

Information Management & Communications

When you want to talk to your spacecraft, talk to us first.

CHALLENGE

Information is invaluable, but it does not realize its mission potential unless it is stored, shared and used effectively. Ensuring mission success requires reliable communications systems and access to volumes of information organized for ease of access and transparency in use. The challenge is to distribute and organize huge quantities of information transmitted globally and through space, with assured access and accuracy.

SOLUTION

QinetiQ North America has the mission experience and expertise needed to provide NASA the best information management and communications solutions.

- IT, Software & Network services – specializing in real-time data system and web based data management tools
- High speed film, optical tracker, surveillance TV & photographic services
 - Launch site critical voice/data communications and telemetry data processing for display and control
 - Unique elements & scalability
 - Launch critical IT & communications services for KSC, CCAFS & VAFB
 - Public Affairs/News Media video imaging and production services
 - Mission Directors Center for real-time monitoring and control of launch countdown
 - High Bandwidth data networks using mirrored servers for collaborative analysis of Shuttle Launch Imagery for engineering damage assessments
- Applicable to all space related missions



RESULT

Decisions are made with the best data available. Different components of systems are coordinated and lack of information is never an obstacle to mission success. Mission costs are driven down through effective work management.

WHO WE ARE

An independent, innovative defense and security technology solutions provider, QinetiQ North America's 50-year legacy of customer intimacy and proven performance continues in our globally honored technological capabilities and solutions. Earning over a billion dollars in revenue, we operate with small company speed and agility while leveraging significant global resources. QinetiQ North America's engineers, scientists and other professionals have the mission knowledge and proven performance to meet the demands of defense, homeland security and information assurance customers. QinetiQ North America is part of QinetiQ Group PLC, one of the world's leading defense and security technology companies. Offering the agility of best-in-class entrepreneurial subsidiaries, our corporate culture thrives on cutting-edge science and creative practical application. We own more than 4,000 patented solutions and technologies created in one of the world's largest defense laboratory systems.

OUR CAPABILITIES

Talented engineers, scientists, program managers, and other professionals deliver:

- Software development, operations and maintenance support
- Service oriented architecture
- Information assurance and cyber security
- Network engineering, operations and communications solutions
- System engineering and integration
- Mission-intimate decision support solutions
- Enterprise and network architecture
- IT and communications for space operations
- Space system solutions
- Ground system engineering and support

By focusing on our customers' requirements, we are able to provide solutions to even the most complex challenges:

- Space research, launch systems support, and testing
- Security systems design and improvement
- Environmental and energy testing and research
- Land and resource management
- Communications upgrade and information
- Facility design, management and analysis
- IT solutions: software, enterprise systems, networking, and training
- Defense hardware and equipment design and production
- Business and management services

QinetiQ North America's legacy companies have a long record of working with Government customers to provide:

- Microgravity research, development, and operations
- Independent verification and validation for evolved expendable launch vehicles
- Environmental test and integration
- Expendable launch vehicle integrated support (ELVIS)
- Information management and communications
- System engineering and integration

OUR CREDENTIALS AND COMMITMENT TO QUALITY:

- ISO 9001:2000 registered
- SEI CMMI Levels 2 or 3 (externally assessed), Level 4 for verification
- IT Infrastructure Library (ITIL)
- Project Management Institute certified staff
- Seven NASA Silver Snoopy Awards

QUESTIONS?

E-mail aerospace@QinetiQ-NA.com

For more information, please visit www.QinetiQ-NA.com