



## Military Intelligence (MI) Systems Maintainer/Integrator (33W)

As one of the largest ground forces in the world, the U.S. Army needs to make sure that all forces can get the correct information. The Army communications maintenance team is responsible for making sure that all communications equipment is in top working order. This equipment allows the Army to track and direct troop, aircraft, and watercraft movements.

A Military Intelligence (MI) Systems Maintainer/Integrator is an essential member of the Army communications maintenance team. The MI Systems Maintainer/Integrator is primarily responsible for maintaining and repairing Command/Control subsystems, receiver subsystems and related equipment.

Some of your duties as an MI Systems Maintainer/Integrator may include:

- Maintaining, testing and repairing communications equipment
- Installing and repairing circuits and wiring
- Calibrating and aligning equipment components
- Stringing overhead communications and electric cables between utility poles
- Preparing maintenance forms and records
- Working with oscilloscopes, signal generators, spectrum analyzers and wire diagrams

### **TRAINING**

Job training for a MI Systems Maintainer/Integrator consists of nine weeks of Basic Training, where you'll learn basic Soldiering skills, and 42 weeks of classroom instruction, including practice with equipment. You'll learn:

- Mechanical, electronic and electrical principles
- Preventive maintenance procedure
- Line installation and wiring technique
- Communication security policy and procedure

### **HELPFUL SKILLS**

Helpful attributes include:

Interest in mathematics

Interest in working with electrical, electronic and electromechanical equipment

Ability to do work requiring accuracy and attention to detail

Interest in solving problems

### **ADVANCED RESPONSIBILITIES**

Advanced level MI Systems Maintainer/Integrators supervise and train other Soldiers. As an advanced level MI Systems Maintainer/Integrator, you may be involved in:

Diagnosing unusual and complex malfunctions in systems

Operating automatic and special test equipment

Taking corrective action to assure equipment fidelity

Performing as assistant instructor at the service school

### **RELATED CIVILIAN JOBS**

The skills you learn as a MI Systems Maintainer/Integrator will certainly prepare you for a future with civilian companies that design and make communications and electronic equipment. Radio repair, radio mechanics, teletype repair or station installation are all potential civilian positions available for you to consider. Through your extensive Army training and experience and some additional study, you may be able to qualify for Electronics Technician Association (ETA) certification.

### **RELATED ARMY POSITIONS**

[APACHE Attack Helicopter Systems Repairer \(94K\)](#)

[Integrated Family of Test Equipment Operator/Maintainer \(94Y\)](#)

[Radio/Communications Security Repairer \(94E\)](#)

[Test Measurement and Diagnostic Equipment Maintenance Support Specialist \(94H\)](#)

Information about this MOS provided by: [www.goarmy.com](http://www.goarmy.com)

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