

# Radio Communications Solutions

To see a more detailed description of our scope of products and services log on to [www.morcom.com](http://www.morcom.com)

## What Morcom has to offer

Established in 1984, MORCOM INTERNATIONAL, INC. has provided a broad range of services to the Federal and commercial marketplace. MORCOM INTERNATIONAL, INC. is a strong, stable, and reputable company with the resources, proven management, leadership ability, and corporate commitment to provide a variety of high-technology products and services to our clients. MORCOM INTERNATIONAL, INC. specializes in the sale of radio communications and weather information equipment and systems to serve the needs of government and commercial customers. The following examples illustrate the types of systems that we supply:

- Point-to-point wireless links for voice and data
- Land Mobile Radio systems
- Long range Hi-power HF communication systems
- Surveillance and Direction Finding (DF) receivers
- In-Building wireless coverage enhancement systems

MORCOM is not just a supplier of hardware; our company also offers services such as Information Systems Development, Infrastructure Planning, Network Management and Operations, Radio Communications Systems design, installation, training, and support.

Headquartered in Chantilly, Virginia, MORCOM INTERNATIONAL, INC. is now certified as an 8(a) company by the SBA. This certification offers quick access to our goods & services for government and military buyers.

## Land Mobile Radios

One of the most effective ways of wireless communications is the two-way radio. Two-way radios are used by security personnel, police forces, fire and emergency response personnel, construction workers, public transportation etc. When buying a two-way radio system the most important aspects are quality of the equipment and cost.

Check out our complete line of portable, mobile, and fixed station models. Morcom can recommend the most appropriate solution for your particular needs. We carry the best brands in the market such as Kenwood, Icom, and Motorola. Our services can be as comprehensive as designing a complete new system for your airport or they can be limited to being your reliable source for replacement radios, batteries, and accessories. No matter what the extent of your need is, you will always receive a courteous and efficient service.

## Long-Range Communications

Civil Aviation Administrations and other government organizations often rely on high-power HF systems for their long-range communications or to support emergency operations.

We offer high-power HF-SSB system with 100W, 1KW, or 5KW transmitting power and single or multiple receiving systems. Morcom has designed and delivered high-power HF systems tailored to the specifications of individual customers for several countries in Europe and the Americas. Our engineers will perform the pre-installation site-survey, installation supervision, and operator's training. We will be there to guide the user through the commissioning process as well



# Surveillance Receivers

For several years, Morcom has provided government users with the adequate means for monitoring the radio spectrum for various Signal Intelligence (SIGINT) and Communications Intelligence (COMINT) applications. Monitoring the performance of a transmitter, recording events as they happen for later review and analysis, and the gathering of intelligence are all applications where a radio surveillance system is used.

We have systems available for signal analysis, remote receiver control, direction finding, wideband display, demodulation and decoding of multiple data transmission coding schemes. As systems' integrators, we will supply the appropriate hardware and software that will perform optimally for your application. Morcom International, Inc. is an authorized distributor of various brands of specialized receivers such as: Cubic, Icom, Winradio, and AOR. Customized software solutions can be provided for special applications. When contacting us, let us know your requirements.

In addition, we can offer complete-integrated, multiple-receiver systems. Designed for surveillance, security, military, telecommunications, and media monitoring applications, these integrated systems provide cost-effective, elegant and powerful alternatives to conventional multi-receiver systems and monitoring, intercepting and logging facilities. Capable of receiving and recording radio communications on several channels simultaneously, as well as automatically making decisions based on user-specified circumstances, these systems represent a breakthrough in surveillance and monitoring. We have systems containing from two (02) to eight (08) receivers built into industrial type rack mountable computers.

For the mobile user, we offer systems built into "lunch-box" type portable computers for easy set-up and transport.

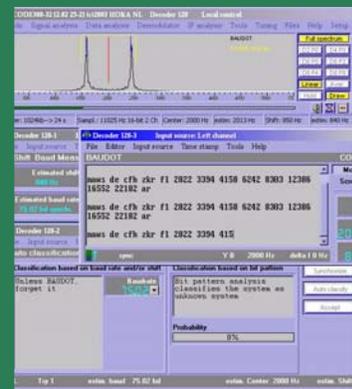
Our surveillance systems are already used by military organizations, law enforcement agencies, investigative services, laboratories, research facilities, defense contractors and engineering companies.

## Technical Service

Our job does not conclude at delivery. Morcom takes pride in making available to its customers a comprehensive range of technical support options. From installation, telephone assistance, to after sales support services, we make sure that the customer is always satisfied with the investment made. When training of the end user is desired, Morcom can arrange for on-site operator and maintenance training. Make sure to request these options when contacting us for a quote.

## Systems Design

If you have unique needs or if you are contemplating the purchase of a complete and integrated system, we can also help you. Morcom has a staff of communications engineers with experience in these types of systems that can discuss with you the details of your project. We can design and put together a system to satisfy your specific requirements.



**Visit us on the web to see the solutions we offer for:**

- **Wireless communication systems**
- **Weather information systems**
- **IT support**

Morcom International, Inc  
14210-B Sullyfield Circle  
Chantilly, VA 20151  
U.S.A.

Phone: (703) 263-9305

Fax: (703) 263-9308

E-mail:  
sales@morcom.com

[www.morcom.com](http://www.morcom.com)