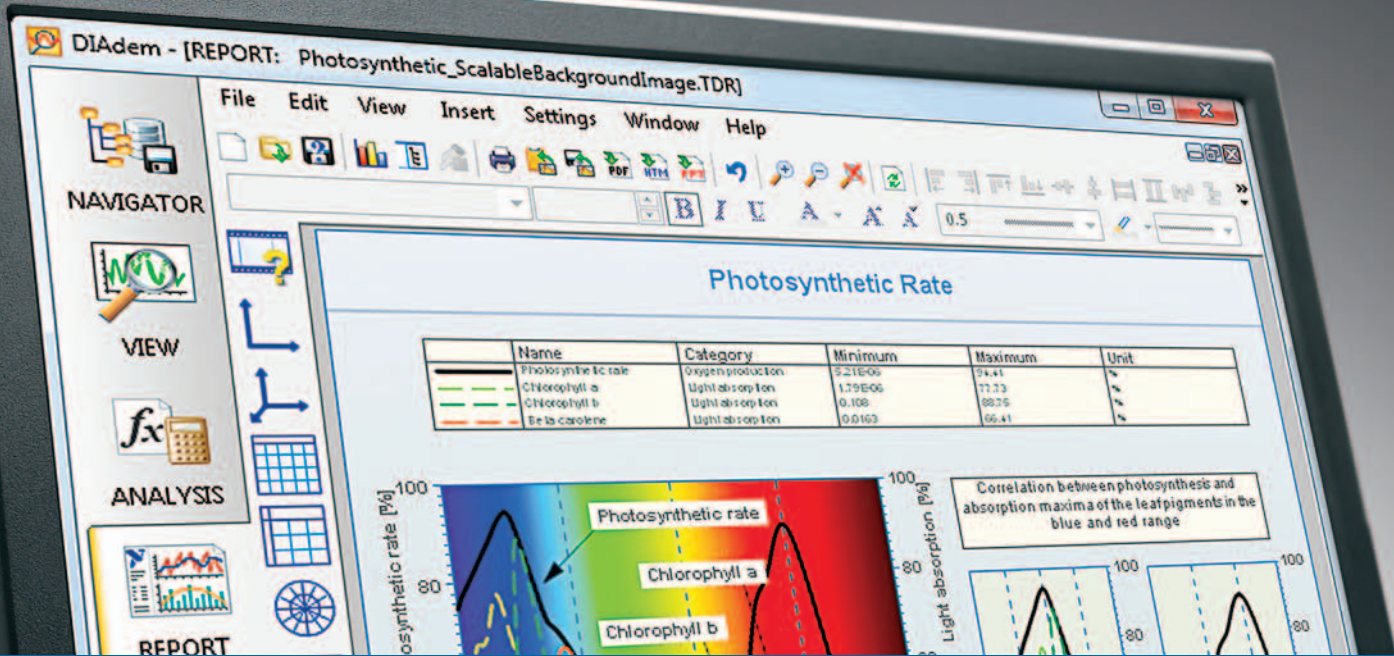


NI DIAdem

Data Management

Automated Reporting

Advanced Analysis



NI DIAdem is the only comprehensive, configuration-based software specifically designed to help engineers and scientists quickly locate and process measurement data using a single off-the-shelf software tool. Optimized to operate on large data sets, DIAdem includes engineering-specific analysis functions, provides informative data visualization, features a powerful drag-and-drop report editor, and runs scripts for automating repetitive tasks to help you move from raw data to knowledge-driven decisions faster.

