



Medium voltage distribution lines

Pole top transformer

Telecom corridor - cable and telco

Industrial UPS for cable backup

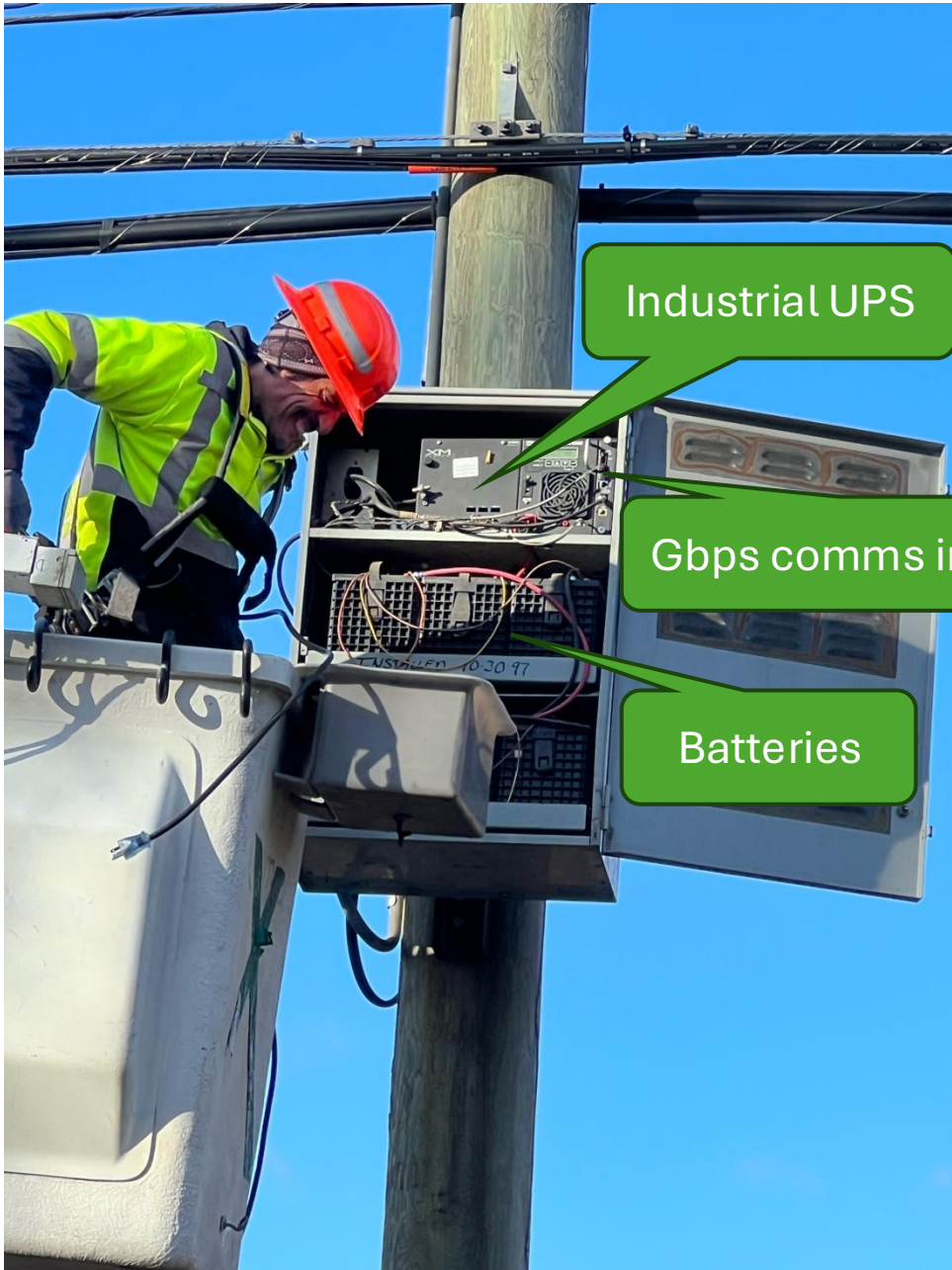
Cable field tech and bucket truck

- High fidelity
(12+ bit sampled 10,000/sec)
- GPS time synchronized
(0.5 microseconds)
- 650,000 UPS potential hosts in US
- 15-minute broadband tech install
- Security-by-design
- 4+ hour ride through
- Continuous low latency data stream



