

Weapon Authorization Control

Company profile

This company is a highly secure facility with restricted movement which is one of the major players in aeronautical and defense system and is a specialist provider of equipment protection solutions.

Business situation

Instrument/weapon needed keen monitoring and access control. There is a basic need to restrict unauthorized instrument/weapon's entry and exit activities and to set authorized privileges people to move/use instrument/weapons.

Technical situation

In the current scenario, each of the test weapons that were issued for testing had to be entered in the register and manually commissioned. This process was not efficient and access control was difficult. The main challenge was to make the entire process system driven and reduce human effort.

Solution

Sameva along with its RFID technology partner proposed a solution which would optimize the usage of tools as well track them. The solution was very easy and simple to use.

- Install location (RFID) tags to all the locations where weapons and instruments are stored
- Install asset (RFID) tags to all the weapons and instruments and create association with location
- Create badge (RFID) tags for all employees and create association with assets indicating authorization for that employee to use that particular asset
- Install door control RFID portals at entry/exit points
- Create rules for raising alarm at entry/exit points based on severity of breach

Once the above setup is created, then any employee trying to enter/exit with a weapon without association would raise an alarm and the entry/exit gate would not open. Since each employee needs to pass through the portals, all such movements get logged. Same logic applies when any weapon is moved from one location to another location where it is not associated then there would be an alarm raised.

Results

- The entire operations were system-driven
- Movement of weapons and equipment were controlled and movements were logged
- Unauthorized movement was reduced drastically as system raised alarm for every violation
- Locating an equipment or weapon became easier as the log would show where it was last moved