



ALEC

Adaptive Lazy Evolving Compression

alec-codec.com

Track 5× More Assets Per Data Plan

Per-message compression for cold chain, fleet GPS, and container monitoring. ALEC works across cellular, satellite, and LoRaWAN — reducing payload size by 84%.

THE CHALLENGE

- GPS + temperature + humidity = costly streams
- Satellite tracking costs \$0.04–0.13/message
- Battery-powered trackers need longer life

THE SOLUTION

- 84% payload reduction across all link types
- Per-message streaming — no batching needed
- 2 KB RAM — fits any tracking device MCU

KEY RESULTS

84%

Data Reduction

5×

Assets Per Plan

<1ms

Encode Latency

0

Data Loss

Ready to reduce your tracking costs?

hello@alec-codec.com
alec-codec.com