



Active RFID Narcotics Monitoring System

The Site-Secure wireless identification asset management system is one of the most comprehensive RFID solutions on the market. To meet Health organizations and Police requirements on the handling of Narcotics by Paramedics, Site-Secure introduces the NARCOTICS MONITORING MODULE. Active RFID tags are attached to the Paramedics narcotics pouches to track in real time issuances and returns.

The Site-Secure Narcotics Monitoring Module will assist in reducing asset losses and meet compliance standards.

YOU LEAVE NO ONE BEHIND

We Leave NOTHING Behind



FEATURES

Long lasting and robust tags.

Monitoring of issuances and returns.

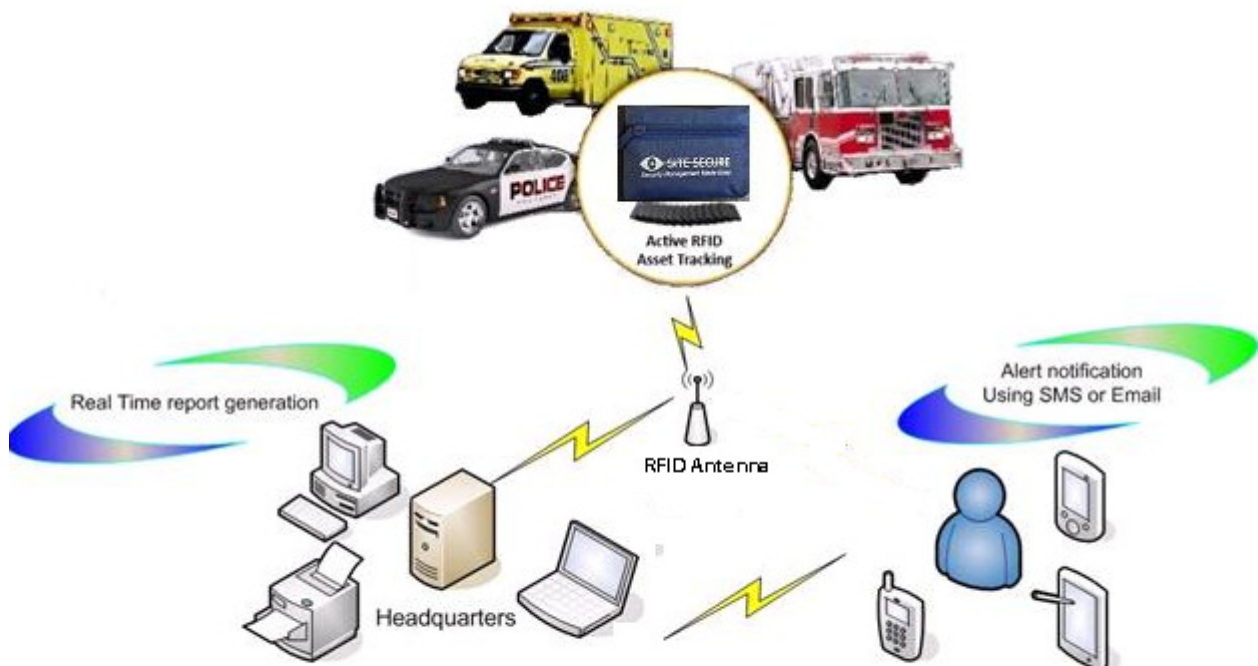
Alert notification of any narcotics pouches not returned or late returns.

SMS / Email notifications

Instant muster reporting of all narcotics pouches.

Alert annunciation of Narcotics pouches at various employee exit point to help ensure employees do not accidentally leave with their pouches

Complete integration to Site-Secure Asset Tracking and Preventative Maintenance



VISUAL DISPLAY INDICATORS

The system will visually alert you by displaying the grid data in distinct colors permitting quick identification of the status of each piece of equipment.

