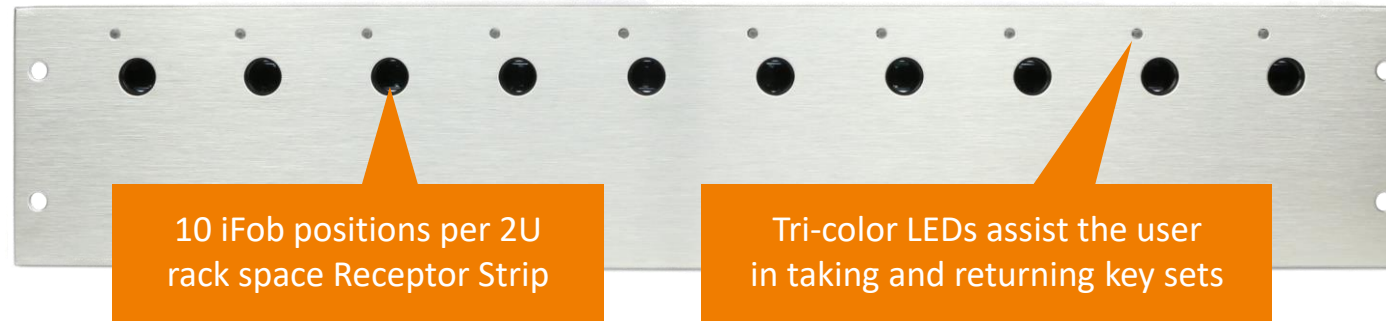
- M, S and L Pro have modular and removable receptor frames
- L Pro uses 3 x S receptor frames
- Frames can swing out for access or emergency release
- Frames can be removed and packed separately



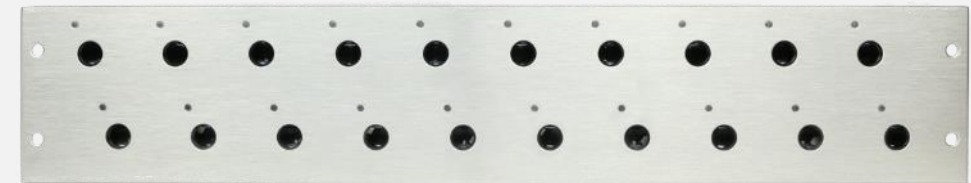
# Traka Touch Pro – Supports Existing Controller & Receptor Strips

## Flexibility to meet growing needs

Expand in increments of 10 or 20 key sets with the use of our locking or non-locking Receptor Strips.



- Each iFob is locked in place and only released for authorized users
- Non-locking strips available for audit-only applications



Double-density (20 iFobs) available for special applications

# Traka Touch Pro



Door type:	Clear polycarbonate or steel
Power supply:	Standard 110V AC power
Battery backup:	24 hr. battery backup
Communications:	Ethernet (WIFI or 4G available)
Alarm interface:	3 dry contact alarm outputs
Reader interface:	Wiegand, <b>OSDP, Mobile Credential Support</b>

## Certifications



✓ ISO 9001:2015  
✓ ISO 14001:2015

RoHS   
Compliant

# Traka Touch Pro – Red Dot Design Award – 2024 Winner



Pictured Left to Right: Mark Williams – Hardware Development Manager (Traka), Perla Munhoz – Head of Global Product Design (ASSA ABLOY), Wayne Stant – Product Director (Traka), Paul Wright – Mechanical Engineering Manager (Traka)

- **Red Dot Award** is a globally recognized competition that celebrates innovative products that impact their fields.
- Our of 18,000 entrants only a select number of designers and manufacturers are awarded that recognizes excellence in design
- **Traka Touch Pro was a winner in the Product Design category**



# Development Roadmap: Multiple Active Credential Per User Support

- Increasing number of applications require multiple active credentials per user (cardholder, personnel record)
- Proliferation of mobile access applications in particular driving the need
- TrakaWEB has a native limitation of 1 credential per user only
- Workaround solutions exist to discriminate based on badge type for integrated solutions, but still limited to 1 active credential per user in TrakaWEB
- Many Higher Education existing customers and prospects requesting the functionality change in Traka
- **Multiple active credentials per user support will be introduced in TrakaWEB v4.5 (Target Date: December 2024) 😊**





# Development Roadmap: Multiple Active Credential Per User Support

The screenshot displays the Traka web application's 'Users' management page. The browser address bar shows the URL <https://win-iah749jctt/TrakaWeb/Users>. The page features a sidebar with navigation options: System Viewer, Users (selected), Items, Reports, Software Settings, iFobs, Systems, and Realtime Activity. The main content area is titled 'Users' and includes a header with filters for Region (All Regions), System (All Systems), and Active (All Users). Below the filters are 'Delete', 'Edit', and 'Create' buttons. A table lists two users:

0 ...	Display Name	Sync	Department	Title	Division	Email	Phone
<input type="checkbox"/>	Cabinet Admin	●					
<input type="checkbox"/>	Super Admin	●					

Below the table is a 'Create Filter' button. The footer of the application shows the Traka logo and the URL [traka.com](http://traka.com). The Windows taskbar at the bottom indicates the time is 4:34 PM on 7/12/2024.

