



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

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Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

Applications

- Public Safety: Police, Fire, and Medical Vehicles
- Armored Cars
- Courier and Delivery Vehicles
- Vessel Tracking (VTS)
- Hazardous Waste Transport
- Open Pit Mining
- Oil Spill Clean-up
- Military: Command and Control
- Object Tracking

Benefits

- Increased efficiency in dispatching and operations
- Improved response time
- Increased customer satisfaction
- Reduced vehicle operating cost, unnecessary mileage and unauthorized vehicle use
- Enhanced driver safety
- Monitoring of vehicles and valuable cargo

Features

- Positions reported with vehicle identification and time (other status information available)
- Automated database storage of vehicle information
 - Review positions using archived data
- Fully programmable polling and beaconing available
 - Group calling or individual polling;
 - Reports according to event or exception available
- **RSI Smart Slot** reporting scheme for increased data throughput and maximum channel usage
- **RSI Code Red** for continuous (every second) monitoring in emergency situations
- **RSI-Link** communications protocol for increased reliability under tough conditions
 - Unique RSI algorithms and error correction ensure your data will get through
- Vector-type maps allow for address location, true accuracy, and modifiability
 - Maps are available, or can be created, for any geographic area worldwide
- Full map manipulation – zoom, magnify, center, pan
- Display street, names, addresses, landmarks
- Input routes, important locations

Options

- Emergency button, door sensors, and other custom inputs and outputs
- Mobile data or status terminals for full text and data communication capabilities such as in-vehicle navigation, e-mail, or real-time SQL data base queries
- Differential corrections for increased accuracy
- Dead reckoning module
- Communications network development and integration
- Custom interfaces into your own database management system or GIS
- Networked, multiple workstations

V-Track System: Features and Specifications

Specifications

Tracking/Dispatch Station

Components:	RSI Communications Controller RSI MobiCon Polling and Mobile Control Software Module Microsoft Windows® platform (UNIX-based system optional) RSI Mapping and Display Software (or GIS of your choice)
Maximum Number of vehicles:	300,000

Mobile Unit Physical Characteristics

Size:	10.4" L x 7.4" W x 2.7" H (26.4cm x 18.8cm x 6.9cm)
Weight:	4.7 lbs. (2.13 kg)
Power:	11–15 VDC with fuse protection

Designed and manufactured in the USA to military specification practices

Environmental Specifications

Operating Temp:	–30° C to +80° C
Safe Storage Temp:	–40° C to +85° C
Humidity:	95% non-condensing at 65° C
Altitude:	–1,000 to +40,000 feet
Package:	Splash-proof, dust-proof, (waterproof optional)

GPS Section

L1 Frequency, C/A Code All-In-View receiver	
All-in-view tracking and position solution	
Position Update rate:	1 second
Time to First Fix:	30 seconds (typical)
Accuracy:	<5 meters horizontal (with differential option) <25 meters (with Selective Availability disabled)
Maximum velocity:	950 mph
Maximum acceleration:	2 g
PPS available to qualified users	

Communication Link

With Integrated Radio Option

Frequency:	VHF or UHF (PL tones supported)
Power:	2/4 watts, 20 watts with Hi-Power option

Other Communications Options

External Mobile Radio:	VHF, UHF, 800/900 Mhz Conventional or Trunking (Motorola, LTR, and others)
Digital Cellular (GSM or CDPD), Digital Radio Networks	
Inmarsat Std-C, Std-M, or Std-A	
Hybrid RF-Satellite Solutions available	
Ask about RSI's Low-Cost V-Monitor (without communications link) logs vehicle positions throughout the day.	



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