

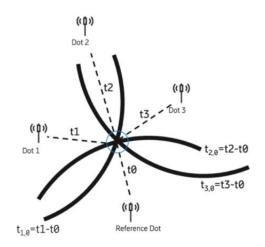


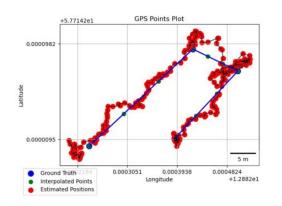
## Revolution – Precise Indoor Positioning

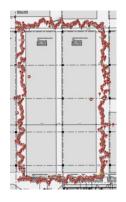
3

An Ericsson Enterprise 5G feature that revolutionizes manufacturing customer ROI

- Enables precise location tracking for devices attached to the Ericsson Private 5G network
- Device-agnostic—works for all devices
- It's based on multi-lateration positioning in which the Radio Dot System measures the relative time of arrival of 5G uplink signals to multiple radio dots









Successfully tested in harsh RF environments with industrial customers; location precision of ~1m

## Network Locations for Positioning

More Coverage. More Mobility. More Reliability.



Device



Radio Dot



Indoor Radio Unit (IRU)



Baseband



Controller



Network Location
Service







## Accuracy is dependent on:

- Bandwidth (100 MHz en-bloc is fine),
- Device Speed
- Number of dots receiving signals form the device (3 as a minimum)
- Accurate Position of radio dot in the Network Location Service database





**Questions and Answers** ericsson.com/manufacturing