

SOLAR POWERED. RUGGED. INTELLIGENT.

CLP-HYBRID

AP3 CASE STYLE | CELLULAR + IRIDIUM EMSS — BEST-PATH ROUTING



Uninterrupted visibility through automatic cellular-to-satellite failover.

A compact dual-modem asset gateway that uses cellular first for cost and bandwidth, then automatically engages Iridium satellite service whenever terrestrial coverage is unavailable.

BEST-PATH INTELLIGENCE LTE, Cat-M, and 2G cellular service share one device with Iridium satellite. Automatic routing uses cellular first and fails over to satellite without losing end-to-end visibility.

COMPACT, SELF-POWERED AP3 compact case with magnet activation, VHB tape, a 1W energy-harvesting solar panel, and a 5 AHr 7.2V Li-ion battery for months of operation with minimal solar.

SECURE GLOBAL DATA Unlimited Iridium airtime is available through EMSS. Store-and-forward intelligence, AES-256 encryption, and HERO testing support secure operations across terrain and theater.

AT A GLANCE

DUAL

CELL + SAT MODEM

GLOBAL

COVERAGE

4 HR / 2 HR

STATIONARY / MOVING

AP3

CASE STYLE



CLP-HYBRID

TECHNICAL PROFILE

AP3 CASE STYLE | CELLULAR + IRIDIUM EMSS — BEST-PATH ROUTING

Two-way communications, configurable reporting, and mission-ready integration in a self-powered asset gateway.

CONNECTIVITY

- Dual modem: cellular LTE/Cat-M/2G plus Iridium satellite.
- Automatic best-path routing uses cellular first and fails over to satellite.
- True global coverage across terrain and theater.
- Unlimited Iridium satellite airtime through the EMSS contract.
- Store-and-forward with best-path intelligence.

DEFAULT BEHAVIOR

- Location every 4 hours while stationary and every 2 hours while moving.
- Cellular is preferred when available for lower cost and higher bandwidth.
- Satellite engages automatically when cellular is unavailable.
- Over-the-air configuration is available with program management approval.

HARDWARE

- AP3 compact case; same form factor as CLP-C.
- Iridium IMEI serves as the primary identifier.
- 1W solar panel extends battery life through energy harvesting.
- 5 AHr, 7.2V Li-ion battery; runs months with minimal solar.
- Magnet-activated ON/OFF and VHB tape included.
- AES-256 encrypted and HERO tested.

ACTIVATION & INTEGRATION

- Satellite activation is required separately through the EMSS process.
- Feeds RF-ITV Server or direct system APIs.
- Designed for uninterrupted transitions between cellular and satellite environments.

BEST FOR Multi-modal shipments, overseas-to-CONUS transitions, coalition operations, and missions requiring uninterrupted end-to-end visibility.

