

Mannatek Solutions Inc.

Telemetry / Communications Systems Equipment for Surface, Flight, & Space Applications

○ Digital Beamforming Phased Array Antenna Systems

○ Vehicle / Telemetry Tracking Systems / Antennas / Distributed Arrays

○ Spectrum Awareness / Interference Detection Geolocation

○ 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 / Decommutors

○ Multiplexers / De-Multiplexers / Gateway Protocol Translators

○ Fiber-Optic Transport Routing

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

○ Time & Frequency Distribution Systems (GPS Aided)

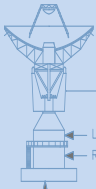


Mannatek Solutions Inc.

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