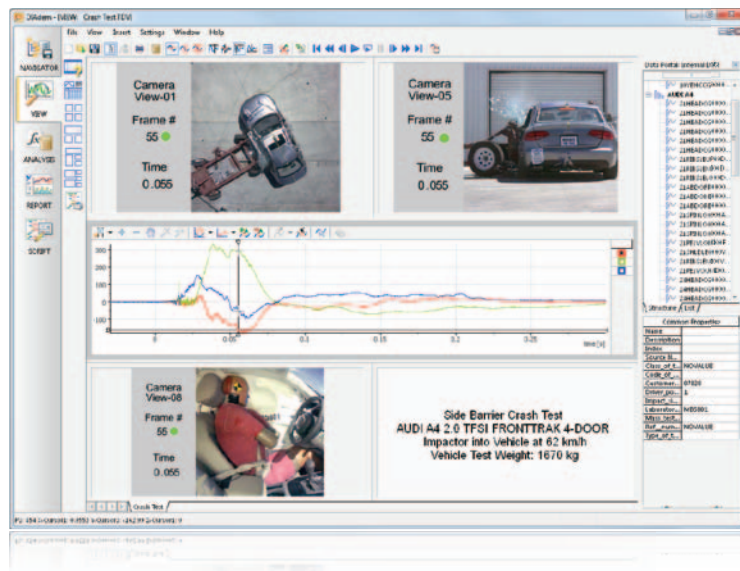
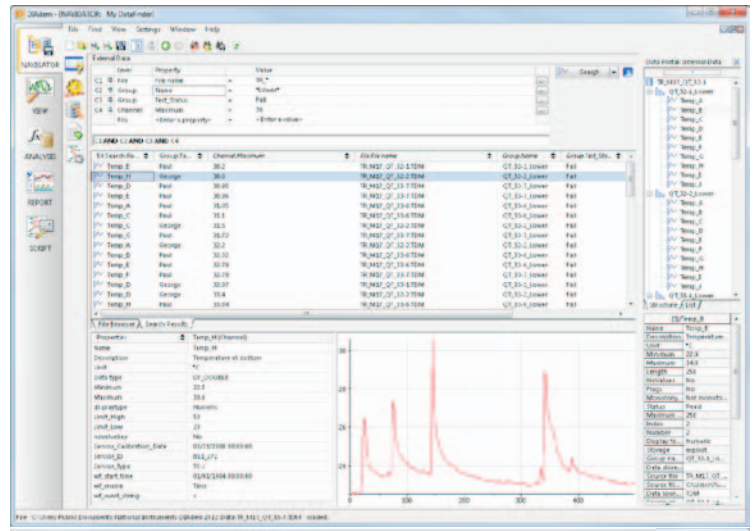
Turn Data Into Decisions Faster With NI DIAdem

DIAdem is designed to help you make informed decisions and meet the demands of today's testing environments, which require quick access to large volumes of scattered data, standardized analysis and reporting, and informative data visualization.

Manage

DIAdem offers unparalleled data management and mining.

- Find and load the right data in seconds with interactive search tools
- Load any file format with free ready-to-use DataPlugins or easily create your own
- Take advantage of a self-configuring data management system that automatically indexes metadata from your files and generates a searchable database of information
- Connect directly to NI DataFinder Server Edition for a server/client data management approach



Visualize

View data in new, informative ways.

- Dive deeper into the meaning of your results by watching your data playback with video, 3D models, GPS maps, and more
- Load and merge data channels from multiple files for immediate comparison
- Interactively inspect data with tools such as zoom, curve fitting, scroll cursors, and more
- Create custom layouts to display data in a way that makes the most sense for you

Extend DIAdem With Additional Tools

NI DataFinder Server Edition
Extend NI DataFinder data management and mining technology to large groups and departments.

ni.com/datafinder

DataPlugins
Download or create your own DataPlugin to load any file into DIAdem.

