



[Custom RFID solutions]

Solving unique business challenges utilizing RFID as an enabling technology

- Custom capabilities in all RFID Frequency Spectrums
- Development of tags, antennae, and readers
- Embedded control of RFID readers
- Software/Database development

Industry Applications

Military

Manufacturing

Medical Device

Jewelry

Supply Chain/Distribution

Pharmaceuticals

Animal Tagging

Sports Timing

Government

Retail Operations

RFID Frequency Spectrum

Low Frequency – 125KHz, 134.2 KHz, 148.5 KHz – Military closed loop systems, Medical Device Design, Animal Tagging, Toll Systems, Parking Systems, Sports Timing, Payment systems, etc.

High Frequency – 13.56 MHz – Access Control, Item Level Supply Chain, Pharmaceuticals, etc.

UHF (Ultra-High Frequency) – 868 MHz - 928 MHz – Retail/DoD Supply Chain Mandates, DoD Mandate, Near Field applications, etc.

2.45 GHz – Supply Chain Applications

Pioneers In Technology

Aviant Systems has recently completed the development and installation of the industry's first multi-channelled RFID reader system for item-level tracking of countermeasure rounds.

In an intensive three-year period of research and development, Aviant has collaborated with defense contractors to design and produce a six-channel reader board, antennae, and tags for Auto ID of a widely used weapons system.

This highly customized, closed-loop operation utilizes handheld devices, tag writing capabilities, simulation units and other hardware and software.

Aviant's development of this state-of-the art tracking technology guarantees the accuracy of the launch plan.

