

RIT | Rochester Institute
of Technology

Comprehensive Weapons Management Solution Ensures Safety and Efficiency



Traka Solutions in Education



Facility Keys



Laptops



Tablets



Radios



Vehicles



Firearms



Equipment



The Challenge

Rochester Institute of Technology (R.I.T.)'s Public Safety Department needed a comprehensive solution to manage its officers' firearms. The school serves 18,000 students and 4,000 faculty and staff on its 1,300 acre campus in Rochester, NY.

Specifically, they needed a system that would fill multiple needs, including:

- Weapon storage
- Weapon safety and security
- Weapon tracking
- Weapon record keeping

Additionally, R.I.T. wanted to invest in a system that was equipped to take on challenges that might present themselves in the future.

The Solution

R.I.T. partnered with Traka to design a custom solution to manage its weapon inventory. The solution, which accounts for R.I.T.'s unique needs, floor plan, and weapon dimensions, includes the following elements:

- S-Touch intelligent key cabinet with biometric user authentication
- Custom intelligent locker system for secure rifle storage
- Central management of lockers and key cabinets via TrakaWEB
- Reason logging to track why weapons are checked out
- Fault logging to track weapon issues
- Integration with existing business system for streamlined access administration



Automate secure weapon access and reduce human administration

Traka's intelligent key cabinets and lockers eliminate the need for a supervisor to open weapon lockers and check weapons in and out. R.I.T. officers simply swipe their university ID to gain access to the arms room, use biometric user authentication to open their locker, retrieve their weapon, and head out to patrol. All of the actions are tracked through the Traka system.

"Our biggest goal when we designed the armory and decided to go with Traka as our integrator was to make sure it was specific to one officer to one weapon. We know who's swiping in, and with the use of their biometric fingerprint, only they can sign out their weapon."

Rod Lezette
Assistant Director of Public Safety

Access weapon and user information from anywhere via TrakaWEB

R.I.T. needed a digital locker and key management system that was easy to learn; accessible from a smartphone, tablet, or computer; and intuitive to navigate. TrakaWEB checked all the boxes. After less than two days of training, the team was comfortable managing the system.



Streamline access administration via Lenel system integration

R.I.T. uses Lenel for its campus administration. Because TrakaWEB integrates seamlessly with several business systems, including Lenel, it was easy for the team to provide weapon access to new team members.



Two specific TrakaWEB features streamlined previously cumbersome processes:

Gain immediate access to weapon usage reasons

For the team at R.I.T., it wasn't just important to provide automated access to weapons; it was also important to understand why officers were accessing the weapons. Is the officer working a special event? Responding to an issue? Working overtime? Cleaning the weapon?

TrakaWEB allows administrators to identify the person who checked out the weapon, when he/she accessed the weapon, and the reason they checked it out, known as reason logging. The system also tracks the number of hours equipment is in use. Administrators simply log in through TrakaWEB to understand the comprehensive status of a weapon.

Track equipment issues and restrict access to weapons needing repairs

It's critically important for the team at R.I.T. to understand when a weapon is malfunctioning. To obtain this information, the Traka system prompts officers to report any weapon faults each time they check in a weapon following use.

"When the officer checks that equipment back in, the system asks if the equipment has any faults. Did something fall off of the weapon? Did they lose something? Did the scope loosen at any time during their tour? The officer simply types in a description of the fault and puts the weapon in the locker. If the fault affects weapon performance, the system will lock the weapon down from future use until an armorer makes the necessary repairs or clears the fault."

Gary Moxley
Director of Public Safety



"The support we've received from Traka has been outstanding. They're very responsive to our problems, our needs, our questions."

Gary Moxley
Director of Public Safety

The Results

Traka's integration into the R.I.T. Public Safety Department has created a weapons management solution that safely tracks and manages weapons on campus.

- Biometric user authentication ensures the officer assigned to a weapon is the only person who can access it.
- The fault logging feature allows officers to document weapon issues, lock malfunctioning weapons from future use, and trigger an inspection and repair process.
- The reason logging feature documents the officer who accesses a weapon, the reason they checked it out, and the length of time the weapon is out.
- TrakaWEB delivers effortless administration from anywhere and integrates seamlessly into R.I.T.'s existing Lenel system.

