



PLUS

REAL-TIME LOCATION SYSTEM

The Precision Location Ultra Wideband System (PLUS) is a highly accurate Real-Time Location System (RTLS) that enables enterprises to have precise location information on their people and assets. Using Ultra Wideband (UWB) technology, a PLUS network can provide indoor location information at sub-meter accuracy levels previously unavailable from WiFi or other RTLS technologies.

Using Tags, Readers, Synchronization Distribution Panels (SDPs) and our Location Software, a PLUS network offers a level of precision that provides insight deep into business processes. Whereas barcodes and RFID systems answer the question “what is this”, location systems add the value of “where is it?” – enabling PLUS to deliver the power of “what is happening, right now?”.

FEATURES

- Supports multiple RTLS modes including 0D (proximity mode), 1D (assembly line/hallway configuration), 2D (precision XY location), and 2.5D (precision XY location and floor/zone)
- Can locate tags with sub-meter location accuracy
- Robust network deployment can track thousands of tags
- One-time, persistent calibration
- Battery powered active tags that can transmit multiple times per second
- Indoor through-wall operation
- Time Difference of Arrival (TDOA) based position calculation
- Time of Arrival (TOA) raw data available via Ethernet interface
- Mounted infrastructure of readers
- Power, data, and timing synchronization provided to reader network using Ethernet cable (CAT5E shielded)
- Region 1 product available for the US and countries with regulatory limits similar to US
- Region 2 product available for the EU and countries with regulatory limits similar to the EU

FOR MORE INFORMATION



Cummings Research Park
4955 Corporate Dr. Suite 101
Huntsville, Alabama 35805

1.256.217.4072 phone
1.256.217.4775 fax
www.plus-ls.com