



INSIDE RF INDUSTRIES

A Letter of News and New Products — 2009, Issue 1

Latest Computer Aided Dispatch Software Offered by the Mobile Data Experts



RadioMobile premieres a Computer Aided Dispatch (CAD) software package. IQ CAD 911 was written with the latest software development technologies (Visual Studio 2008 and SQL Server 2008) for fast efficient and cost effective operation. IQ CAD 911 can be used with existing mobile data networks or combined with RadioMobile's software and hardware products such as IQ Mobile and the MCT-8000 mobile computer terminal. RadioMobile can provide all of your mobile data management solutions. RadioMobile has successfully designed, manufactured, installed and maintained mobile data networks for over 20 years.

IQ CAD 911 Features

- Verification of address
- E911 interface
- Duplicate call alerts
- Animated mapping with real-time vehicle updates
- Emergency alert module
- Incident tracking and history
- Use of mouse, function keys and command line
- Supervisors can receive alerts remotely via MCT, PDA or laptop

IQ CAD 911 Administration

- Minimal database maintenance requirement
- Hot standby—simple user intervention to bring backup server online
- Cross-community handling without ability to change other dispatcher's units and calls
- Training plan
- After hours support
- Ability to import other map products
- Web services add extended flexibility and ease appending new features

Search Incident

Incident Status

Call Taking

Incident Information

Address: 8032 HIDDEN DRIVE WAY APT. 109
 City: SAN DIEGO State: CA Zip Code:
 X.91: AVIMARY CT X.92: BATHOLICUS DRIVE

Incident Type: 911 Incident Priority: HIGH
 Incident Nature: POISONING Nature Subtype: UNKNOWN BITE
 First Name: BOB SMITH
 Notes: This is a high priority incident

Call Information

Caller Name: Caller Loc: 8032 CARCOUNTRY DRIVER
 Caller Ph Num: Call Src: PUBLIC PHONE

Dispatch Complete Cancel

Search Incident

City: State: CA Zip: Search Clear Cancel

Incident Status

Incident #	Address Loc 1	City	State	Type	Release	Priority	Status
1001	1001 AVIMARY CT	SAN DIEGO, CA	CA	911	1001	HIGH	ON SCENE
1002	1002 AVIMARY CT	SAN DIEGO, CA	CA	911	1002	HIGH	ON SCENE
1003	1003 AVIMARY CT	SAN DIEGO, CA	CA	911	1003	HIGH	ON SCENE
1004	1004 AVIMARY CT	SAN DIEGO, CA	CA	911	1004	HIGH	ON SCENE
1005	1005 AVIMARY CT	SAN DIEGO, CA	CA	911	1005	HIGH	ON SCENE
1006	1006 AVIMARY CT	SAN DIEGO, CA	CA	911	1006	HIGH	ON SCENE
1007	1007 AVIMARY CT	SAN DIEGO, CA	CA	911	1007	HIGH	ON SCENE
1008	1008 AVIMARY CT	SAN DIEGO, CA	CA	911	1008	HIGH	ON SCENE
1009	1009 AVIMARY CT	SAN DIEGO, CA	CA	911	1009	HIGH	ON SCENE
1010	1010 AVIMARY CT	SAN DIEGO, CA	CA	911	1010	HIGH	ON SCENE



IQ CAD 911's geocoding feature can be used to place points on the map of the mobile unit enabling easier navigation and faster response time.

MCT-8000



RadioMobile
making mobile data affordable



CONNECTING THE WORLD.

800-233-1728

Fax: (858)549-6345

Email: rfi@rfindustries.com

Web: www.rfindustries.com



UHF Connectors for Helix® Cable Fill Industry Need

Availability of UHF connectors for LDF4-50A 1/2 inch Andrew Helix® cable was limited to the secondary market when manufacturing ceased several years ago. RF Connectors division of RF Industries has released UHF male and UHF female connectors for LDF4-50A 1/2 inch cable to fill that need. These connectors utilize the same installation process and tooling required for the discontinued connectors. Manufactured with white bronze plated, machined brass bodies, these new connectors feature silver plated phosphor bronze contacts and PTFE dielectric. White bronze is resistant to tarnish, but has high conductivity and low (IM) intermodulation. The male connector, RFU-502-H1, and the female connector, RFU-520-H1 also work with Andrew LDF-4-50A cable, Andrew LDF4-RN-50A cable, RFS 810918-001 cable, RFS LCF12-50J cable and Eupen 5128 cable.

Helix® is a registered trademark of Andrew Corporation.

RF Connectors brand connectors are available through RF Industries or through distributors throughout North America.



