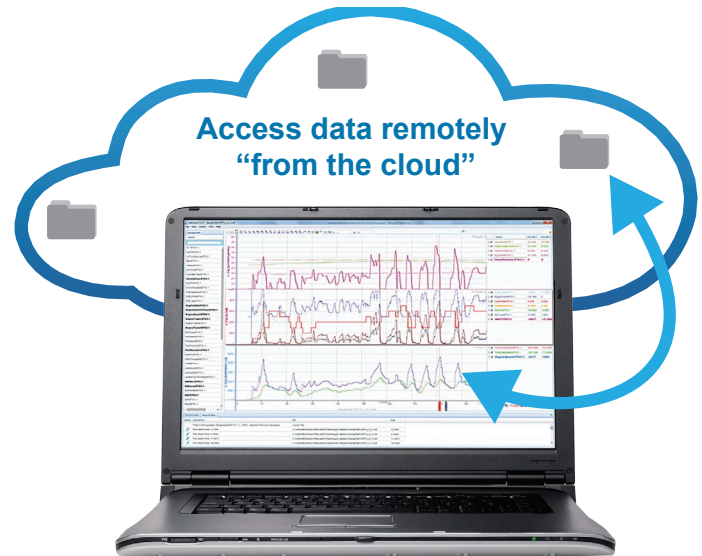# DataSpy

Post-Analysis Software for Massive Data Files

Modern vehicles are more capable and complex than ever before. Features once considered exotic, such as adaptive cruise control, active lane departure prevention, and automatic parking, are rapidly becoming "standard." Drivers and passengers also have growing demands of their vehicles, expecting them to keep pace with the capabilities of their mobile devices and to provide infotainment and convenience functions. These trends have all led to a dramatic increase in the traffic on in-vehicle networks, and in turn, skyrocketing quantities of data that must be stored, managed and analyzed.
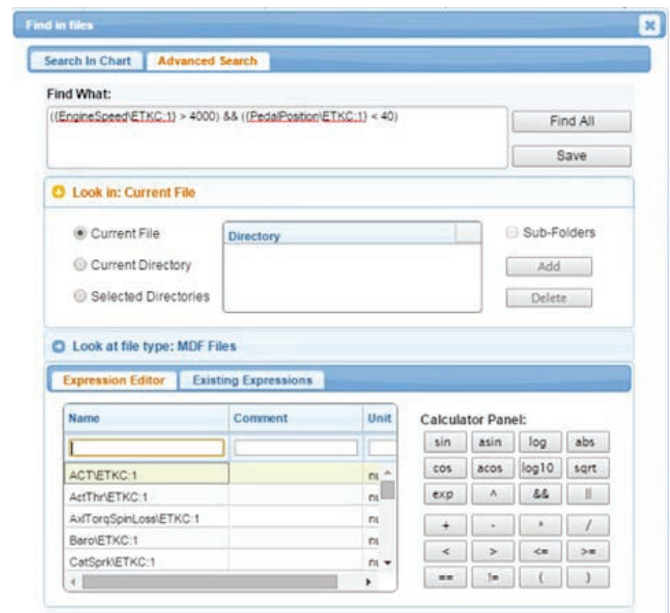
DataSpy is Intrepid's solution to vehicle network information overload. This intuitive and powerful software allows engineers to work with the wealth of data available on modern vehicles, processing it into useful information in a variety of ways.

Access data remotely "from the cloud"

Utilize DataSpy locally on your machine or remotely via supported web browsers. Access data stored in the cloud from anywhere!

DataSpy Features:

- Process and analyze huge files, even those larger than 1 TB.
- Client/server architecture allows complex analysis on large, remotely-stored data sets.
- All features for cloud analysis accessible via standard Web browser.
- Software can also be installed on a PC to analyze locally-stored data files.
- Analyze data from Intrepid loggers, as well as that stored in the MDF format from ETAS or Vector.
- Create custom views of key signals and save configurations for use with other data files.
- Create links to events with custom views; others can view results without installing any software.
- Post-analysis functions include multiple Y axes per plot, stackable plots time-aligned on a single time axis, legends, copy to clipboard, multiple cursors, and much more.
- Effective use of screen space allows detailed analysis of dozens of signals in a single view.
- "Find in Files" feature enables searching for events across terabytes of data, quickly stepping between events showing user-defined custom views of each.
- Intuitive user interface.

The "Find in Files" feature lets you easily define criteria using the Expression Editor and search through thousands of files for specific events, quickly stepping from event to event and displaying user-defined views of each
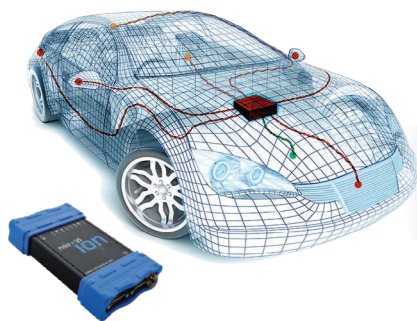
DataSpy

DataSpy User Interface

Stackable graphs with legend share a common time axis

Drag and drop signals from channel list onto graph or Y-axis

Click on search result hits to view the data at each hit

How Much Data Are We Talking About? A Real-Life Example

Vehicle Equipped with Data Logger

1.5 GB of data / hour / vehicle

2 x 10 hour shifts / vehicle / day

1.5 x 20 = 30 GB data / day

x 365 days / year

= 10.9 TB data / year / vehicle!

Ordering Information

Part Number	Description
VSPY-3	Vehicle Spy 3 software license

Specifications subject to change; please contact Intrepid for the latest information. All trademarks are the property of their respective owners.

Rev. 20200616