

# Infant Monitoring and Patient Security



## Ensuring Infant and Patient Security

Health care providers are challenged with improving security within their facilities to protect newborns, patients and personnel. Legacy access control systems cannot monitor the status or location of an individual within the facility and other infant, personnel and asset monitoring solutions are based on proprietary technologies that don't integrate well with other healthcare systems and are expensive to deploy and maintain. Further, due to the cost of these systems, deployments are usually limited in scope or involve a mix of multiple vendors' incompatible systems.

The Intelleflex solution for infant, patient and personnel monitoring provides the highest level of monitoring and security. It is based on new industry standards that ensure your investment is protected and enables the exchange of data with other healthcare systems. Features include:

- **Perimeter Security:** The ability to monitor the entrance or exit of a facility as well as restricted or public areas, the location of the individual within facilities, and their location history.
- **Comfortable and Easy to Use Tags:** Small and comfortable tags for both infants and mothers. The tags are easy to use and automatically enroll with the system when attached.
- **Continuous Monitoring Using Smart Tag Technology:** The infant tag incorporates sensors to ensure the tag is only removed by authorized personnel. Unauthorized removal or tampering will alert the system which can notify the appropriate hospital personal and implement other security measures.
- **Automatic Pairing** of mother and infant tags to ensure each baby is matched correctly with their mother.
- **Robust Wireless Performance:** The tags and readers communicate using a robust wireless interface that incorporates sophisticated security measures.
- **Fixed and Mobile Readers:** The system works with both fixed and mobile readers that enable multiple scenarios for infant, patient and asset monitoring.

With Intelleflex XC3 Technology™, you can easily and cost-effectively monitor and track newborns, mothers, staff, and other patients to ensure successful and safe operations at hospitals, clinics and other health care facilities.

## Solution Benefits

- Wirelessly monitor and track access and movement of infants, patients and personnel within a facility
- Secure, tamper proof tags to prevent unauthorized removal from the infant
- Ability to notify and alert appropriate personnel when alarm events occur.
- Non-intrusive wireless architecture for hospital environments
- On-Tags memory for storing information about the infant with multiple levels of security
- ISO/IEC 18000-6:2010 and EPC Global C1G2 Standards-based for interoperability and cost-effectiveness
- On-demand information enabling real time decision making and security control
- Easy to deploy and integrate with existing networks and access control

## The Intelleflex Solution

The Intelleflex solution for Infant Monitoring and Patient Security provides a comprehensive approach for ensuring the safety of newborns, mothers and hospital personnel.

- **Tamper proof strap with cut-band technology**  
If a strap is cut or tampered with, an alarm can be triggered to notify appropriate personnel and secure doors and exits.
- **Baby and child friendly straps and tags**  
Soft and comfortable strap, combined with lightweight, hypo-allergenic, latex free, water resistant, easy-to-clean reusable tags.
- **Automatic enrollment**  
Tag is activated when it is applied to the infant for instant protection.
- **Constant monitoring**  
Readers can monitor tags at programmable intervals under software control and based on the current security conditions.
- **Unique, secure ID code**  
Each tag has a unique ID code and authentication to prevent cloning and “tail gating” through exits.
- **Multiple levels of protection**  
An infant tag can sense the infants temperature, detect if it is removed from an infant, if it is tampered with or loose, or if an infant is near an exit to generate an alarm.
- **Mother and baby matching system**  
Simple and easy-to-view LEDs to indicate mother and infant matching without requiring additional hardware devices. Supports multiple births and rooms with multiple beds.
- **On-tag Memory**  
For securely storing information about the patient identity and history.
- **Exceptional range**  
Intelleflex tags can be read at 100m and operate reliably in RF-unfriendly environments around clothing, metals and liquids.



**Intelleflex Infant Monitoring Tag**



### For More Information

Please visit our website or contact us directly. We look forward to hearing from you.

[www.intelleflex.com](http://www.intelleflex.com)  
+1 408 200 6500  
[info@intelleflex.com](mailto:info@intelleflex.com)