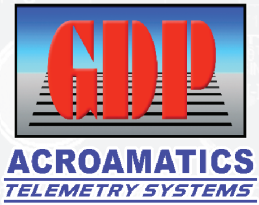


# TELEMETRY DATA PROCESSING, SIMULATION & DISPLAY - ATSS

## Product Overview



- Both Windows and Linux Versions
- Receiver / Bit Sync / Frame Sync
- Decommuration
- Engineering Unit Conversion
- Derived Measurement Processing
- Low-latency Networked Data Server
- Recording / Playback
- Real-time Quick-look Display
- Post-Test Analysis
- Simulation

Acroamatics' Telemetry Data Processing (TDP) family of products are designed to allow end users to dynamically apply full processing power to where it's most needed – where the action is! The flagship TDP dual bus embedded processor architecture is targeted at high-performance field and range data center operations applications, and is scalable to meet field portable, test bench and production test applications with equal benefit.

For real-time data center applications, Acroamatics' TDP is unmatched in it's ability to deliver true deterministic multi-stream telemetry processing and data distribution, scalable from 1 to 16 streams, in a variety of rackmount or portable chassis configurations. Ease of set-up and operations is ensured with Acroamatics' network friendly, user-configurable 'widget' based **Acroamatics Telemetry Software Suite (ATSS)** telemetry system desktop and data display environment.



**Acroamatics Telemetry Software Suite (ATSS)** offers superior data imaging, analysis, and system operations tools. **See back for details.**

**Replacement for end-of-life products such as L3 550 & Avalon family of integrated multi-stream low-latency TDP products. Model 2900AP** TDP easily accommodates requirements that range from 1 to 16 IRIG106 Chapter 4 Type 1 & 2 PCM stream decommuration, real-time EU processing, analysis, and networked data services.



**Model 3022AP** is a portable, low-latency multi-stream telemetry data processing and analysis unit that utilizes the latest Intel Core i7 host CPU technology. Its PC chassis provides the ideal platform with which to host our signature low-latency, card embedded PCI RF/IF Receiver and companion multifunction telemetry processing system cardset components and software.



**Model 2500AP (1U)** and **Model 2510 (2U)** 3rd generation portable, low-latency multi-stream telemetry data processing and analysis unit. Based on Intel Core i7 motherboard technology, the 2500AP host PC chassis occupies a compact footprint, hosting one to three low-latency, card embedded multi-function telemetry processing cardsets.



**Model 4032** Compact Telemetry system is a remarkably size and cost effective single/dual stream PCM storage and processing solution, capable of ingesting serial PCM with or without synchronous clock in any IRIG approved PCM code format.

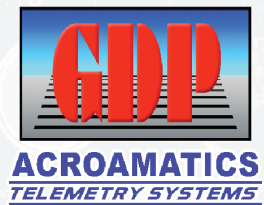


**Model 2628AP** PCM Simulation System (PSS) is a compact, 1U rackmount PCIe card-based multi-channel PCM Simulator offering flexible hardware configuration (from 1-4 independent simulators). Set-up and operation are supported via local keyboard/monitor or Ethernet.



# TELEMETRY DATA PROCESSING, SIMULATION & DISPLAY - ATSS

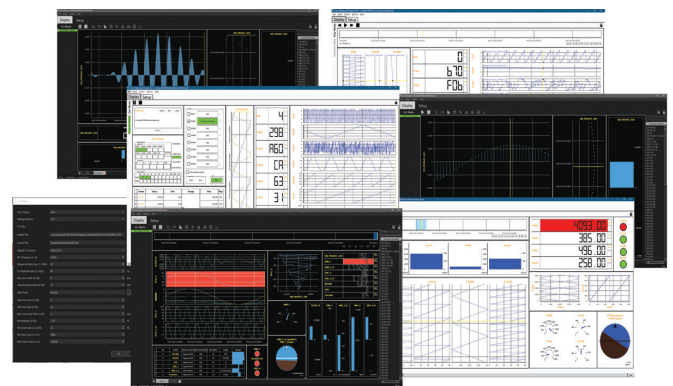
## Product Overview



- Operating System Independence
- Freeform Graphic Desktop
- Widget-based Real-time & Analysis Tools
- Run Time System Control
- Real-Time Status
- Data Record and Playback
- Quick-look and Post-test Data Display
- Configurable Font Size and Color
- Customizable Components
- Multi-page / Instance Display Environment
- Industry Leading Support

Acroamatics' TDP family of products are delivered with Acroamatics Telemetry Software Suite (ATSS). ATSS offers superior data imaging, analysis, and system operations tools. This powerful operating system independent software package provides an extensible environment for setup and control of the TDPSS as well as recording, playback, real-time quick-look display, and precise post system analysis of the acquired telemetry measurement data.

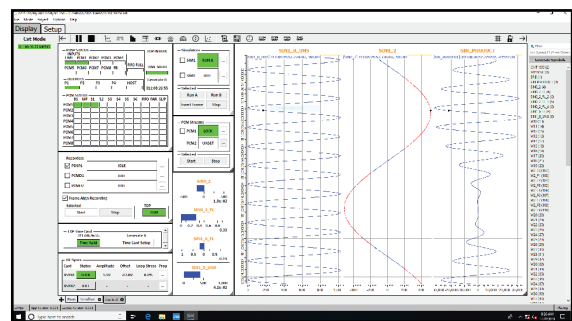
The ATSS can be delivered for use on either a 64-bit Windows 10 (Secure Host Baseline validated) or Red Hat Enterprise Linux 7 Acroamatics telemetry processing platforms allowing the TDPSS system to be tailored to the customers preferred OS environment. Applicable DISA STIGs are applied and support is available to maintain compliance with the latest cyber security requirements. Acroamatics' high-performance telemetry processing solutions provide users a winning combination of unique architectural and functional advantages.



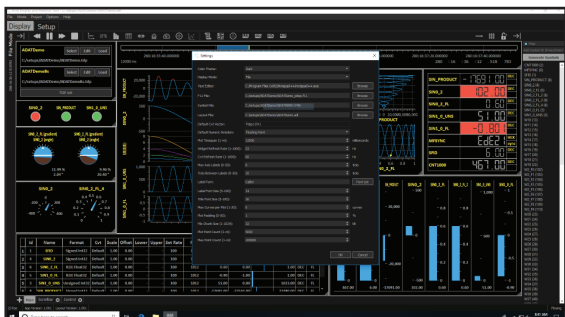
Freeze, zoom (all-points), scroll in real-time & playback.



Stripchart replacement, limits and alarms, auto-scale, status & ops controls.



Contemporary user-defined, widget-based display & set-up design.



File playback mode– speed-up/down, loop, time search/scroll slider, etc.

