



## Personnel - Facility Security

# On-Demand Visibility for Personnel and Guest Monitoring and Security

### Solution Benefits:

- Wirelessly monitor and track the access and movement of individuals within a campus or office park
- Silent and secure architecture for classified applications
- Based on ISO/IEC 18000-6: 2010 and EPC global C1G2 standards
- On-demand information for real-time decision making
- Easy to deploy and integrate with existing networks, access control and GPS systems
- Integrates with asset management systems to ensure proper matching of personnel with the appropriate goods and materials to improve security and efficiency
- Secure, hands free access for hospitals, laboratories, and high traffic areas

The Intellex Solution for Personnel and Guest Monitoring provides on-demand visibility about individuals entering and exiting and their location within facilities. With Intellex XC3 Technology™, you can easily and cost-effectively monitor employees and guests and ensure successful and safe operations.

### The Need for On-Demand Visibility

Governments and businesses are challenged with improving security within their facilities to protect employees and guests. Legacy access control systems may be sufficient for short-range admittance control to a building or location but provide no information about the status or location of an individual after they've entered the facility. This presents a logistics management and employee and visitor safety challenge in the event of an emergency.

### The Challenge

From buildings to office parks, hospitals, schools and campuses, managing the flow of personnel, students, patients and guests is critical to ensure the safety and the security of your facilities and operations.

Traditional access control systems provide only limited information about the location of individuals. They are typically controlled via close-range badge systems which require individuals to "swipe" themselves in at entry points and lack the ability to track multiple people at the same time and monitor "tail-gating."

In the event of an evacuation or emergency, it's essential to know that everyone is safe and accounted for outside of the facility. It's also important to ensure that people are at the right location at the right time.

In many hospital, clinical or high traffic environments, hands free access is also important. It may be difficult, inefficient or unsanitary to have employees manually opening doors or physically swiping card keys or badges.

It's also essential to manage any special interests or needs guests may have to ensure quality service.

## The Solution

Intelleflex solutions help ensure the security and safety of your buildings, facilities, personnel and guests. We combine the power of our Extended Capability RFID™ system with your existing systems to wirelessly monitor, detect and track employee, visitor, and customer location on-demand, enabling real-time decision making and control.

Intelleflex readers located at key entry and exit points throughout a facility, provide an automated and hands-free way for individuals to enter and leave an area. Intelleflex tags can be read through pockets, jackets, packages, even cars, at distances up to 100 meters. This provides the ability to quickly and accurately determine the identification and location of individuals in the event of an emergency and ensure they are properly evacuated and accounted for.

Intelleflex offers a silent and secure architecture, suitable for even the most top secret areas. With our reader-talk-first format, tags remain silent until they are requested by the reader to transmit. Wireless transmission between reader and tags can be encrypted via activation and cover codes, as well as user and block memory access. Optional AES encryption for mutual tag/reader authentication provides unparalleled security in the access control market.

Intelleflex solutions can be easily integrated with your existing security systems and networks. Intelleflex readers, antennas and tags work with motion detection systems to provide a robust solution to identify the presence and location of unauthorized personnel or guests. For vehicle access applications, the driver and all passengers can be wirelessly checked-in without leaving the car.

The Intelleflex solution also provides hands free access for authorized personnel. This is invaluable in hospitals, lab and high traffic environments where it may be difficult or unsanitary to manually open doors but where security remains an important consideration.

Intelleflex solutions are designed for the most demanding indoor and outdoor environments. Tags can be automatically and reliably be read at distances of 100 meters or more, under clothing and in pockets, and in RF challenging environments. Intelleflex tags are cost-effective and have a battery life up to four years. Badge tags also feature onboard memory providing the ability to store information about the person such as name, a photograph, and their personal history.

## XC3 Technology

Intelleflex solutions are enabled by Intelleflex XC3 Technology, allowing us to deliver the capability of active RFID-based solutions at a fraction of the cost.

- ISO/IEC 18000-6:2010 and EPC Global C1G2 standards-based
- Deliver read ranges in excess of 100 meters
- Easily read tags and monitor status and locations of individuals and groups
- Operate seamlessly in RF unfriendly environments around clothing, metals and liquids
- Tags include on-board memory for tracking and storing information about the person with multiple levels of security
- Intelleflex offers handheld and fixed readers, multiple form factor tags and antennas, as well as starter kits for piloting projects

## Intelleflex Products Related to this Solution

- HMR-9090 Handheld and FMR-6000 Fixed Readers and Antennas
- BAT-8300 Badge Tag

## For More Information

To learn more please visit our website or contact us directly. We look forward to hearing from you.

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