

ASPISCONTROL

At the core of any ASPIS solution, integrating a central database, the central management system **interconnects** objects, people and **RFID** tags, with strict rules, granting or denying use or access, and **trace** the complete inventory, following the operational requirements of its user.

ASPIS TAGS

Physical Identification of the objects that are managed by the central system is done via RFID. The chip (tag) can be attached to any object such as clothes, furniture, vehicles, weapons, containers, parcels. The selection of the correct model is part of the deployment process.

ASPISPERSON

The ASPISPerson solution is fully customized to meet the client's specific requirements. The software is user friendly and capable of performing a variety of tasks, such as:

- person movements,
- access limits,
- personnel transfers or temporary assignments,
- automatic alerts and more.



Supporting UN
International Small Arms
Control Standards 05.30

SOLUTION: ASPIS WEAPONS MANAGEMENT SYSTEM

ASPISWMS (ASPIS WEAPONS MANAGEMENT) is specifically designed to control and manage Arms and their corresponding accessories with Radio Frequency Identification (RFID) tags and a bar code. The system has a proven track record.



Achieving effective control so that weapons remain in good hands, in optimal condition and in a safe place, can save lives

The control and management of weapons are pertinent responsibilities for the logistics services of the Armed and Security Forces. They are also manpower intensive because they are manually processed. Moreover, human errors are also possible.

The ASPIS system solves these problems as it is specifically designed to control and manage weapons and accessories, with a proven management interface, RFID tags (Radio Frequency Identification) and a barcode.

ASPIS has been developed with an open source code as the global standard of large government agencies, as it avoids the costs of updating expensive source code (software). Therefore, the system is scalable and new elements or new options can be integrated to manage/control files, valuables, vehicles, evidence, or any type of equipment: subject to a specific request.

- RFID tags are incorporated into weapons, accessories and any other type of equipment.
- These tags can be fitted onto metal, composite materials, plastics, etc. and are resistant to impacts, solvents, high or low temperatures, ultrasonic, etc. They are normally fastened with the aid of epoxy resins of high resistance to ensure they **remain in place**

OPERATION

- TAURI SOLUTIONS has developed a control and management system using RFID technology: ASPISCONTROL
- Control by RFID is enabled thanks to the introduction of RFID "tags" that contain a detailed description of the item they are attached to.
- These RFID tags are associated with each element via the ASPIS solution platform, supplying real time information such as full inventory, visibility, tracking and control of the tagged items
- When passing through the control area of RFID readers, the entire inventory is scanned in seconds and the database is automatically updated without staff intervention.
- The complete solution integrates ASPISCONTROL with the following modules: CARS, PERSON, TAGS, all within the ASPIS Portfolio.

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SPECIFICATIONS

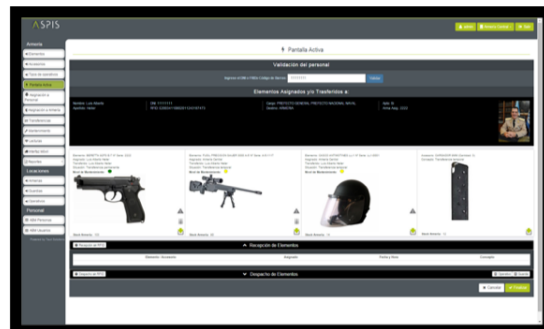
The ASPIS System has been custom built to control and manage the manipulation of fire arms and accessories, integrating following key features;

- Controls personnel, weapons and accessories within specific locations
- Controls exit and entry of weapons and accessories distributed to guards and agents
- Automatic alerts and notifications via the ASPIS solution
- Controls and logs weapons' repair and maintenance plus technical inspections
- Manages, prepares and controls the transfer of weapons and accessories from one site to another or from one owner / user to another.
- Controls destruction of old and out of service weapons
- Withholds weapons from personnel in the event of retirement, conviction, incomplete training or resignation
- Speedy audits and inventories with portable readers synchronizing with the database in real time
- Specific serial weapon identification numbers can be input on handheld RFID reader to identify them within a large stock of arms. When approaching the specific weapon, a sound signal is emitted, of the Geiger counter type.
- Possibility to control stock at each change of guard
- Any weapon or accessory passing through an ASPIS control point will be automatically registered
- The solution facilitates a complete audit log, and a historic log on each weapon and / or accessory, as well its current state.
- The system location screens allow you to log weapons individually or in a group for reception, assignment or transfer.
- The solution integrates standard reports, but specific reporting can be set up on request.
- The system allows you to annex weapons to documents, images, photos, videos, and other similar contents for easy access, such as manuals, technical specifications, weapons, ammunition, warranties, etc.
- The solution allows the alert of an unauthorized grouping of armed individuals - via automatic notification via e-mail, SMS, Viber, WhatsApp, ...
- ASPIS has been built on United Nations Standards for ISACS 05.30



ASPISWMS: MANAGEMENT CONSOLE, ASPISCONTROL

ASPISWMS (ASPIS WEAPONS MANAGEMENT) has been specifically designed to control and manage weapons and accessories, with a proven management interface adapted to integrate daily operations with regards to handing out and controlling the distribution of fire arms, according to the **UN ISACS Standards**.



Control and management of weapons are pertinent responsibilities for the logistics services of Armed and Security Forces.

OPERATION OF THE SYSTEM

RFID readers are located at the access and delivery points in the armories. RFID tags are placed on the weapons, and accessories. The system automatically detects each time an item is removed from or returned to the armory and reacts according to the rules configured by the client.

In addition, electronic signatures or biometric readers can be incorporated to confirm the identity of the person who removes or returns a weapon.

The system holds a complete history of the "chain of custody" of all elements and personnel.

Light and sound alarms can be associated with the solution and triggered based on fixed rules: activation in case of unauthorized removal, staff forgot to return a weapon at end of their guard, flagged staff for medical reasons, and many other actions linked to rules set over ASPISPerson.

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