

SEEBEHIND™ SENTINEL

WEARABLE NON-CAMERA REAR & PERIPHERAL SITUATIONAL AWARENESS

SeeBehind Technologies LLC | Patent-Pending Technology

CAPABILITY OVERVIEW

SeeBehind is a patent-pending, non-camera wearable situational-awareness technology designed to extend awareness into rear and peripheral blind areas while helping the wearer remain focused on what is in front.

Developed and demonstrated. The core SeeBehind technology has been developed and demonstrated through a functional prototype. The next-stage objective is to engineer, build, ruggedize, integrate, test and validate the complete **SeeBehind Sentinel** tactical system.

OPERATIONAL PROBLEM

Personnel naturally concentrate on what is in front of them, creating rear and peripheral awareness gaps. Camera- or screen-dependent solutions can require additional visual attention. SeeBehind is designed to provide discreet directional awareness without requiring the wearer to continuously monitor another display.

SEEBEHIND APPROACH

- Rear and peripheral non-camera sensing
- Local onboard electronic processing
- Directional haptic alerts as the primary warning interface
- Wearer-relative LEFT / RIGHT / REAR awareness
- Optional secondary display or confirmation interface
- Privacy-oriented architecture that does not depend on continuous camera imagery
- Platform potential across vests, helmets, eyewear, earbuds and other wearable form factors

DEMONSTRATED FOUNDATION

The functional prototype has demonstrated non-camera movement detection, local electronic processing, haptic warning capability and multi-sensor configurations supporting directional awareness. Prototype results are developmental test evidence and are not represented as military qualification or guaranteed final Sentinel performance.

NEXT-STAGE SENTINEL OBJECTIVE

- Advanced compact FMCW/mmWave sensing
- Production-oriented custom electronics and power architecture
- Improved range, angle, motion and closing-velocity analysis
- Edge intelligence, filtering, confidence and prioritization
- High-force directional haptic interface
- Ruggedized wearable housing and integration
- System-level testing, validation and mission-specific configuration

TARGET MARKETS & APPLICATIONS

Military & Defense: dismounted personnel awareness and tactical wearable integration.
Law Enforcement & Public Safety: officer, first-responder and perimeter awareness.
Industrial Safety: discreet awareness around vehicles, machinery and blind areas.
Accessibility: non-visual directional awareness interfaces.
Smart Wearables: integration pathways for helmets, vests, eyewear, earbuds and related form factors.

ENGAGEMENT

SeeBehind Technologies is seeking technology evaluation, demonstrations, government and defense engagement, strategic partnerships, licensing, integration pathways, funded development and strategic investment.

CONFIDENTIALITY

This public capability statement intentionally omits protected engineering details, including detailed sensor architecture, algorithms, electronics, PCB design, wiring and other implementation specifics. Technical reviews can be conducted through an appropriate confidential process.

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Patent	Patent pending

Know More. React Faster. Stay Ahead. | Awareness Without Distraction.