



## Weapons Management-Automated Armory



*RFID Software, Middleware & Services*

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StrongTech is an SBA certified small business and specializes in the deployment of software applications and complimentary services to manage, identify, locate and report on all types of weapons for DoD or Law Enforcement. The Company's proprietary solutions are delivered as a hosted (SaaS) service or client server and include the following modules:

- **StrongTech-Romeo One-RFID Middleware (R1)** integrated with JAMISS
- **StrongTech-Romeo Two (R2)** -Weapons management application that manages the tasks, gear, and issuance to DoD and Law Enforcement
- **Mobile/Handheld Solution-(R3)-StrongTech Software**

StrongTech's software solutions were developed in response to the increasing need for scalable and robust weapons applications. The Company delivers powerful yet easy to use applications that: help ensure regulatory and financial compliance, provide an auditable trail of all asset data from purchase to disposal, provide robust reporting solutions, and enable command to achieve much larger returns on assets. StrongTech applications help provide a positive return on investment on all assets by: containing costs, managing maintenance, providing time-saving tools to staff, and delivering valuable reports to management within the federal, enterprise, and health care sectors.

Historically, an enterprise managed its individual assets on multiple spreadsheets or with expensive and confusing applications resulting in imprecise records management, excess costs and incorrect financial reporting. The enterprise, agency, law enforcement and defense markets are seeking solutions to effectively manage the millions of assets within their supply chain and depots, to tie asset to users, and reconcile deployed assets to purchases. StrongTech's applications include key-tools and features that our markets desire and easily integrate with legacy supply chain, human resource, inventory and other systems.





## StrongTech-Romeo One- Middleware

### USMC-(DoD) Automated Armory & Equipment Solution- Military Armories

The Marine Corps has identified a requirement to automate the tracking of small arms throughout its armories. Manual record keeping is slow, cumbersome and prone to error.

On 13 March 2008, members of the USMC Ordnance community developed and validated a set of requirements to automate armory procedures during a break out session at the USMC Ordnance Officer's Symposium in Aberdeen, MD.

A Universal Need Statement (UNS) was signed for Automated Armory capability on Aug 20, 2008. The UNS depicts what the automated solution should provide to satisfy need. Automated Armory solution will automate inventory, reporting, issue, receipt, and maintenance processes for serialized small arms, optics, and ordnance equipment in order to meet current standards of accountability.

Automation will incorporate appropriate technology (e.g. Common Access Card (CAC), Item Unique Identification (IUID), Radio Frequency Identification (RFID) technology from StrongTech, Digital Signature, and Biometrics) to ensure accurate and rapid identification of equipment and authentication of personnel. The Marine Corps plans to leverage a Government Off the Shelf (GOTS) solution (Joint Asset Management Information Support System "JAMISS") that is currently being used by PM-LAV. JAMISS integrated with StrongTech RFID provides most of UNS requirements.

#### RFID Benefits

- Cut inventory time by 50%
- Automated data capture
- Key-Card Integration
- Real-Time Inventory
- Reduce Labor Cost
- Rapid weapon issue
- Added Security
- Bulk Issue

#### JAMISS /StrongTech

NSWC Crane NSEB will develop, maintain, and field following Automated Armory capabilities outlined in the Universal Need Statement for Marine Corps Automated Armory.

- Automate armory inventory, reporting, issue and recovery, receipt, and maintenance processes.
- Provide Global visibility of Marine Corps Armory serialized assets
- Incorporate appropriate technology (e.g. CAC, IUID, RFID, Digital Signature, and Biometrics) to ensure accurate and rapid identification of equipment and authentication of personnel.

## StrongTech Software

Developed and integrated with GOTS state-of-the-art software, and with no third-party software licenses required.

• **StrongTech-(R1)-Middleware** for DoD. Middleware Module for RFID integration for JAMISS.

• **DoD RFID Software and Full Asset Management ( R2). Weapons Tracking Software** allows for weapons accountability, chain-of-custody control, bar code and RFID tracking and much more in one easy-to-use package.

• **Mobile/Handheld Solution-(R3)Mobile StrongTech Software**

Compatible with Motorola 9090 and others;

Includes the following:

- Operator Login
- RFID Tag Commissioning
- Inventory to include Tag ID, Model/Description, Manufacture, Serial #, total assets scanned in inventory and any additional tag read but not part of the inventory.
- Print Hand Receipt
- Assign/Sign Out Item
- Turn-in Item
- Asset Management
- Mobile SQL Database software

## Features and Benefits

**Easily respond to incoming requests to provide:**

- New weapons, gear and accessories to staff
- Weapon repairs and maintenance
- Transfer of existing weapon
- Destruction of old weapons
- Return of weapons to inventory when staff exit

**Perform Rapid Inventory:**

- Any weapon within a few feet of an RFID reader will be inventoried and associated with the location from which the inventory is taking place.
- Missing weapons' serial numbers can be entered into a portable RFID reader and will "beep" if the reader comes within a few feet of the weapon for which the search is being conducted
- Easy Change of custody capture

**Complete audit trail detailing a weapon's history from active to retired to destroyed:**

- Built-in weapon location control screen enables individual or batch processing of weapons being received, assigned or transferred
- Customized queues to monitor weapon locations, inspection, repair cycles and parts usage
- User access can be granted at different security levels.
- Customized reports are available, detailing weapons transferred, status.



## StrongTech Pricing & Complimentary Services

GSA Schedule: GS-35F-0779J, 132-33, ST-147 & ST-148

Part #	Type	Unit	Cost (each)
ST-R777	RFID Reader	1	\$1645.00
ST-R778	RFID Tag- Special	1	\$1.00/each
ST-R779	R1-Middleware	1 license	\$14,508.00
ST-R880	RFID Antenna	1	\$169.00
ST-R881	Integration Services	1 hour	\$50.00
ST-R882	Handheld/software	1	\$750.00
ST-R883	Handheld Reader	1	\$2445.00
ST-R884	Maintenance	1	10 %/ annually
ST-R885	Mounts and Cabling package (1 set per reader)	1	\$625.00

### Integration Services

When it comes to integrating a new software solution for your company, experience matters. StrongTech software integration specialists conduct customized site preparation prior to software installation, readying the network, communication interfaces, and logistics. With specific expertise related to the needs associated with integrating our solutions, the StrongTech software integration team provides on-site assistance in network cabling, software installation, startup, host connection, terminal and network configuration, testing, and documentation of the wireless network.

### Implementation Services

When it comes to deployment of new solutions, experienced professionals can create a seamless integration with no disruptions to your work flow. StrongTech installation specialists conduct customized site preparation prior to equipment installation, readying wiring, communication interfaces, and logistics. With specific expertise related to power requirements, environment, host connectivity, controller, access point and antenna locations, your site environment is ready for installation.