AVIANT SYSTEMS

Company Backgrounder

Founded in 2003, Aviant Systems is a New York-based company that designs and builds unique RFID solutions for a wide range of applications.

Aviant understands how to improve efficiency, deliver cost savings and ensure accurate data capture for its customers by automating data processes, and combining RFID technologies, embedded systems and integration.

Aviant is committed to providing high quality, high touch service from design through production, and welcomes the challenge of designing custom hardware and software solutions for difficult commercial environments. Aviant is not required to work with a particular frequency or equipment manufacturer. This gives Aviant the flexibility to consider the benefits and limitations of all competing frequencies and manufacturers when it comes to designing and assembling the best possible solution to solve the most challenging business issues.

To date, Aviant has led RFID projects in the hospitality, manufacturing, medical device, recycling service and retail industries, and for the military.

Aviant's Approach

Aviant offers a full range of business consulting, engineering and product services to guide companies through each phase of the RFID component selection, development and integration processes.

Prior to beginning each project, Aviant conducts an assessment of the business issues and pros and cons of various approaches. Using a focused engineering and development team, Aviant can create rapid prototypes and solve intricate problems quickly, without the bureaucracy that slows development in larger organizations.

Aviant's team has the experience, skills and flexibility to provide as much custom hardware and software development as necessary to deliver a complete solution. Aviant is also committed to providing cost effective, superior technical services pre- and post-deployment, as well as on-going production support through an extensive network of coordinated resources for maximum supply chain efficiency.

Over time, Aviant has developed an expertise in tagging metals and liquid products, resolving difficult custom mechanical configurations and controlling RFID readers with proprietary embedded systems. Two examples:

- Aviant developed and installed the first multi-channeled RFID reader system, capable of querying six antennae at the same time, for item-level tracking of decoy rounds for the entire fleet of a major foreign Navy.
- To withstand harsh Midwest winters, Aviant designed a rugged weatherproof antenna system for a leading waste and recycling service provider.

Looking Toward the Future

Aviant's team is truly passionate about RFID technologies and believes the possibilities are limitless for improving efficiencies and business processes across a wide variety of industries.

In fact, if you spend some time with Henry Bonnell, the President of Aviant, the conversation could easily lead to talk of tracking blood in hospitals, coal in coal fired power plants, precast concrete slabs in building projects and inventory management of high value items such as fine jewelry.