

Halo Beacon

Indoor Lone Worker Solution

The Halo Beacon system is designed to locate distressed or injured persons inside areas where GPS is not reliable and other methods do not provide the required accuracy.

Halo Beacons compliment our range of compatible body-worn hardware to provide granular positioning indoors.

Instantly operational, Halo Beacon locating devices provide years of operating time with their integrated large-capacity battery. Over-the-air configuration facility makes setting up the system easy.

IP67 water-proof housing allows installation in demanding environments.

Compatible Halo personal safety alarm devices report Beacon location information to our alarm receiving centre (ARC) along with last known GPS position, creating a complimentary location system for indoor premises capable of global roaming outdoors.



Lone worker protection

Duty of care requires employers to give lone workers the means to alert for help. Depending on risk assessment, a dedicated alarm device may be required.

- Automatic ManDown function can trigger alert if user is incapacitated.
- When entering a risky situation, request enhanced monitoring with Amber alert.

Attendance monitoring

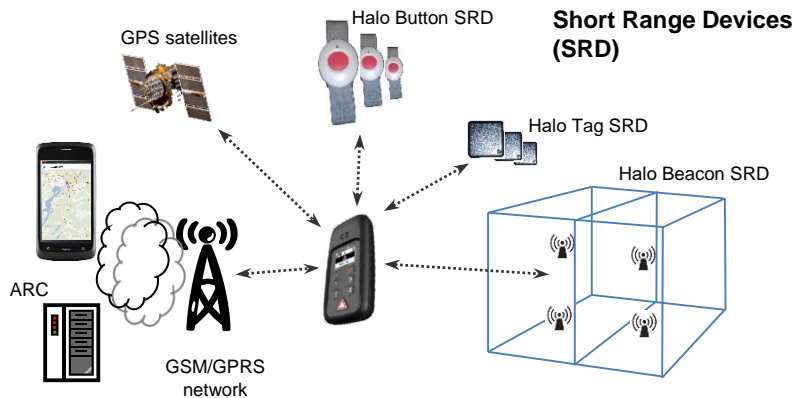
Register attendance by swiping Halo Tag RF identifiers.

Personal protection

Whether VIPs or loved ones, Halo Pro Device improves safety through panicbutton, two-way voice and GPS tracking, in real time.

Telecare

Telecare solutions powered by Halo enable those with long-term care needs to enjoy more independent and active lives. A discreet wireless wrist alarm, Halo Button, and charging station turn the Halo Pro into a home care unit.



Care and control

Short-range RF beacons

- Location determined using Beacon signals
- Complement GPS location indoors

Small, easy and affordable

- Discreet design
- Instantly operational
- Wireless configuration
- Scalable coverage up to 2000 m2 per beacon**
- Add beacons for increased resolution
- No location server system required

Provisioning and security

- Wireless configuration
- TWIG Beacon Configuration Adapter
TWIG Beacon Configurator PC application
- Configuration security

Brief technical specification

- Dimensions: 125 mm x 75 mm x 60 mm
- Weight: 305 g with battery
- Operating temperature -20° C..+50° C
- Power supply alternatives:
Lithium primary battery 19 Ah
- Operating time: 4 years*** (typical, with lithium primary battery)
- Operating frequency: 869,675 MHz
- Transmitting cycle: 4-99 s (adjustable)
- Transmitting power level: -30 dBm - +5 dBm
- Frequency deviation: +/- 5 kHz

Mechanics

- Waterproof (IP67)

ARC integration alternatives

- Display beacon name
- Beacons reference list at ARC

Sales package content

- Halo Beacon
- Integrated lithium primary battery 19 Ah

Options and accessories

- Wireless Configuration Adapter + USB cable
- ATEX compliant beacon
(II 2 G Ex ib IIC T4 Gb,
Zone 1 Category II Gas intrinsically safe
temperature class 4)



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