

# Corrections

## Radio Frequency Identification (RFID):

RFID is a powerful technology that is helping Corrections departments improve visibility of inmates and offenders, and safety and security with their processes, assets, and staff. AiRISTA offers RFID products and platforms that individually or collectively address a wide array of functionalities necessary for deploying a cost-effective RFID solution. AiRISTA's RFID technologies deliver a strategic advantage through integration of passive, active and semi-passive RFID technologies into a single "technology-agnostic" approach.

## Real Time Locating System (RTLS):

RTLS (Real Time Locating System) is any wireless technology that can be used to continuously determine and track the real-time location of inmates, offenders and staff. AiRISTA's RTLS platform integrates several popular technologies including RFID, RSSI, TDOA and GPS with two patented location determination technologies to provide one of the leading indoor and outdoor location tracking solutions available in today's marketplace.

## GPS Locating & Security Monitoring:

Additional security enhancement technology add-ons, such as GPS tracking/locating, can be easily incorporated with any of AiRISTA's Corrections solutions.

AiRISTA develops and delivers a wide range of turn-key solutions incorporating RFID, RTLS, GPS and related technologies that enables real-time management of mobile personnel, assets and resources to government and commercial clients. With our robust and comprehensive Track and Trace solutions, clients realize a reduction in resources, cost and errors while benefiting from increased efficiencies, productivity, safety and revenues.



## ((AiRISTA Corrections Solutions))

Inmate population in prisons and jails around the country continue to increase at a rapid pace. The consequences of this rapid growth are increased security issues, overcrowding, and overall management of prisoner information. AiRISTA solutions for Corrections increases real-time visibility of inmates, security and safety for correction staff, and provides authorities with a bird's eye view of offenders released to the outside world under special conditions.

Using RFID, RTLS and GPS technologies, AiRISTA delivers information not previously available, namely, verifiable and accurate record of an inmates' and offenders' real-time and historical movements 24-hours a day, 7-days a week, 365-days a year.

If adopted, AiRISTA's solutions can enhance the safety of the correctional staff and inmates, increase the overall security within the correctional facilities and improve the operations yielding significant cost savings.



## ((Features of AiRISTA Technologies))

- Offender location, tracking & customized/emergency notifications for staff and/or victims outside facilities
- Location, tracking and customized notifications regarding correction staff in the facility, vehicle, or mobile
- Track and locate inmate transportation vehicles and ensure accountability and identification of inmates being transported
- Facility restriction and authorized access whether inmate, staff, visitors or guests (i.e. ONLY authorized persons have authorized access or permissions)
- Integration with existing enterprise/legacy systems

## ((How it Works))

Utilizing RF identification badges, bracelets and tags, with or without the enhancement of GPS chipsets or devices, the status of the safety, security and whereabouts of staff, inmates, offenders, and assets can be easily be known in "real time". Whether it is the assurance that specified inmates are not in close proximity to one another, staff is secure and safe, inmate transportation vehicles are following correct routes, and "released" offenders are following schedules and within predefined locations; AiRISTA has the expertise and the technologies that meet your needs and budget.

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### ((Solutions to Meet Enforcement Requirements))

#### Home Detention:

With its mature solutions for house arrest, AiRISTA has addressed significant challenge of monitoring and locating offenders in real time. Fully integrated with AiRISTA's scheduling and Business Rule Engine (BRE), authorities are provided with the flexibility of setting up specific schedules for each offender and receiving immediate notification upon violations.

- Active RFID ankle/wrist bracelet - tamper detection and notification
- Home Monitoring Unit (HMU) detects offender presence within provisioned range

#### Offender Surveillance:

Using active GPS locating and tracking via cellular, satellite or other wireless communication protocols, AiRISTA provides law enforcement a real time view offender activity via secure URL.

- Create and define multiple inclusion and/or exclusion zones where the offender is or is not allowed to travel
- Agency alerts for zone intrusion (in and out)
- Monitor GPS device battery power and signal
- SMS text message warning/notification to offender regarding compliancy with the terms of EM schedule
- Seamless integration with active GPS location, tracking, notifications and zone creations
- Two-piece version allows for voice communication

#### Domestic Violence Deterrent:

AiRISTA's solutions for Domestic Violence Deterrence relies on GPS devices to monitor offenders and allows for warning victims by various devices including cell phones in case of the offender entering a provisioned proximity.

- Fully integrated with AiRISTA's scheduling and BRE platforms
- GPS device monitors offender
- Warn victim via various devices including cell phones

#### Inmate Location Tracking:

The corrections profession is beginning to fully recognize that effective inmate management equals increased staff safety. AiRISTA's solution for inmate tracking enables the continuous monitoring of the location of individual staff and inmates within the physical boundaries of a prison.

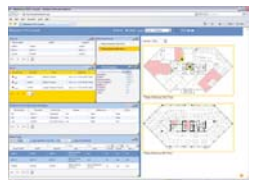
- RTLS and GPS technologies
- Real-time information
- Data is archived and retrievable enabling scenario reconstruction and investigative follow-up

#### Transport Tracking:

AiRISTA uses RTLS and GPS technologies to automatically track vehicle locations in real time with seamless coverage anywhere anytime.

Managed and accessed from any secure web-enabled device

- Satellite-based GPS and cellular communication—vehicle visibility with integrated Satellite Remote Sensing Interface (RSI) device
- Real-time detailed route activity—map or satellite view with route history, replay
- Extensive report generation
- Immediate alerts/notification of rule violation(s)



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