The STAR-PAN system uses Glenair Mighty Mouse 807 connectors which are fully-compliant to US and NATO standards for EUDs, radios, batteries, and C4ISR peripherals. Many soldier batteries can be directly connected to the STAR-PAN system without adapters using the general-purpose Mighty-Mouse equipped C1 cable.
STAR-PAN™

Power distribution and management architecture

### STAR-PAN POWER DISTRIBUTION / CHARGING ARCHITECTURE (STAR-PAN VI SYSTEM SHOWN)

- Primary power distribution supports dual hot-swappable battery inputs routed to PAN, EUD, and Radio ports
- USB power layer supports regulation of input battery power for distribution to USB 2.0 devices and radio "holdup power IN" functionality

#### STAR-PAN POWER BOOSTER AND SUPPORTED BATTERIES

The STAR-PAN system utilizes the standard SMBus battery protocol for compatibility with a wide range of military standard batteries, and standards-compliant smart battery charging. Power scavenging is supported from a variety of sources. Trickle charging of radio batteries and radio holdup-to-hub is fully enabled with the STAR-PAN radio power booster.

- 808-063 Radio Power Booster for two-way power sharing
- BB-2590 / BA-5590 batteries
- Handheld radio batteries
- Conformal wearable batteries
- Soldier smart batteries

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