SITE-SECURE - SECURITY MANAGEMENT MADE EASY Welcome **Larry Tourville!** [Log Out]

Reports Actions Tools Help Close

Data entry view **Grid View** Audit Log

View [View all]

#	Item Number	Barcode	Item Description	Last Name	First Name	Date issued	Expect. return date	Date Returned
Select	41	00001370	Narcotics Pouch	Alfredson	Daniel			7/4/2016 12:00 AM
Select	40	00001371	Narcotics Pouch	Gordon	Scott	7/4/2016 12:00 AM	7/4/2016 12:00 AM	
Select	39	000012E6	Narcotics Pouch	Thomas	Normand			7/4/2016 12:00 AM
Select	38	00001369	Narcotics Pouch	Rollin	Martin		7/4/2016 12:00 AM	
Select	37	0000136F	Narcotics Pouch	Carpenter	Keith			7/4/2016 12:00 AM
Select	36	00001372	Narcotics Pouch	Palerson	Martin			7/4/2016 12:00 AM
Select	35	000012DB	Narcotics Pouch	Leger	Marcel			7/4/2016 12:00 AM
Select	34	00001365	Narcotics Pouch	Tourville	Larry			7/4/2016 12:00 AM

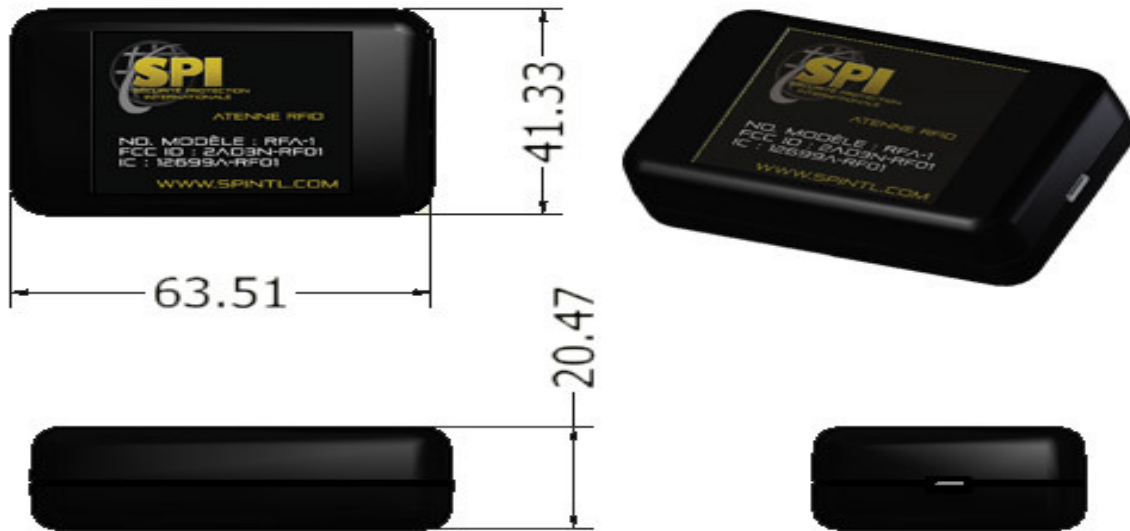
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- **Green** indicates the equipment is present.
- **Red** indicates the equipment is missing

MECHANICAL AND ELECTRICAL SPECIFICATIONS OF RFA-1 ANTENNA / RECEIVER

- Operating voltage: 5VDC from USB
- Current consumption: 14mA
- Fixed gain, omnidirectional antenna
- USB connector type: Micro B female
- Cable required: A Male to Micro B Male, up to 3 meters
- Dimensions: see Figure 2

RFA-1 (ANTENNA / RECEIVER) DIMENSIONS (MM)



RFT-1 ACTIVE TAG

The RFT-1 operates in the worldwide 2.45 GHz ISM band, and is mainly used in real-time asset and personnel tracking applications. The RFT-1 is different from other active tag technologies in that it emits two distinct beacon messages. One is the main beacon signal, which is very short and minimalistic in its content but more frequent (typically sent every 2 seconds). This message only contains the exclusive 32-bit identifier and an extra byte to define the asset's type. Then, there is an extended message that contains more detailed but less time-critical information (sent every 60 seconds), such as battery level, the next maintenance date due for the asset, and optionally, the tamper detection of the devices. Keeping the frequent messages as short as possible has the advantage of maximizing the battery life.

