



SAFETECH  
SOLUTIONS  
YOU WORK, WE CARE

# HIT-NOT<sup>®</sup> Proximity Detection

## Total Facility Solution



***Detect and Protect.*** HIT-NOT is engineered to detect and protect people, mobile equipment, and structures in industrial environments.

***Proven reliable through years of global deployment of 40,000 plus Generators and PADs.***

**Engineered**  
For seamless Integration  
and Intuitive operation

**Exceptional**  
Patented Pulsed Magnetic  
Field Technology

**Expandable**  
Designed to handle unique  
operational situations

**Detect and Protect.** HIT-NOT has been specifically engineered to detect and protect people, mobile equipment, and structures in industrial environments.

## **Engineered**

HIT-NOT's Patented Technology includes:

- Designed to be effective in industrial environments without repeated calibrations.
- Clear audible and visual warnings to both operator and pedestrian.
- Precise boundaries between safe and unsafe zones from the factory, no calibration required.
- Ranges of Danger-Warning Zone is easily adjustable by end user.
- Compact packaging for easy integration into all types of mobile equipment, or for integration into personnel's existing PPE.
- Full 360-degree coverage with only one device mounted on truck.
- Alert structure easy to comprehend, with clear signals for warning and danger.
- Not specific to vehicle manufacturer, works on all types of mobile equipment.
- Simple wiring for truck system installation, auxiliary units plug into standard wall outlets.
- On Personal Alarm Devices (PADs); pull the battery tab, charge, and go.



Basic System Components: Magnetic Field Generator / Warning Module with REM / Cab Silencer

***Proven reliable through years of global deployment of 40,000 plus Generators and PADs.***

### **Failsafe Technology:**

- Before a decision is made that a PAD or CAM is entering or exiting a safety zone, it will be confirmed multiple times.
- MFGs have an independent relay that turns on the Alarms if the electronics loses internal power or otherwise ceases to work properly.
- PADs provide a positive indication if their processor determines that they are working properly.
- If a PAD battery charge is low, and that PAD enters the warning zone or danger zone of a MFG or a MAC, the MFG or MAC alarms will be set off until the PAD is removed from their zones.
- HIT-NOT® recommends and offers additional products to quickly test functionality of its devices on a daily basis.

# ← Exceptional

## HIT-NOT's Advanced Engineering includes:

- Pulsed low frequency magnetic fields:
- Penetrates / sees through walls, structures and other objects
- No Multi-Path / Reflections
- Has a **precise** signal strength within an extended range.
- Encircles the equipment 360° with Precise boundaries
- The active system design eliminates nuisance alarms.

### **Reliability:**

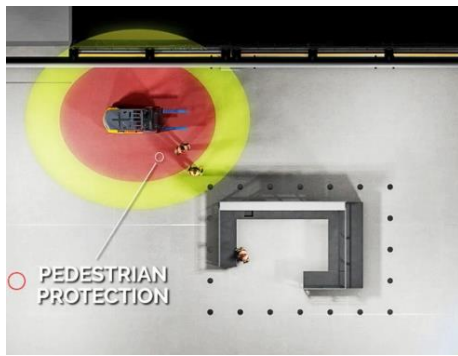
- Originally developed as the HazardAvert system in 2005 for underground mining..
- Operates regardless of the orientation between the PAD and Truck.
- 100% of all Personal Alarm Devices (PADs) and Magnetic Field Generators (MFGs) are functionally tested before shipment.
- Pedestrian Alerts have priority over Collision Avoidance.
- Any number of PADs can be used within a facility with no conflict. Each pedestrian will be individually warned about any threat to themselves, as if no other PADs were in the facility.
- Multiple vehicles can be operated within a work area without conflict. However, if more than five fork trucks are within 50 feet of a PAD, warnings on the fork truck operators may begin to delay.
- The number of PADs in a Safety zone has no effect on the size and shape of the zone and has no effect on the reaction time of the system.

### **Effectiveness:**

- The Pedestrian receives an audible and visual alarm along with the Driver.
- The Pedestrian alarm differentiates between 2 zones: Warning and Danger.
- XL Generators available for large equipment that projects 70 feet in front and behind for a total of 140 feet.

### **Full Facility Operation:**

- Easily Expandable with many additional Facility Devices such as Silent Zones, Area Controllers, PAD Check Devices.



# Expandable

HIT-NOT solves requirements specific to industries, or unique operational environments, with auxiliary devices designed to function seamlessly with all HIT-NOT components.

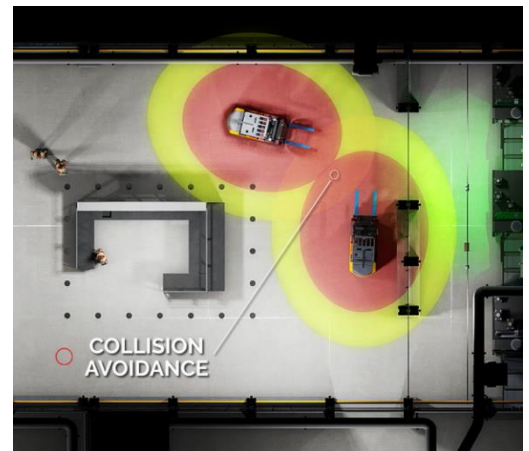
- HIT-NOT provides Access Control through gates and doors, preventing non-HIT-NOT equipped personnel from entering protected areas.
- HIT-NOT provides Area Control for congested areas by sending a signal that can be used with various horn and lights, including strobe and traffic lights.



***HIT-NOT is sufficiently reliable to provide signals to vehicles for slowing the truck.***

No limits on PADs and Generators operating in a facility.

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HIT-NOT maintains the corporate strategy with all components compatible.

Single and Ten Bay Charging stations are available.

HIT-NOT Checkout Stations confirm correct operation of a PAD before shifts begin.