Latest HD Cables for Home Theater Available

OddCables.com carries the latest HDMI (High-Definition Multimedia Interface) cables release 1.3. Mainly used on HDTVs, the cable supports any TV or PC video format, including standard, enhanced and high-definition video. Release 1.3 features increased signal bandwidth for improved video and audio reproduction. Assemblies are in stock with standard lengths of 1, 5, 7.5 or 15 meters and 30, 50 or 75 feet. Odd Cables also stocks earlier versions of HDMI cables for equipment that does not support version 1.3.

OddCables.com has moved to a new larger location. Visit OddCables.com at www.OddCables.com 7642 Clairemont Mesa Boulevard, San Diego, CA 92111

Contact OddCables.com/Worswick Industries at (888) 265-2941 or www.OddCables.com.



RF INDUSTRIES: In the News



RF Industries was designated as one of the *200 Best Small Companies* in the United States for 2008 by [Forbes](http://Forbes.com) magazine.



RF Industries was named to the *Technology Fast 50* list of 50 fastest growing technology companies in San Diego by Deloitte LLP in 2008.



You can also read an interview with RF Industries CFO James Doss in the January 2009 issue of [CFO](http://CFO.com) magazine.

ANSWER: Hedy Lamarr



The mathematically talented Hedy Lamarr patented the idea for the frequency-hopping spread spectrum. This early version of frequency hopping used a piano roll to change between 88 frequencies and was intended to make radio-guided torpedoes harder for enemies to detect or jam. Lamarr fled Nazi Austria in 1937 and became a popular film star of the 40s.

Information from Wikipedia.com

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*Published Quarterly — Catherine Friend, Editor
Please contact us for more information on any product or service.*



Bioconnect neuro-leads with disc electrodes are now available in Silicone jacketed wires

Bioconnect's tangle resistant, high conduction wires used in silicone and non-silicone products have multi-stranded center conductors for maximum flexibility and low signal loss. The Bioconnect silicone jacket is medical grade silicone with a low durometer to maintain high flexibility of the leads. Silicone is the "Gold Standard" in material choice in busy clinics relying on high use potential leads. Silicone jackets have a longer use life

than other jacketing materials, saving money over long term use. Silicone is virtually impervious to most solvents found in hospital environments, yet is comfortable when in contact with the patient.

- Ten color options are available
- Recessed touch proof sockets molded over gold plated 1.5mmBeCu spring contacts
- Gold plated, 10mm disc electrodes
- Tangle-resistant easy-clean jacketed wires with flexible strain relief at both ends
- IEC 60601-1 compliant for patient safety

Bioconnect products meet ANSI/AAMI IEC 53 specifications. All phases of manufacture; from tool and mold design to product fabrications using precision solder, ultrasonic welding and insert molding techniques; are preformed in our San Diego production facility.



AVIEL — Manufacturing



Expanded Manufacturing Capabilities Enables Cost Savings

Aviel expands manufacturing capabilities with 2 Swiss CNC (Computer Numerical Controlled) lathes. The addition of the machines increases the capacity and efficiency of producing RF connector components used in the manufacture of connectors and adapters. The CNC machines will run components from .02 to 1⁵/₈ inches in diameter. Aviel designs and manufactures custom RF connectors and adapters. They are located in Las Vegas, Nevada.

Call (877) 805-7381 toll free for more information or to discuss your custom interconnect applications.



RF CABLE ASSEMBLY — RF Coax Cable



Miniature RF Coax Cable Assemblies for Hirose U.FL and I-PEX MHF Applications in Stock

Jumper cables are often used to connect PC boards to a device housing or case. RF Connectors offers MHF series coax cable jumpers using the I-PEX brand MHF connectors and 1.13mm coax cable. Compatible with the Hirose U.FL interface, these assemblies are available with standard and reverse polarity SMA and TNC plugs, jacks and bulkhead jacks. Other options are MHF jumpers terminated with N, MMCX and MC card connectors. Most assemblies are manufactured in standard lengths of 3, 6, 8, and 12 inches. Electrical performance up to 6 GHz has a VSWR rating of 1.3 maximum.



RF Neulink - NL 5500

Four Reasons

NL900S



Wireless Highspeed Ethernet Transceiver

NL6000



VHF/UHF Modem

NL5500



VHF/UHF Modem
Cost-Effective Performance

NL900



900MHz Spread Spectrum

To Go Wireless

The NL5500 Transceiver Series is a price/performance leader in licensed conventional radios in both the VHF and UHF frequency range. The capability for transparent and direct asynchronous communication offers real-time communication. The NL5500 is fully compatible with RF Neulink's NL6000. It will communicate and coexist with NL6000s, while providing excellent throughput and long range for multiple address systems. The NL5500 Transceiver Series is field configurable as a master station or remote radio. These units can operate as a half-duplex or simplex radios. The simplex mode facilitates peer-to-peer radio communications while using a carrier sense (CSMA) channel collision avoidance technique.



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making **RF** the strongest link

Find out inside.

What famous movie star is credited with inventing frequency hopping, which is now the basis of spread-spectrum communication technology?

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