Network your battlefield.

Exploit every advantage of the connected battlespace. Expand your network's reach.
Capitalize on a comprehensive, secure, high-bandwidth system.
And keep your force tactically aware. Here's how.

Rockwell Collins
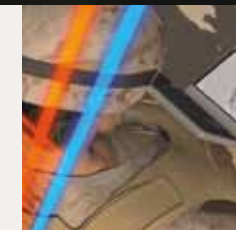
Building trust every day

Common picture. Every platform.

With net-enabled systems from Rockwell Collins, we've put the innovative technology in place so you can exploit every advantage of the connected battlespace. Expand your network's reach with proven, full-spectrum capability that connects every war fighter in your network with a secure, up-to-the-minute flow of tactical and near real-time situational information. In the air. In your vehicle. On the ground.

Keep your force decisively aware with network systems that seamlessly integrate your valuable legacy assets with cutting-edge technology. Fully scalable to the changing needs of your platforms and missions, our solutions are currently in theater giving you the connectivity and situational awareness you require. Now, we're giving you a common operating picture, shared on multiple platforms, to keep you connected and aware. The information you need — when you need it.

Rockwell Collins Army networking solutions

> GMR and HMS JTRS
> Quint Networking Technology (QNT)
> Tactical Targeting Network Technology (TTNT)
> Advanced Tactical Data Link (ATDL)
> Intelligence, Surveillance and Reconnaissance (ISR), EW-SIGINT
> Information assurance solutions
> ARC-210 Mobile User Objective System (MUOS)/SRW, ARC-220 HF
> Joint Network Node (JNN)
> Mini-CDL
> StrikeHawk™ Video Downlink Receiver
> Nett Warrior
> Common Avionics Architecture System (CAAS)

Side band link:
QNT retargeting and TTNT on the fly
networking scenarios
learnmore.rockwellcollins.com/armynetworking

Better decisions faster. When it matters.

Integrated Soldier solutions

We're working to equip ground soldiers with the rugged, lightweight tools needed to make better-informed decisions at the tactical edge of battle.

The components for our family of integrated soldier systems provide improved situational awareness and network connectivity capabilities at various echelon levels within a brigade combat team while minimizing the size, weight and power impacts to the Soldier throughout the life cycle. These solutions heighten the information-assured situational awareness that keeps the Soldier alive.

We've proven our ability to stand ready with manufacturing capabilities for the PLGR and DAGR programs. And now we stand ready to produce what the Army needs, when it needs it.

Beyond our integrated soldier solutions, Rockwell Collins is a recognized leader in open systems architecture, advanced displays technology and GPS solutions. Whether you require a small, light, helmet-mounted display featuring see-through technology that delivers powerful data without requiring a heavy power source. Or navigation capabilities that work whether GPS is available or denied. Or modular, open-architecture systems that can reconfigure to fit the mission, with plug-and-play technical upgrades. This is only the beginning of where we can take you.

At Rockwell Collins, we provide the systems your Soldiers rely on to help achieve their missions, day or night, in the world's harshest environments.

Rockwell Collins Soldier solutions

> Portable SATCOM solutions
> GMR and HMS JTRS
> Nett Warrior
> Defense Advanced GPS Receiver (DAGR) and MicroDAGR
> SAASM secure, Ground Based GPS Receiver Applications Module (GB-GRAM)
> Integrated Crew Display System™
> Soldier Helmet Mounted Optics
> Soldier-wearable personal crypto devices
> Rosetta data link processing
> Blue-force tracker
> Mounted Soldier Display Systems (MSDS)
> Head-Up Display/Helmet-Mounted Display (HUD/HMD) and Electro-Optical Display Systems
> Acoustic gunfire sensor system
> Range-finder displays
> Sniper laser-based wind systems

Side band link:
Sentinel and surface solutions
learnmore.rockwellcollins.com/armysoldier
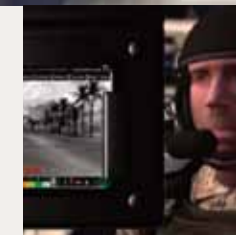
The ultimate mobile network.

