

Envoy®

RuBee SS Gen-3 Wireless PHM Sensor Tag

visible® RuBee (IEEE 1902.1)
UID SS-567893 (PTHVS)
SS Gen 3, 2025

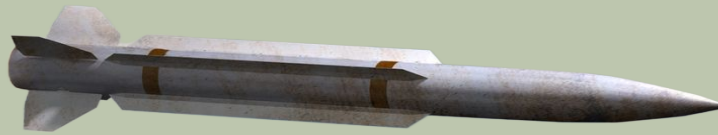
- ✓ 2.9" x 1.1" x 0.75" Epoxy Encapsulated
- ✓ RuBee Magnetic Wireless Data Link
- ✓ 20 yr Battery Life + 20 yr Datalog
- ✓ Temperature, Humidity, Pressure
- ✓ Vibration, Shock



Dell MIL-STD 810H
RuBee Wireless Military Tablet

Missile Prognostic Health Management

Proven and Accurate - We Provide Twenty Year Asset Visibility and Integrity
Optimized With Temperature, Humidity, Vibration and Shock Sensors



Tactical missile in-service surveillance testing has historically been based on destructive tests on randomly selected missiles within a stockpile. With several assumptions, the inspection results are extended to the entire stockpile. Along with normal conservative safety factors, this often leads to the expensive and premature disposal of the assets.

Visible Assets Inc. has produced a family of wireless sensor tags that use magnetic RuBee data links and Prognostic Health Management (PHM) AI software to manage tactical and strategic missile surveillance. RuBee (IEEE 1902.1) uses magnetic fields, has no significant RF energy, and addresses all PHM sensor issues. RuBee wireless has many unique advantages:

1. Not blocked by steel, aluminum, titanium, or transit cases.
2. No multipath reflections, which translates into no nulls and 100% accurate read rates.
3. Field-proven 20-year no charge battery life.
4. No significant Compromising Emanations, no eavesdropping, tempest, or target risks.
5. No HERF or HERO risks- safe on and near explosives and fused ordinances including Nuclear Warheads.- Dash 12 Certified
6. Meets the MIL-STD 810H, ATEX Zone 1, IEC-60079 Class IIC, and IP68 requirements.

