Discrete Behaviors Tracking And Intelligent Preventive Monitoring For Healthcare Providers

Discrete Behaviors Tracking
- Optimize Care Services and Staffing
- Accurate Real-Time Behaviors Tracking w/o Privacy Concerns
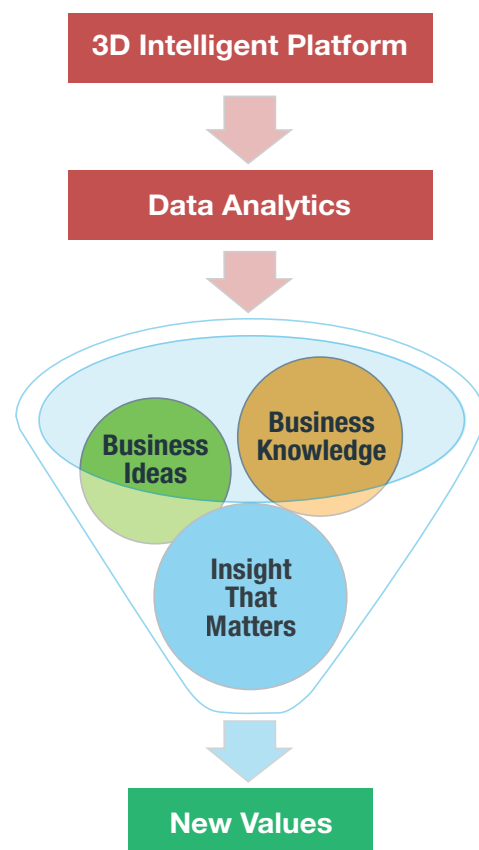
Intelligent Preventive Monitoring
- Improve Care in Private/Public Facilities
- Patient's Routine Monitoring and Preventive Alerting

Additional Offerings from Hitachi:
- Real-Time Edge Analytics Libraries
- Integrated with Business Analytics Platforms
- Professional Support for Customization

Transforming Your Business With Insight That Matters

3D Intelligent Platform

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Data Analytics

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Business Ideas

Business Knowledge

Insight That Matters

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New Values

Discrete Monitoring for Healthcare

The sensor can detect when someone falls or is in a dangerous situation and sends alert information in real time to caretaker personnel.

The sensor can detect deviations from daily routine which can prevent accidents or serious injuries.

Used in connection with ID cards, the sensor can detect when someone without an ID card follows someone with a card and alert security personnel, eliminating intruders or unauthorized persons.

3D-LiDAR (ToF) Motion Sensor Platform

The Hitachi 3D-LiDAR (ToF) Motion Sensor Platform calculates movement and provides data in real time using infrared beam technology. The measurement is based on the time it takes light to travel to the object and back to the sensor, or the "time of flight" (ToF).

Various edge analytics libraries are available for evaluation and customization.

Specifications	
Sensing Distance	2.3 ft. ~ 32.8 ft. (0.7 ~ 10 m)
FOV	H76° x V60°
Pixel Resolution	640 x 480 (10 ~ 30 fps) Transfer data can be set to downsizing
Distance Resolution	X,Y:6 mm, Z:8 mm @ 2 m
Lighting	Infrared IR LD
Size	5.4" x 2.7" x 2.7" 138 x 69 x 69 mm (Excluding projecting parts)
Weight	540 g (Excluding cable)
Interface	Ethernet 100 base-TX (Power is provided by POE+)
Illumination Condition	Under 10,000 Lux (Indoor @ daytime)
Temperature & Humidity Condition	0~45°C (Operable at 50°C) 0~95% (Non-condensing)
Laser Class	Laser class 1
Power Consumption	15W

Specification is for standard model HLS-LFOM1-AOSB701

Robot Operating System (ROS) driver is available

Europe, Middle East and Africa

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