Integrated vehicle solutions

Bring your vehicle fully into the network no matter where the mission leads. Your vehicle is tight with not much room to maneuver. With our M7000 integrated vehicle system – raise your level of situational awareness by having access to real-time navigation and mission status while minimizing the system's footprint in your vehicle. All in a rugged, dependable and compact package that frees up crew space for critical moments.

Staying connected is as important as your vehicle's mission computer. Our GMR and HMS JTRS radios provide ad hoc wideband networking capabilities to keep you connected at all times. For further connectivity, our SATCOM on-the-Move gives you the reliability you need in hostile environments.

Rockwell Collins vehicle solutions

> GMR and HMS JTRS
> Portable and SATCOM on-the-Move solutions
> M7000 integrated vehicle computing system
> Explosion Resistant GPS Receiver (ERGR)
> Blue-force tracker
> Mounted Soldier Display Systems (MSDS)
> Combat Head-Up Display/Helmet-Mounted Display (HUD/HMD) and Electro-Optical Display Systems
> Combat vehicle HMD systems

Side band link:
Integrated Crew Display Systems
for a common picture in the battlespace
learnmore.rockwellcollins.com/armyvehicle

Focus and strike
with unparalleled precision.

Accurate target location is critical to successful weapons delivery on the battlefield. The FireStorm™ targeting system significantly improves target position accuracy and connects you to the network to relay that information to everyone who needs it.

Using laser crosswind-sensing technologies, each networked fires node with GPS Smart Round guided munitions can now focus and strike with unparalleled precision. Collateral damage is minimized as every projectile from howitzer to mortar finds its mark. Damage assessment from overhead loitering UAVs assures the network of the strike's success.

FireStorm is based on our Rosetta Joint Fires Digital Targeting Software, already familiar to the dismounted U.S. Soldier and fielded with more than 10 U.S. and coalition forces around the world. Lightweight and intuitive, the modular system features the unrivalled targeting accuracy of its proprietary Azimuth Augmentation Unit.

The standard FireStorm system consists of a laser range finder, tactical tablet PC, Azimuth Augmentation Unit, StrikeHawk Video Downlink Receiver, Rosetta Joint Fires Digital Targeting Software, associated ancillaries, power management system and tripod. It's built for quick setups, changing missions and any targeting challenge you want to ask of it.

Rockwell Collins precision and navigation solutions

> FireStorm targeting system with proprietary Azimuth Augmentation Unit
> StrikeHawk Video Downlink Receiver
> Laser wind sensing
> NavScore™ SAASM-based GPS GB-GRAM guided munitions
> Rosetta digital machine-to-machine interoperability interface – data link translation
> TacNet™ data link system
> Long loiter UAV flight control, damage tolerance and fuel control capabilities for fires assessment

Your vision.
Our network expertise.
Aligned as always.

Whatever your network demands, whether in an active acquisition program or not, you can rely on Rockwell Collins to provide integrated systems that deploy quickly and effectively.

The U.S. Army has relied on us to provide such integration for more than 75 years.

One of our most successful programs includes our Common Avionics Architecture System (CAAS) for rotary-wing aircraft. Today, a CAAS-equipped flight deck allows not only networking with UAV sensor and attack systems, it also enables manned-unmanned actions to shorten the decision-chain for maximum attack effectiveness. Overall situational awareness ramps up as all players in all domains maintain split-second decision capability when and where it counts the most.

Stay connected. Stay aware.
With solutions
from Rockwell Collins.

With the right network technology reaching out to include the mounted and dismounted Soldier, your vision for a powerful, securely closed communication loop becomes a reality. We're ready to leverage our expertise and proven successes on the ground and in the air to help the Army achieve this vision. Count on Rockwell Collins networking technologies to help you stay connected and stay aware. Because it matters.

Throughout the life of your Rockwell Collins equipment, we'll be there with the service and support that keeps your network at peak performance. On the base, in the heat of battle or anywhere in between.

Rockwell Collins aviation solutions

> Common Avionics Architecture System (CAAS) flight decks
> Transportable Blackhawk Operations Simulator (T-BOS)
> Open systems architecture
> OpenEdge™ for legacy platform networking

Side band link:
CAAS with manned and unmanned networking
learnmore.rockwellcollins.com/armyaviation

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.

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