Remote Area Modular Monitoring (RAMM)

**What is RAMM**
- Remote Area Modular Monitoring
- Transportable
- Use in multiple transport modes

**Industries for RAMM**
- RAMM is designed for use in any industrial situation that requires monitoring

**How does RAMM work**
- **Power Sources**
  - Power over Ethernet (PoE)
  - Battery backup

- **Monitoring**
  - Allows monitoring locally as well as remotely.
  - Information is transferred via ethernet, cellular, and satellite.

**Expandable Network**
- Expandable Sensor Platform - create a fault tolerant communications system

**Transportable**
- RAMM is mobile
- Use in multiple transport modes

**Where to use RAMM**
- Shipping
- Trucking
- Rail
- Air

**WSN Antenna**
- SAT(Iridium) Modem
- Cellular Antenna

**Communications**
- Multi-hop self-healing gateway nodes

**Expandable Sensor Boards**
- Thermocouples
- Gamma & Neutron Detectors
- Rechargeable Battery (PoE)
- Wired Ethernet (PoE)
- Loop Seal
- Accelerometer

** gamma & Neutron Detectors**

**Rechargeable Battery (PoE)**

**Wired Ethernet (PoE)**

**Loop Seal**

**Accelerometer**

**What is RAMM**

**Where to use RAMM**

**How does RAMM work**