



Photo courtesy of U.S. Navy

# Delivering Dependable Performance... A Spectrum of **Electronic Warfare Solutions**

High Performance Amplifiers and  
Control Components for EW Applications

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Technology Solutions  
CELEBRATING **60** YEARS

## High Performance Amplifiers and Control Components for EW Applications

Controlling conditions in combat situations—whether land, sea or air—is essential to successful military operations. Electronic Warfare (EW) is central to that effort—saving lives by providing access to forces and degrading the enemy's capability to attack and respond.

The scope of Electronic Warfare is broad, encompassing the following capabilities:

- Electronic Surveillance (ES)—RF signals are intercepted for the purposes of threat identification, source targeting, and planning
- Electronic Attack (EA), also known as Electronic Counter Measures (ECM)—RF energy is used to attack personnel, facilities, or equipment in an effort to degrade or destroy the enemy's capabilities
- Electronic Protection (EP), also known as Electronic Counter-Counter Measures (ECCM)—includes actions taken to protect personnel, facilities, and equipment from the effects of the use of RF energy to degrade or disrupt friendly combat capabilities

These demanding applications require RF components of the highest quality performance that span a broad frequency spectrum.

M/A-COM Technology Solutions offers a comprehensive range of products and technical capabilities to support the demanding performance requirements of today's EW systems. From the receive functions of ES and EP to the transmit functions of EA, our company delivers both standard products and custom solutions that set the industry standard for high performance.

### Our Quality Policy

The goal of M/A-COM Technology Solutions is to continually deliver effective, high quality products and services that meet our customers' and internal operations' needs in terms of delivery, performance, safety and value.

Process controls shall be implemented such that the tasks are performed properly the first time, so that products and services meet established, agreed-to requirements.

It is the personal responsibility of every employee to ensure quality, customer satisfaction, continual improvement, maintenance of our quality management system and compliance with customer and regulatory requirements.



The Counter Remotely Controlled  
IED Electronic Warfare System,  
or CREW Duke system

*Photo courtesy of U.S. Army*



## We work with you

M/A-COM Technology Solutions is an industry leader in the design, development, and manufacture of radio frequency (RF), microwave and millimeter wave semiconductors, components and technologies. Holding hundreds of patents in the field, M/A-COM Technology Solutions is internationally known as an innovator and integrator whose technologies are found in major markets such as wireless telecommunications, broadband communications, industrial and commercial electronics.

Headquartered in Lowell, Massachusetts, M/A-COM Technology Solutions has offices and manufacturing facilities worldwide.

M/A-COM Technology Solutions currently has many new products in development. We are happy to work with you on any customized products or standard product variations. Visit M/A-COM Technology Solutions on the Web at [macomtech.com](http://macomtech.com) or contact your local M/A-COM Technology Solutions sales office for assistance.

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