



## Test Data Analysis Software (TDAS)

A PC-based data reduction and analysis tool designed to allow user management and evaluation for raw digital data from a wide range of instrumentation assets.



Photos courtesy of [www.af.mil](http://www.af.mil)

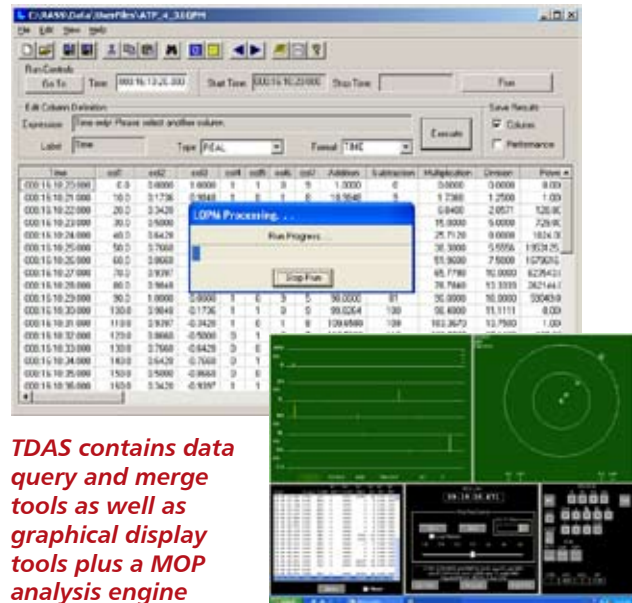
*Engineered for life*

# Test Data Analysis Software (TDAS)

TDAS is a PC-based data reduction and analysis tool designed to allow user management and evaluation (in real-time and post-test) for raw digital data from a wide range of instrumentation assets. Currently supported data sources include MIL-STD-1553B, high-speed parallel digital busses, RF, video, au-dio, and analog channel data recorded to both magnetic media and source disk file. Supported data formats include both IRIG Standard Chapter 8 and Chapter 10 structures as well as numerous proprietary and commercial off-the-shelf (Dbase, Excel, etc.) standards.

The underlying relational database (developed in Visual C++ to overcome limitations in existing commercial products) is open architecture and able to handle data from asynchronous sources. TDAS contains a full complement of data query and merge tools as well as a variety of graphical display tools (tabular scrolling, plotting, system controls and displays replication) and a measure of performance (MOP) analysis engine. TDAS data export in industry standard formats allows seamless integration to and comparison of results with off-line graphical and analysis tools.

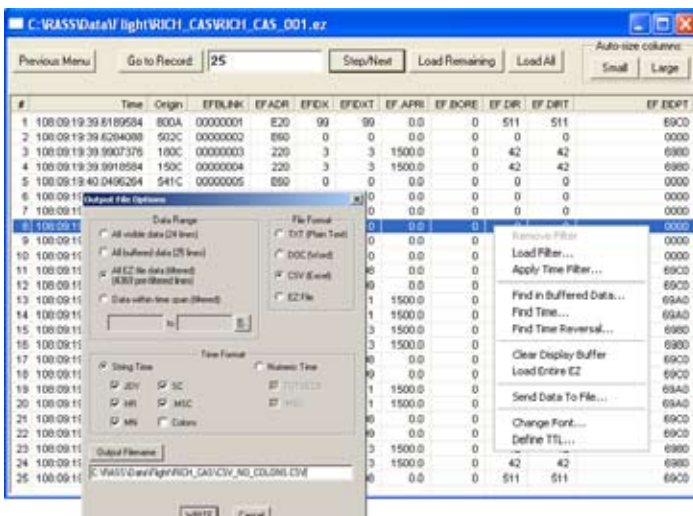
The TDAS tools and point-and-click interface are designed to maximize a balance between process automation and functional flexibility. All required support file structures (data filters, scoring algorithms, data definitions, etc.) are user-accessible, definable, and re-usable. TDAS is designed to support both detailed engineering analysis and batched (minimal user interface) data reduction and can be easily adapted to support user-unique data processing requirements. TDAS is fully configured, tested, and documented and is delivered as a turnkey application with on-site training and support as required.



**TDAS contains data query and merge tools as well as graphical display tools plus a MOP analysis engine**

## Features

- PC-based data reduction and analysis tool
- Full complement of data query, filter, merge, display and analysis tools
- Open-architecture design
- Capable of handling asynchronous data sources
- Supports both detailed engineering analysis and batch data reduction requirements
- Industry standard data export supports integration with existing toolsets and development environments
- Fully configured and documented – turnkey application



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