# Development Roadmap: Windows Embedded to Linux Migration

- Traka Touch OS is currently Windows Embedded Compact 7 (WEC7) which has come to its end of extended support and while it remains a licensable product until end of life on 28<sup>th</sup> February 2026 (and with WEC2013 licenses technically still being available until May 31<sup>st</sup>, 2028 that can be applied to WEC7 OS)
- Traka had initially planned a path to Windows 10 IoT Core to remain on the Microsoft Windows platform
- However, after careful evaluation and consideration of the long-term needs of the market and Traka platform, we believe that a **migration to Linux for Traka Touch is strategically the best thing to do**
- Linux is considered the de factor standard operating system for use in embedded devices, is highly customizable, supported by a large and prolific developer community and will best serve our hardware technology and innovation plans for key & asset management well into the future
- Customers with the latest iMX6 (Mk 3) controller (since 2021) will be able to migrate to Linux without any hardware upgrade
- Customers with any cabinets on the older iMX28 (Mk2) based controller, will be required to upgrade the controller.
- Further detailed information including commercials and costs will be made available and communicated very soon.



# OnGuard Integration

- TrakaWEB is certified with OnGuard **v8.0**, **v8.1** and **v8.2**
- Current version of the Traka OnGuard integration is v3.6.2 (11-Jun-24) which contains a hotfix for erroneous user orphaning where unable to retrieve valid badge types which can occur in some rare cases
- More information can be found at below links or speak to one of our team:
  - <https://www.lenels2.com/en/security-solutions/third-party-integration/oaap-partners/traka-web/>
  - <https://support.traka.com>



# Traka Intelligent Locker Solutions

Secure storage | Control access | Audit usage



Weapons



Laptops



Personal protective equipment



Radios



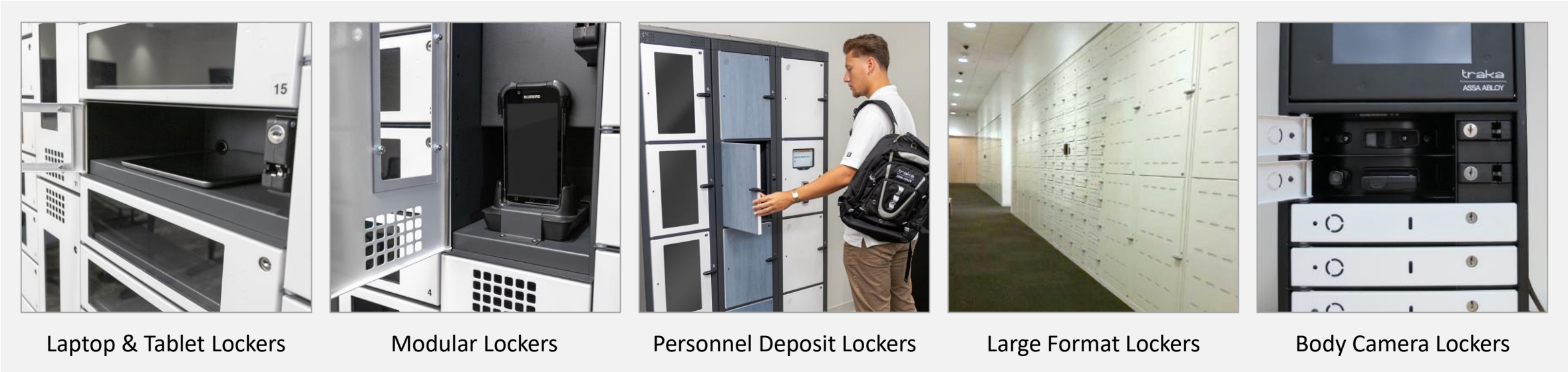
Devices & Tablets



Controlled substances



# Traka Intelligent Locker Solutions



## Options



Integrated charging



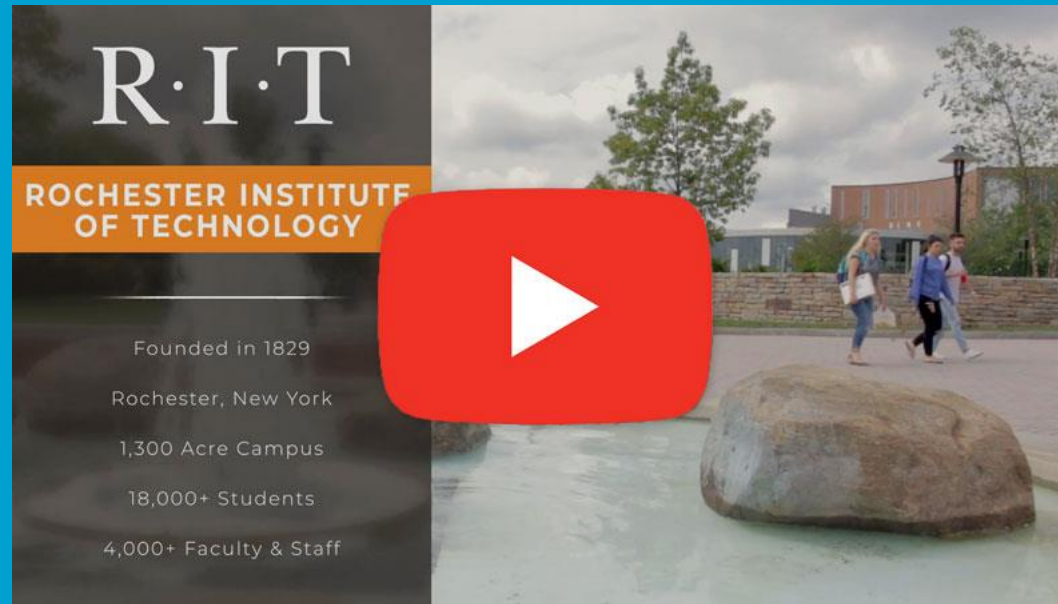
RFID tagging



Data Synchronization

# Rochester Institute Technology – Case Study

## Video Case Study Rochester Institute of Technology






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ASSA ABLOY

Weapons Management Solutions

# Sales Group – June 2024

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July 17<sup>th</sup> 2024



## Questions

Helping educational institutions boost campus security, efficiency and better protect physical keys and assets at the heart of operations



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