



MORCOM Communications Systems

About MORCOM International, Inc.

Established in 1984, MORCOM INTERNATIONAL, INC. has provided a broad range of services to the government 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 that are critical to public safety, national defense, air and ocean navigation, and homeland security activities.

The following examples illustrate the types of systems that we supply:

- Land Mobile Radio Systems
- Aeronautical Communications Systems
- 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 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 Motorola*, Kenwood*, Icom*, and Tait*. Our services can be as comprehensive as designing a complete new system for your business or organization 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.

Aeronautical Communications

Civil Aviation Administrations and other government organizations involved with air traffic control and ground-air communications require reliable HF, VHF, and UHF communications equipment. While civilian organizations normally operate on the 118-137 MHz band for short and medium distance ground-air communications, military organizations utilize the UHF band segment from 225-400 MHz. All of them often rely on high-power HF systems for their long-range communications or to support emergency operations.

Morcom is well known for covering the complete range of bands that service aeronautical communications. We have HF, VHF, and UHF equipment specifically designed to meet stringent FAA and ICAO requirements for fixed, mobile, and portable communications. 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.



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.



In-Building Wireless Coverage Enhancement Systems

Radio communications is critical for police and first responders. However, in the urban environment of today subways, airports, convention centers, tunnels, underground subways, railway systems, dense urban areas, and other locations where wireless signals are blocked or compromised by environmental or structural features a reliable solution is required. Morcom specializes in designing in-building wireless solutions that will provide reliable two-way and cellular communications inside these areas. Our team of experienced RF engineers will study the customer's requirement and propose the adequate solution. From the simplest solution with a single Bi-Directional Amplifier (BDA), to an extensive Distributed Antenna System (DAS) Morcom will provide you with efficient, cost-effective solutions for optimum coverage and capacity in simple and complex environments to ensure quality wireless communications.

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.