Its robust and compact design allows installation on virtually any type of asset, including medical and industrial equipment, on metal surfaces, liquid containers, even soft pouches.

With an ingress protection of IP65, it can be used indoors and outdoors, over a wide temperature range, and harsh conditions.

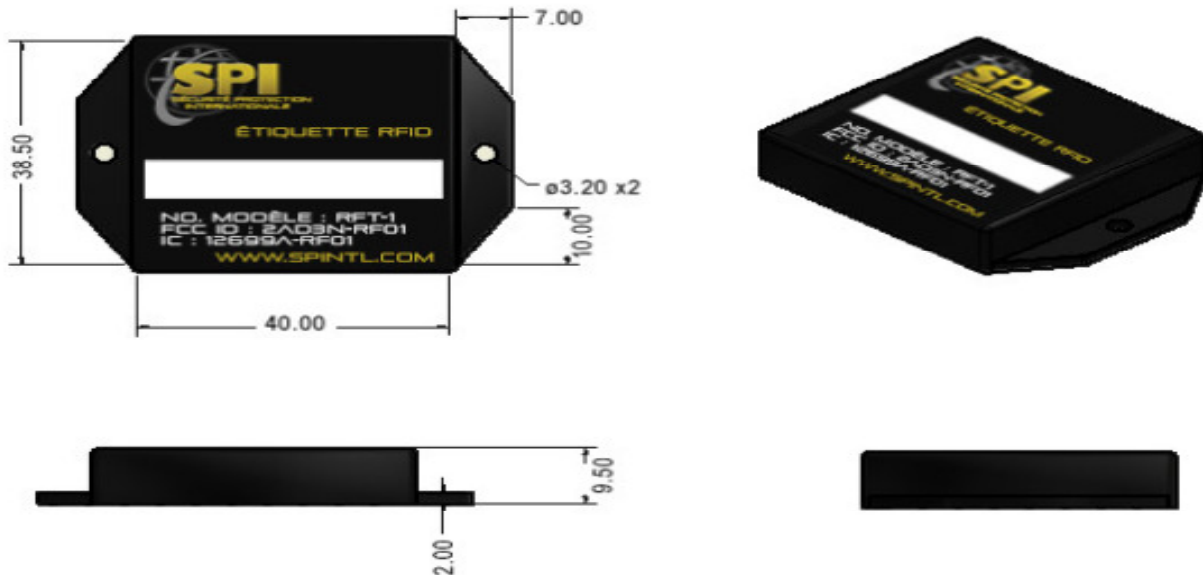
The RFT-1 is therefore an ideal tag for all valuable assets, in any service vehicle.

Another distinctive and patented feature is the hibernation mode, where the RFT-1 is completely muted from a RF standpoint, and can only be awakened using a very specific combination of magnetic field along with a proprietary RF signature. This has two main advantages. It sets the device in an ultra-low power mode, thus preserving battery, and allows safe aircraft transportation.

MECHANICAL AND ELECTRICAL SPECIFICATIONS OF TAGS

- Adjustable detection range from 10 à 100 meters in ideal open-air, line-of-sight environment
- Lithium coin battery providing a 5 year lifetime
- Operating temperature range from -20 °C to +85 °C. Optionally down to -40 °C.
- Programmable beacon rate from 0.5s to 60s

- Extended message every 10 seconds
- Programmable transmission power level: 0, -6, -12 and -18dBm
- Optional sensors available: motion, light and temperature (+/-2 °C precision)
- Alert message upon motion or light detection
- Hibernation feature for ultra-low battery consumption and RF muting for aircraft transportation
- Compact format with two options: with mounting flanges or without mounting flanges for minimal footprint
- High tolerance to impacts, vibrations and chemical agents
- IP65 rating for hermeticity to fine dust and pressurized water jets up to 30kPa
- Flexibility of the “Type” byte in the beacon message to be assigned to any other user-specific functionality
- RF air transmission rate of 1 Mbps for low collision probability
- Self-diagnostics of the RFT-1 and alert sent if problems detected
- Possibility to query information and internal status on demand, using the RFP-1
- Tags are read using the RFA-1 or the RFA-2 (see below)
- FCC and Industry Canada certified
- Dimensions: see Figure 1



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