eVantage **GPS**

Track assets in large outdoor facilities to <15m accuracy using GPS with cellular or LoRa backhaul
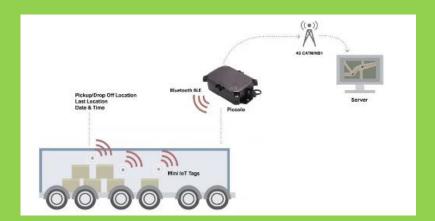

Using Codegate's eVantage eVantage GPS software you can track outdoor assets across any size of facility, form small yards to big construction sites and busy ports. Codegate partners with Wireless Links to provide GPS trackers with extended battery life and solar assistance, suitable for large tools, machinery, stillages and containers.

GPS or LoRa backhaul

GPS Trackers communicate back over the cellular network or using LoRa. Cellular requires a SIM per tracker and will work almost anywhere whereas LoRa trackers are SIM free but require a single LoRa gateway per site, meaning a one-point network / web connection to downstream systems.

Easy integration with Lime asset tracking software…

Codegate's eVantage GPS trackers will forward directly to Lime asset tracking middleware. The data can be blended seamlessly with that provided by other automated tracking technologies such as passive UHF RFID, BLE and UWB and forwarded to downstream enterprise systems. LoRa or Cellular backhaul options are available to get the data back to the Lime servers.

- No base station purchase required for GPS, data SIM needed per tracker.
- Only one LoRa base station should be needed to cover most sites and buildings.
- Battery lifetime typically 2 – 5 years depending on configuration and environment.
- Automatic location/GPS, date and time stamp applied to every last-seen asset.
- Accuracy <15m typical depending on satellite system and availability.
- Operating temperature of trackers -20^0 to 60^0 C
- GPS Tracker dimensions vary according to model, typically 122mm x 72mm x 33mm

Cellular or
LoRa backhaul

Downstream
Enterprise
System

About Lime…

Lime is middleware to connect assets in the real world with enterprise systems in the digital world. It can also be used stand-alone, allowing clients to develop an asset tracking solution in manageable stages before committing to full integration. It has a companion mobile app, Asset Inventory, to help manually locate assets in areas where it is not practical or cost effective to install fully automated readers.