

## **1101 Tag Product Description**

The 1101 Vertical Asset Tag is a small, active RFID tag that works as part of a PLUS Real Time Location System. The tag consists of a circuit board with integrated antenna, coin cell battery, and plastic enclosure. The enclosure may be opened to enable replacement of the coin cell battery. The tag is designed to be mounted vertically on the asset to be tracked.

The 1101 Tag periodically transmits a short (~100 us) packet that is received by a network of PLUS Readers. The Readers generate time of arrival data for the tag, and then send this data across an Ethernet network to a server running the PLUS Location Software. The PLUS software uses the time of arrival from multiple readers to determine an accurate location for the tag.