



SYSTEMS ENGINEERING & TECHNICAL ASSISTANCE

Ingenicomm provides robust systems engineering and technical assistance services that enable the realization of successful space and ground systems while maintaining a shared relationship between scope, schedule, cost, and quality.



Meet scope, schedule, and cost constraints without compromising quality

Ingenicomm's engineers are experienced with all phases of the system life cycle, including requirement analysis, definition, and decomposition;

system architecture, design, and implementation; integration and system deployment; verification and validation; and transition to operations.

PROJECT CONTROL GATES

- System Requirements Reviews
- Preliminary Design Reviews
- Critical Design Reviews
- Test Readiness Reviews
- Factory Acceptance Testing
- Site Acceptance Testing
- Final Acceptance Testing
- Operational Readiness Reviews
- Project Closeout Reviews & Lessons Learned

PROJECT MANAGEMENT

- Integration Management
- Scope Management
- Time Management
- Cost Management
- Quality Management
- Human Resource Management
- Communications Management
- Risk Management
- Procurement Management

Deliver effective results during all phases of the system life cycle

In addition to engineering assistance, Ingenicomm provides dedicated project and program management expertise.

Ingenicomm's certified Project Management Professionals (PMP) use the skills, tools and techniques defined by the Project Management Institute (PMI) and standardized by the Ingenicomm PMO.

AREAS OF EXPERTISE

- Telemetry and command processing
- Spacecraft simulation, testing, and verification
- CCSDS and TDM protocols
- Protocol translation and data distribution
- RF to IP data capture and processing
- Data archiving and retrieval
- Scheduling and data quality metrics
- Custom encoding and encapsulation
- Application, driver, and GUI development
- Hardware fabrication and circuit design
- FPGA and CPLD programming and integration
- Mechanical packaging and integration
- System testing, integration, and installation
- ITAR and commercial export regulation compliance

Led by certified Project Management Professionals

Ingenicomm specializes in the standardization of ground network elements, enabling interoperability while providing customized solutions to meet the unique requirements of individual missions. For more information, or to request a price quote, please contact us at info@ingenicomm.net.