ni.com/dataplugins

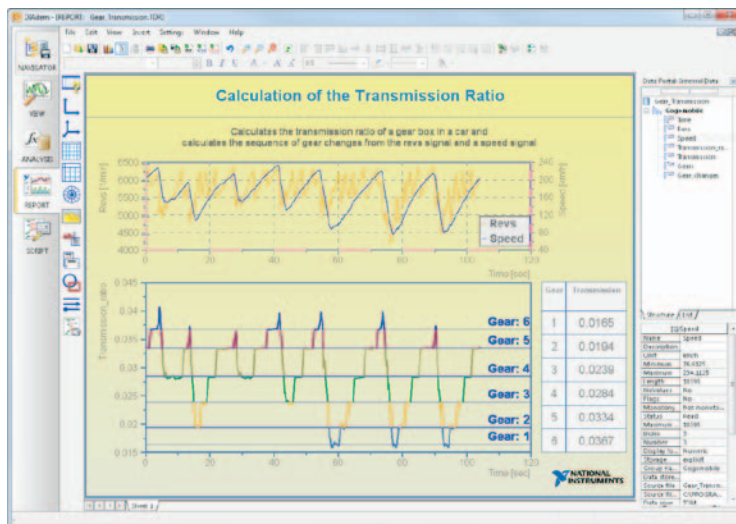
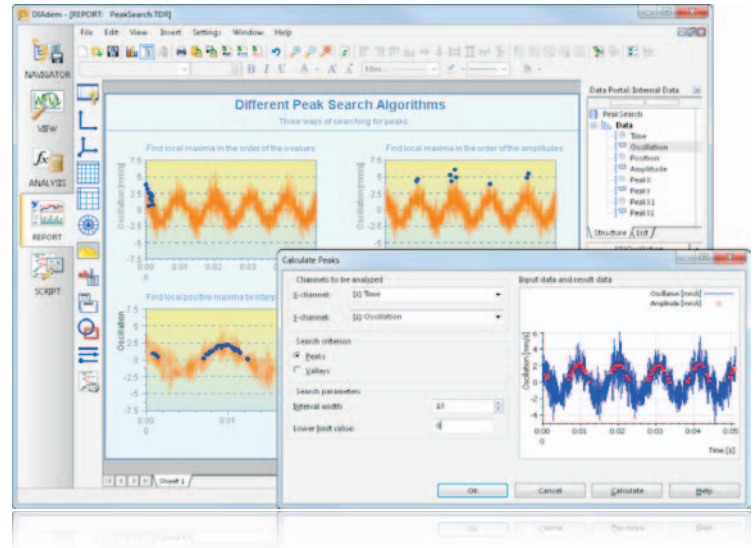
DIAdem Crash Analysis Toolkit
Perform standard crash test analysis that adheres to international standards (ISO, SAE, NHTSA, FMVSS, and ECE).

ni.com/diadem/crash_analysis

Analyze

Turn raw data into meaningful results quickly.

- Choose from hundreds of built-in engineering and scientific analysis functions
- Perform analysis with configuration-based dialogs and preview the results of your applied calculations instantly to minimize errors
- Create and distribute custom calculations using the Calculator Manager
- Manage measurement units using the Unit Catalog to support standardization



Report

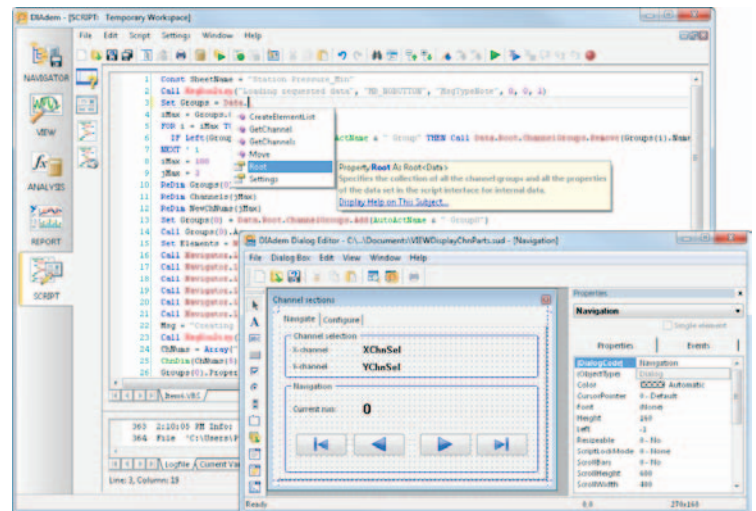
Communicate results clearly and concisely.

- Use a drag-and-drop editor to create publication-ready reports quickly
- Design reusable report templates that update automatically as the data changes
- Easily share reports by exporting to PDF, HTML, image, printer, and more
- Use the Chart Wizard to interactively create new report templates
- Create multipage reports containing 2D/3D graphs, tables, graphics, text, and more

Automate

Save time automating repetitive processes.

- Streamline processing and reduce errors by distributing common scripts to the entire test department
- Personalize the DIAdem environment with icons and menus to create a custom user interface
- Integrate custom dialogs to embed interactive choices for analysis and reporting
- Generate reusable scripts without programming



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- Application tips and case studies
- Example programs and frequently asked questions
- Troubleshooting wizards, user forums, and developer communities

For those who have software maintenance memberships or volume license agreements, qualified NI applications engineers are available for technical support directly via email or phone.

U.S. Corporate Headquarters

11500 N Mopac Expwy Austin, TX 78759-3504
T: 512 683 0100 F: 512 683 9300 info@ni.com

International Branch Offices—ni.com/global

