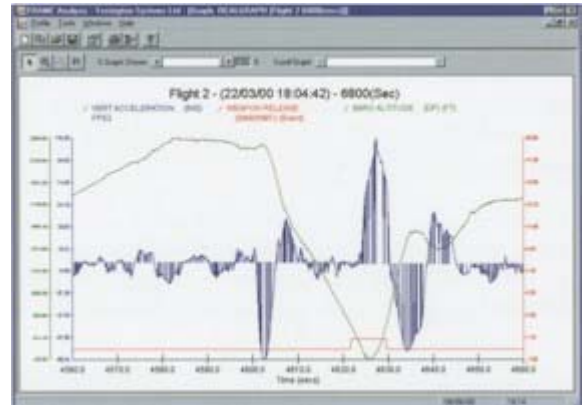


FRAME

DATA MANGEMENT & ANALYSIS SUITE FOR AVIATION & OTHER DATA FUSION

FRAME is Terrington Systems next-generation Data Management and Analysis Suite. Designed to complement the Raider® T4 and T5 data recorders for the post flight storage and analysis of flight data, FRAME can be used for many different data management and data fusion applications, not limited to airborne data analysis. Capable of fusing data collected from multiple data sources on one or several platforms, FRAME



is a powerful tool for analysing the performance of the aircraft or system under test, or even an entire scenario involving several independent platforms. FRAME provides powerful timebase features, allowing data from several recorders used simultaneously to be resynchronised to a common time for comparative analysis.

Built using powerful client/server technologies, FRAME is capable of storing and analysing huge quantities of data (up to 1 Million Terabytes). As such FRAME can form the basis for large data warehouses and provide the platform for advanced data mining techniques.

FRAME allows the analysis of data in a number of standard ways:

- Tabular display of raw data, displaying each bus message or data value recorded. Errors detected in the data stream are highlighted, and detailed diagnostic data provided. This will allow an engineer to examine the operation of the systems on the platform.
- Tabular display of processed data. The FRAME system allows the user to enter a database of data conversion factors. This allows the raw recorded values to be converted into meaningful engineering units, for example temperature, pressure, fan speed etc.
- Graphical display of processed data. Up to ten parameters can be displayed simultaneously on one graph. Parameters may be plotted against time, or against other parameters.
- Export of data in standard formats to allow the data to be imported to other packages, such as spreadsheets or word processors for reporting.

KEY FEATURES/BENEFITS

- Powerful client / server architecture
- Multi-user, encouraging data sharing
- High-performance database engine
- High capacity data-store
- Automatic time resynchronisation features
- Strong configuration control
- Easily extendable
- Highly user-configurable
- Standard Windows user interface

The architecture of the FRAME software is designed to be extensible, with flexible FRAME Data Access Objects, which allow the easy generation of new analysis clients, or links to third party data analysis tools.