

Smart INDUSTRY

Smart COLD CHAIN TRACKING Solutions

Cold chain tracking solutions maintain a temperature-controlled supply chain environment. It is used to preserve and extend the shelf of

life of products for temperature sensitive goods such as fresh agricultural produce, seafood, chemicals and pharmaceutical products.

Featured Development Kits

1. **453-00010-K1:** Pinnacle 100 Development Board with integrated antenna
2. **453-00011-K1:** Pinnacle 100 Development Board with external antenna

Featured Wireless Radios, Sensors, Antenna

1. **453-00010:** LTE-M/NB-IoT Cellular Modem, Bluetooth 5 radio + NFC tag
 - a. **Cellular:** Sierra HL7800 (Altair Semiconductor ALT1250)
 - b. **Bluetooth:** Nordic Semiconductor nRF52840
2. **BME680:** Gas sensor measuring relative humidity, barometric pressure, ambient temperature and gas (VOC).
3. **BME280:** Humidity sensor measuring relative humidity, barometric pressure and ambient temperature

The pinnacle 100 modem is also available in a gateway form factor **450-00039-K1**. The Sentrius MG100 Gateway captures data from Bluetooth 5 sensors and sends it to the cloud via a global low power cellular (LTE-M/NB-IoT) connection

Click on the Following Links for More Information:

1. **How to Get Started Guide**
2. **How to Get Started Video**
3. **AT Command Guide**
4. **Application Notes:** Finding GPS Location with the Pinnacle 100



[Click Here to Test Drive a Convergia SIM Card](#)



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