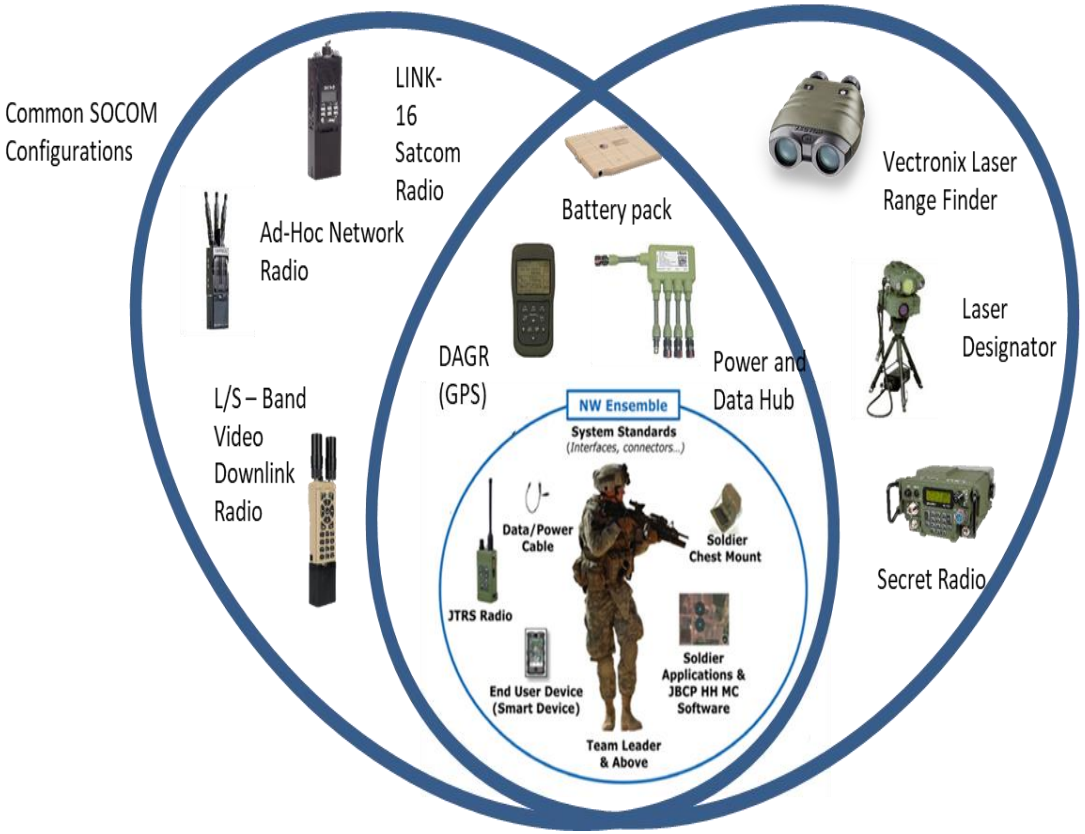
Amphenol
MILITARY & AEROSPACE

ENABLING THE ELECTRONICS REVOLUTION

Soldier System & Body Worn Connectors

A growing market set to reach $14B by 2023



Joint Terminal Attach Controller (FIRES)



How decisions are being influenced



Stingray - low profile, self-aligning, magnetic connectors

- Low profile, compact and sealed connector
- Self-aligning
- Audio, power or high-speed data transmission



Magnetic Mating

Magnets ‘pull’ the connectors together allowing the connectors to be ‘blind mated’



Rotatable mating advantages

No need for angular alignment

Cable exit angle can be set and adjusted by the user



Cables can be routed in-situ

Features and Benefits

- Sprung contacts to PCB interface
- Easily wiped clean
- Air-tight electrical interface
- Last Mate, First Break contact
- >5000 Mating Cycles



Features and Benefits

- IP68 sealing in both mated and unmated conditions
- Compatible with USB 2.0 and Audic signal requirements
- Allows interconnection of equipment
- Low profile with 90° cable
- Minimal protrusion from mounting



Applications

- Body worn communications
- Headsets, Radios and Hubs
- Sensor Units
- Communication Units
- Display Modules
- Weapons Systems
- Helmet mounted equipment
- Surveillance and Rangefinders









Marketing collateral









