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## Overview

Hidonix is introducing two new devices that expand our real-time tracking ecosystem: the **Smart Wearable Bracelet** and the **Smart Tracking Badge Case**. Both products are built on a shared architecture, designed to provide continuous positional awareness and improved safety across hospitals, industrial sites, and other high-movement environments. The devices differ in form factor, but they operate on the same foundation of sensing, communication, and data intelligence, powered by the HEC (Hidonix Embedded Computer).

### Smart Wearable Bracelet

The Smart Wearable Bracelet is designed for environments where uninterrupted monitoring matters. It is compact, durable, and comfortable enough for long-term daily use. The device integrates motion and environmental sensing to provide precise, real-time location data within complex indoor spaces.

A secure locking mechanism ensures the bracelet stays in place when required, supporting use cases such as patient safety, staff protection, and regulated-access scenarios. Its exterior geometry is optimized for stability and ease of use, and includes simple visual indicators for status and alerts.

### Smart Tracking Badge Case

The Smart Tracking Badge Case brings the same sensing and communication capabilities into a slim, ID-card-compatible form factor. Instead of replacing existing credentials, it functions as a holder that users can insert their regular work badge into, ensuring seamless integration with current access and identification workflows.

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Its lightweight, rigid structure maintains stable readings during movement while remaining unobtrusive for all-day wear. The badge case enables continuous positional awareness without requiring any changes to user habits, equipment, or facility processes.

### **Unified System Behavior**

Both devices operate within the larger ION tracking platform. They communicate through a shared ecosystem that transforms motion and environmental data into meaningful insights for safety, efficiency, and real-time decision making.

Because they share a common architecture, updates, improvements, and new features extend across the entire product family, ensuring consistency and long-term scalability.

### **Purpose**

The Smart Wearable Bracelet and Smart Tracking Badge Case are designed to enhance visibility in high-activity environments. They provide organizations with reliable, real-time awareness of people and operations, supporting safety protocols, response workflows, and overall operational clarity.