

# MANNATEK SOLUTIONS INC.

## COMMUNICATIONS SYSTEMS EQUIPMENT FOR SURFACE, FLIGHT, & SPACE APPLICATIONS

○ Telemetry & Vehicle Tracking Systems / Antenna Systems / Arrays

○ Frequency Converters / Multi-Couplers

○ Switching & Routing Matrices: RF/IF, Video, Serial Data, Networks

○ Telemetry Receivers / Telemetry Data Processors

○ RF Exciters / Test Signal Simulators / Bit Error Rate Testers

○ Satellite Modems / Vector Modulators / Demodulators

○ Bit Synchronizers / Frame Syncs / Decommutators

○ Multiplexers / De-Multiplexers / Gateway Protocol Translators

○ Fiber-Optic Transport Routing

○ Recorders (Mission Data, Telemetry, Solid State, Network)

○ Time & Frequency Distribution Systems (GPS Aided)

○ Custom Equipment Cases, & Shock-Mount Racks



**Certified 8M Minority-Woman Owned Small Business**

3050 Flying Horse RD Colorado Springs, CO 80922

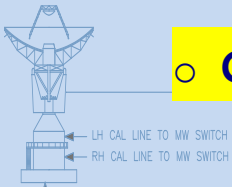
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# MANNATEK SOLUTIONS INC.

Engineering Consultants / Integrators / Technical Sales

## ENGINEERING & TECHNICAL SERVICES

- System Architecture Design
- Integration & Testing
- Installation & Training
- Mission Support / Operations & Maintenance
- Product Development & Lifecycle Planning
- Custom RF, Antenna Systems Design and Validation
  - HF to Ku Bands
- Software / Algorithm Development & Realization
  - Real Time Embedded Software: DSP, GPP, FPGA
  - HMI/GUI software development
- Vehicle / Payload Integration



From Individual Components & Equipment to Complete Turn-Key Systems