

Social Distancing and Contact Tracing by Yepzon™



yepzon®

Locating life.

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The world stopped when the COVID-19 Pandemic occurred.

There has been a great deal of uncertainty over the spread of the virus. The response of social distancing has been rapid and is causing disruptions to the workplace, education, and entertainment.

Offices in areas of exposure have shifted to remote work, college campuses to online courses, and entertainment events have been canceled.





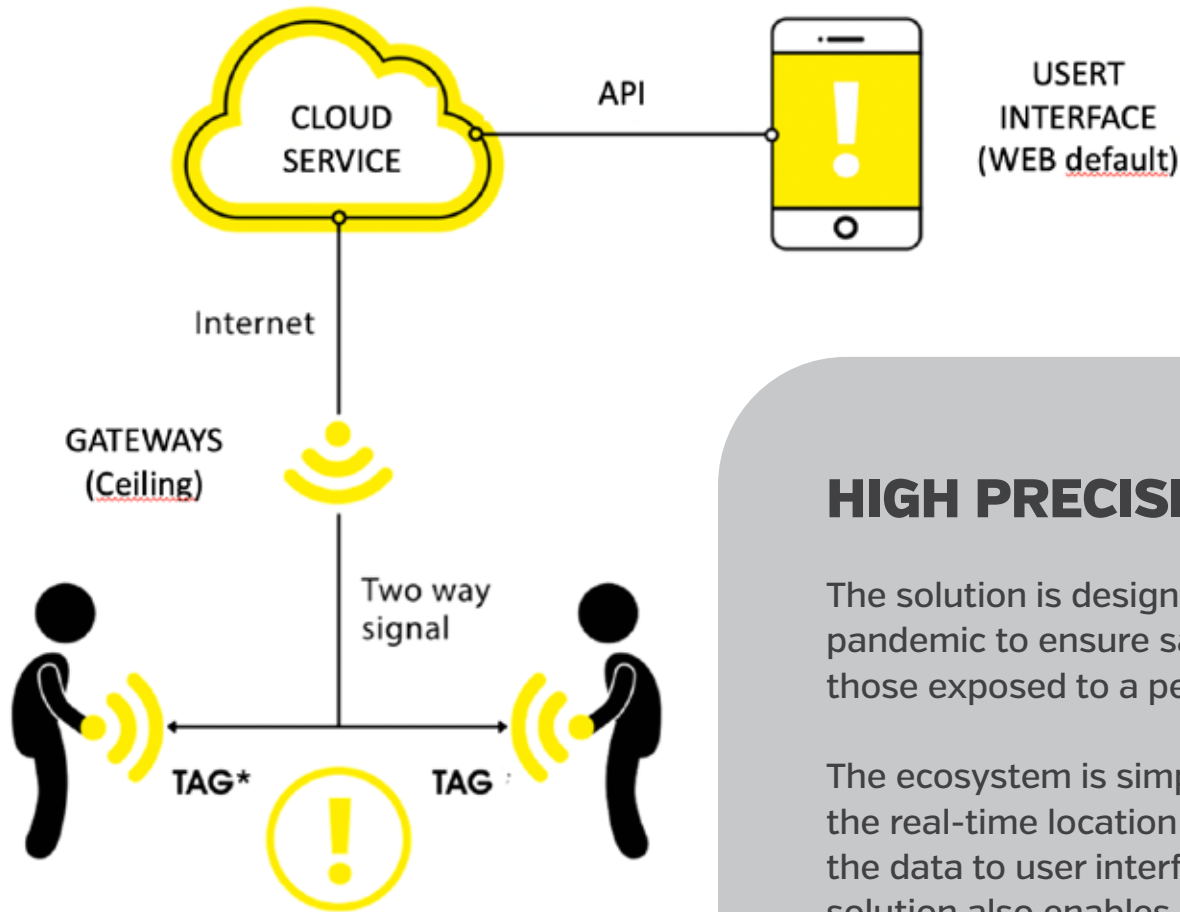
YEPZON *UWB RTLS* SOLUTION ENSURING SOCIAL DISTANCING AND CONTACT TRACING

According to Health experts and Medical society, social distancing and contact tracing is important, because it can slow the virus from spreading, providing a chance to keep the caseload at a more manageable level for care providers.

To ensure safety in the workplace, Yepzon has created a solution to offer:

ADVANCED SOCIAL DISTANCING AND CONTACT TRACING

- Personal alerts when proximity limits breached
- History data of routes and all social distances in area
- Contact tracing based on data



HIGH PRECISION, SIMPLE AND AFFORDABLE

The solution is designed to help companies during the Corona pandemic to ensure safety distances between individuals and to trace those exposed to a person infected.

The ecosystem is simple with ceiling [or outdoor] gateways tracking the real-time location of UWB-tags with 10cm precision and providing the data to user interface. Not only for the Corona pandemic, the solution also enables several value-adding services for companies to add efficiency, increase safety and security and track people or assets around premises.

- Quick to install
- Affordable
- High-precision (10 cm)
- Real-time location data
- History data for contact tracing
- Adjustable features, and distance
- Tracking up to 1000 tags simultaneously
- Easy customization for other use cases
- Privacy Protection (GDPR)
- Made in EU

YEPZON™ UWB GATEWAY

Locate your Yepzon compatible UWB devices with high accuracy and low latency. Yepzon™ UWB Gateway is a compact and easy to install cloud managed positioning beacon. Highly reliable and secure.

- Distance measurement between tag coordinates
- Unlimited tag capacity. Active tag capacity ~900.
- Power of Ethernet [PoE] for easy cabling
- Large area coverage [50-250 m² / 540-2700 ft² per beacon]
- Size: Radius 75 mm [2.95 in], height 70 mm [2,75 in]
- Operating temperature 0 ~50°C [32°F ~122°F]
- Weight: 190 g
- Mounting: With a mounting bracket or a threaded bar [M10]



YEPZON™ UWB TAG

Attach the Yepzon™ UWB Tag to a person or asset to track it with high accuracy and low latency. Its compact and light design allows it to be attached to almost anything.



- Up to 10 cm [3.95 in] accuracy
- Low power usage –typical battery life of 1~5 years
- Replaceable batteries
- Size: 56.5 x 66.7 x 21 mm [2.22 x 2.63 x 0.82 in]
- Operating temperature: 0 ~50°C [32°F ~122°F]
- Weight 34 g [0.079 lb] without batteries
- Battery: 2 replicable LR03 [AAA] batteries

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Yepzon Enterprises is a provider of IoT location and sensor technology solutions. Founded in 2013, the company has a staff of 7 and employs approximately 100 product developers on subcontracts. Yepzon's global, but primarily Finnish ownership is divided between private investors operating in different sectors. Yepzon's IoT solutions bring savings and earnings already to numerous leading industrial, system integration, and operator customers globally such as Valmet, Stora Enso, Telia and Securitas. Yepzon's portfolio also consists of high-precision tracking solution widely scalable in the global Corona pandemic for social distancing and contact tracing.