

SOLDIER DISPLAY SYSTEMS INTERNATIONAL

Customize proven head-mounted displays
for your national ground forces.



**Rockwell
Collins**

Building trust every day

Deployed with some of the world's elite forces.

A platoon of U.S. forces conducts nighttime raids through an embattled Afghan city. Mounted and dismounted soldiers encounter constant skirmishing and ambushes with improvised explosive devices. The ability to coordinate personnel and assets quickly and strategically is a key element to keeping the enemy off balance, especially in combat situations where hostile forces can outnumber the soldiers.

Fortunately, these troops – along with soldiers in other national militaries around the world – have precisely this kind of coordination. Head- or vehicle-mounted displays from Rockwell Collins deliver digital, expanded situational awareness and effective networking through a single compact eyepiece. Combat proven, built for ease of use and extended wear, these soldier display systems are also highly customizable. They can give you crucial advantages no matter where the battle takes you.

Integrating night vision, cameras, digital networking and more, our head-mounted displays serve the militaries of the United States, Spain, Singapore, Malaysia, Canada and Germany.

A complete line of display systems customizable right down to the eyes on the target.

Designing a soldier display system around your program's distinct set of needs requires an array of options that seamlessly integrate in any configuration. That means every element in your system must perform to exacting standards. When those elements come from Rockwell Collins, you benefit from the expertise of one of the world's leading innovators and suppliers of soldier display systems, including our deep experience with helmet-mounted displays for combat aircraft. You also get our commitment to providing you with an exceptional level of global service.

Soldiers worldwide rely on our systems to provide precise, rugged and adaptable capability to their missions and battlespace.

Our custom soldier display systems are serving armed forces and programs such as the:

- ▶ United States Army Land Warrior, NETT Warrior, and Mounted Soldier System programs
- ▶ United States Marine Corps SIMP program
- ▶ Spanish Army Future Soldier System (COMFUT)
- ▶ Singapore Army Advanced Combat Man System
- ▶ Malaysian Army Future Soldier System program
- ▶ German Army Special Operations Forces



A soldier's-eye view of the crucial advantage.

Our soldier display systems integrate software that gives commanders and their troops greater capabilities with fast, broadly shared access to data that matters.

Plan missions and routes. Mark targets. Assign tasks. Share terrain maps with Blue Force Tracking or other combat identification. Coordinate assets such as squads, ground vehicles and unmanned aerial systems. Provide tightly networked communication in the heat of combat. All with equipment that's made for extended wearability in the rigors of the battlefield.



Dependably deliver intelligence to an irregular battlespace.

ProView™ PV35
Display System



A PROVEN, EXTENSIVELY FIELDIED LEGACY SYSTEM.

Our ProView™ display system first began assisting mounted and dismounted soldiers in combat situations as part of the U.S. Army's Tank Urban Survivability Kit (TUSK) program in 2004. In 2009, the system became part of the U.S. Army's Land Warrior program as the helmet-mounted display of choice.

Today, the ProView PV35 continues to provide enhanced situational awareness, communications, global navigation and command-and-control capability through such features as:

- ▶ Daylight and nighttime-readable display device with full lumination control
- ▶ 35-degree field of view
- ▶ Full-color XL SVGA display
- ▶ Eye cup for spectral security
- ▶ Display module and body-worn display control module with attachment features
- ▶ Rugged design, qualified to MIL-STD 810
- ▶ Display of sensor and computer-generated video

MicroView™ MV35
Display System



LOOK-DOWN CAPABILITY FOR COMBAT EFFECTIVENESS.

With the MicroView™ MV35, soldiers can access sensor data, computer-generated video, GPS, maps and other critical battlespace information whether on foot or aboard an Abrams, Bradley, HMMWV, Stryker or virtually any other military vehicle. This lightweight, reliable system features a look-down display that provides a wide field of view with minimal vision obstruction. Other features:

- ▶ Proprietary organic light-emitting diode calibration process makes the eyepiece display thin and light with a high contrast ratio
- ▶ Military eyewear or helmet mounting options
- ▶ Helmet-mounted option weighs less than 50 grams (less than 2 ounces)
- ▶ Left- and right-eye compatible

MicroView™ MV35T
Display System



ADVANCED DISPLAY TECHNOLOGY KEEPS FOCUS SHARP.

The MicroView™ MV35T combines a monochrome green super video graphics array (SVGA) in a see-through display that enables the user to keep eyes forward and maintain peripheral vision while visually processing video sights, GPS, maps and other critical data coming through the eyepiece. Other features:

- ▶ See-through prism optics provides a wide field of view with minimal vision obstruction
- ▶ Proprietary organic light-emitting diode calibration process makes the eyepiece display thin and light with a high contrast ratio
- ▶ Clips to military eyewear or mounts to helmet
- ▶ Helmet-mounted display weighs less than 50 grams (less than 2 ounces)
- ▶ Left- and right-eye compatible

Display systems with staying power. Fit to the force. Fit to the mission.



ProView™ PV35 Display System



MicroView™ MV35 Display System

MicroView™ MV35T Display System

Building trust every day.

Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

To learn more about display customization possibilities for your mounted and dismounted soldiers, contact:

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