Telemetry Data Processor/Server TDP/STM
- Low Latency/Multi Stream -

Wizard Enabled Telemetry Software
- ATSS Telemetry Software Suite
- Intuitive, Wizard based GUI Setup and Data Management
- Raw & Processed Data Recording, Reformat, and Export Tools
- Integrated Quick-Look Data Display
- Real-Time Decom & EU Optimization
- ILLIAD, IADS, TMATS, DEWESoft & Labview compatible
- Easily implemented Integrator API

Integrated Mission TM Simulation & Validation
- Low Latency User Configurable Range PCM Mission Simulation
- Text File, CH 10 Recording based, and Aeroacoustics TDP Format Vehicle Format User Editing Modes
- Integrated Modulator COTS Modulation and RF Signal Generation
- Stream Rates to 50+ Mbps, Supporting Complex Test Events

Data Processing

High Performance Portable Decom Units
- Expandable and Upgradeable
- Windows OS Application Independent Processing
- Card Embedded Programmable Processing
- Over 400 “canned” card level EU processing algorithms
- Decom/EU & Output Data Product Formatting in microseconds
- Scalable from Notepad to Enterprise Data Server

Turn-key Card Level & Engineered Solutions
- End-to-End Integrated TM Acquisition & Ground Station Solution
- Multi-Stream Receiver, Bit Sync, Decom & Sim Configurations Supported
- “On-the-Fly” Dynamic Format Switching
- Real-Time Decom of Multiple Embedded Async Frames & Packetized Data
- Integrated Raw and Processed Data Recording
- Scalable from Notepad to Enterprise TM Server

Model 3500 Ethernet Recorder
- Greater than 1GB/s sustained payload recording rate
- Separable Management and Data Network Interfaces
- Standard Dual 10 Gigabit and Dual 1 Gigabit Ethernet Interfaces
- Storage Capacities to 32TB
- AES Encryption
- Built for High Reliability and Availability 24/7 operation
- Options for Additional I/O

Display & Analysis

DeweSoft-X
- NEW Integrated 3rd Party Client Display Options
- Real-time & Post Mission (playback)
- Native TDP TM Data Reformat & Export Tools
- Includes Client Record/Playback/Export
- Freeze & Zoom Scope & Stripchart - with Trigger
- FFT Analysis
- Local data Analysis & Report Generation

MD2900AP
MD2900AP in Rugged Carry Case

MD3022P
RDM205
1622P
474DM

ATSS Native Displays

MD2628P
MD2618
AK211D

Model 3500 Ethernet Recorder

“REAL” Real-time Telemetry Decom & EU Processing
High Performance Turn-Key Multi-Stream FPGA Based Telemetry Solutions
Dynamic, Low Latency Windows OS Independent TM Processing & Data Distribution
Programmable FPGA Based EU Processing & Data Distribution - to 8 MS/sec
Integrated Enterprise Range Mission Simulation
Scalable Solution