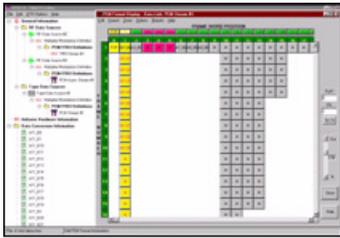




# Open Telemetry Interactive Setup (OTIS™)

One Tool Set Provides True Vendor Independence

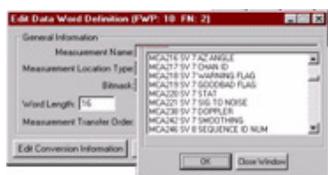
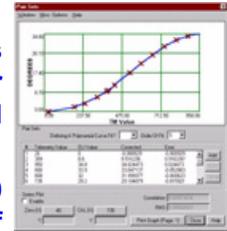


The Open Telemetry Interactive Setup (OTIS™) product family is the only complete set of software tools and utilities specifically designed to support the Telemetry Attributes Transfer Standard (TMATS) as defined by the Telemetry Group of the Inter-Range Instrumentation Group (IRIG) and presented as Chapter 9 of the IRIG 106 Telemetry Standards.

## OTIS™ TMATS Tools Include:

**OTIS™ 9 - The OTIS™ 9 TMATS Editor Application** is the foundation of the OTIS™ TMATS product family. It provides support for the hierarchical TMATS structure including all of the standards defined attributes groups.

**OTIS™ 9 Calibration Support** - Full support for developing accurate Calibrations by entering the calibration data pair sets in the form of Raw Counts along with their associated Engineering Units (EU) Value. OTIS™ 9 will produce a best fit calibration and place the proper information in the TMATS file once approved by the user.



**OTIS™ 9 Report Generation Option** - The OTIS™ 9 Report Generation Option provides the user with a variety of reports regarding the TMATS file which is currently open and active within OTIS™. Reports include: a Customizable Measurement List, Major Frame, and PCM Format Attributes.

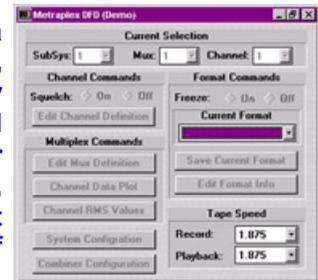
**OTIS™ Translator and Bridge Applications** – These applications implement the heart of the interoperability and portability possible with TMATS. They convert standard TMATS file structures into the specific (and disparate) formats of individual telemetry vendors (Translator) and specific vendor's internal format to the standard TMATS file structure (Bridge).

These OTIS™ TMATS Applications also fully support the newly implemented **XML** schema for the TMATS standard which will be released in IRIG 106-07.

## OTIS™ Control

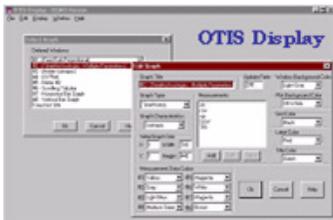


**OTIS™ Control** is designed to provide its user with a state-of-the-art interactive environment to setup, monitor, and control a wide variety of telemetry acquisition equipment in a local or remote control environment. OTIS™ Control provides support for telemetry receivers and combiners, data recorders, antenna controllers, matrix switches, bit synchronizers, multiplexing devices, and a variety of other miscellaneous test equipment.

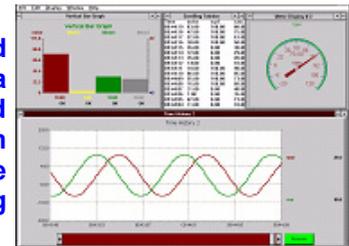


The OTIS™ Control software system is unique in its ability to support a wide variety of hardware devices, via a variety of different communications paths (IEEE-488, LAN, RS-232), in both an Off-Line and a Real-Time mode of operation.

## OTIS™ Display



**OTIS™ Display** is intended to provide a fast and easy way of viewing data as it is being received by a telemetry data acquisition system. It is designed for real-time "Quick-Look", as distinguished from the full-scale analysis that would typically be performed in a post-test environment using recorded data playback as the basis for analysis.



OTIS™ Display converts raw data to engineering units prior to display as defined by the user either through a TMATS definition or entered by the user. Plot types include time-history, xy plot, dynamic text (tabular), dynamic bar graphs, annunciators, and meters. Data may be presented as a single graph or in a View of multiple graphs.