As described in [IEEE PES TR-127](#)

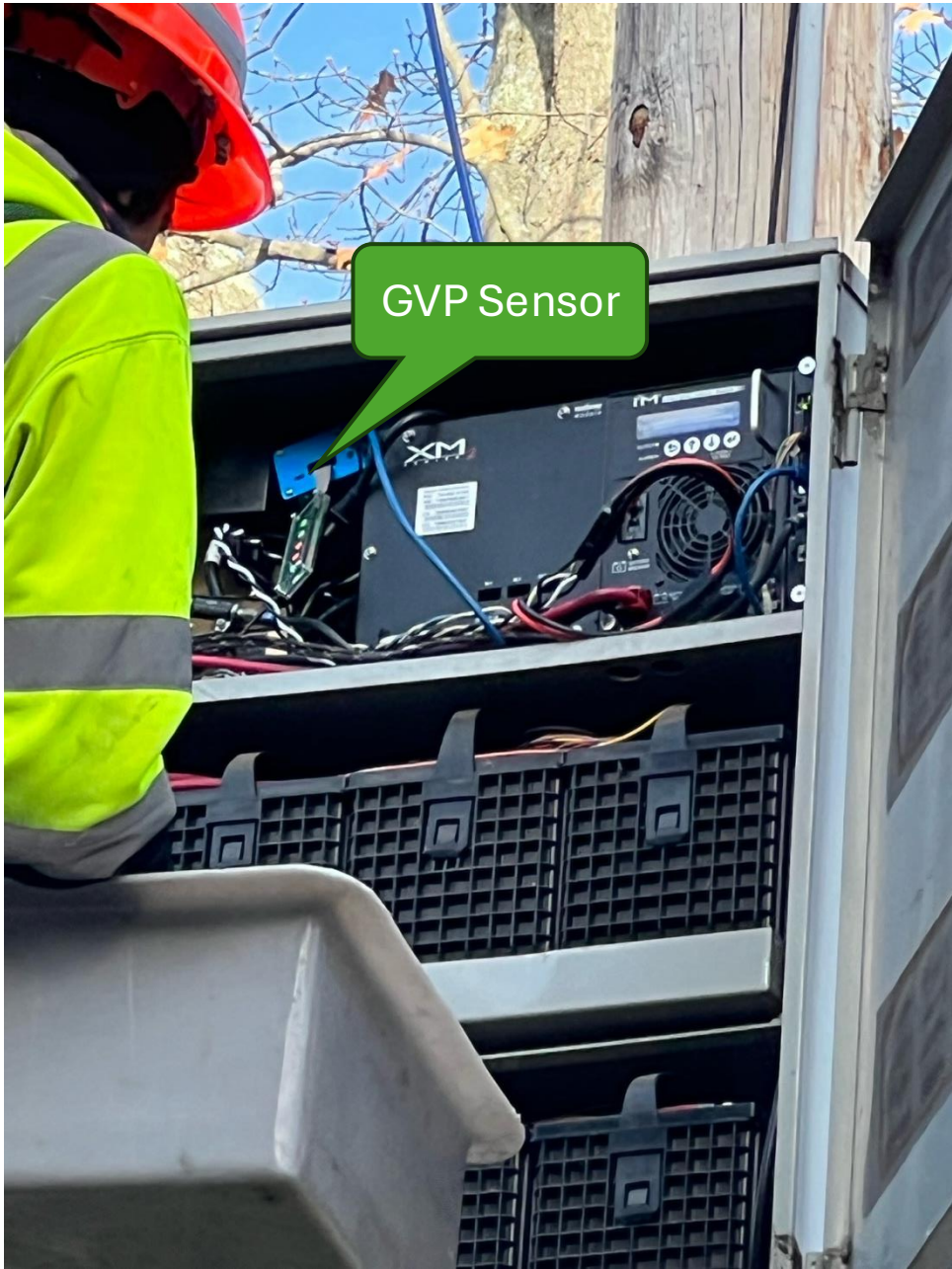




Industrial UPS

Gbps comms interface

Batteries



GVP Sensor

Hybrid Fiber-Coaxial (HFC) Network

Neighborhood (last mile)

15 to 20 miles

Headend

