

# IHS Harmony™ - Well Performance Analysis Environment



## Main Features

### Integration of Multiple Petroleum Engineering Applications:

IHS Harmony™ is a single software platform for all of IHS's well performance applications including IHS DeclinePlus, IHS RTA, IHS CBM and IHS VirtuWell. Improve efficiency by reducing the number of desktop applications required to get the job done. Improve efficiency and data integrity by eliminating repetitive data entry among multiple applications. Store engineering knowledge gained from integrated analysis in a single place.

### Workflows and Hierarchies:

Organize data within large and complex projects using standard or custom hierarchies. Switch between pre-defined hierarchies with the click of a button. Design play-specific customized workflows to ensure a consistent analysis approach among all team members.

### Reporting and Querying:

Create simple or complex queries using entity attribute data. Create standard or custom tables to report on analysis results for a single well or multiple well project. Export analysis results to a variety of common third party formats.

### Data Visualization:

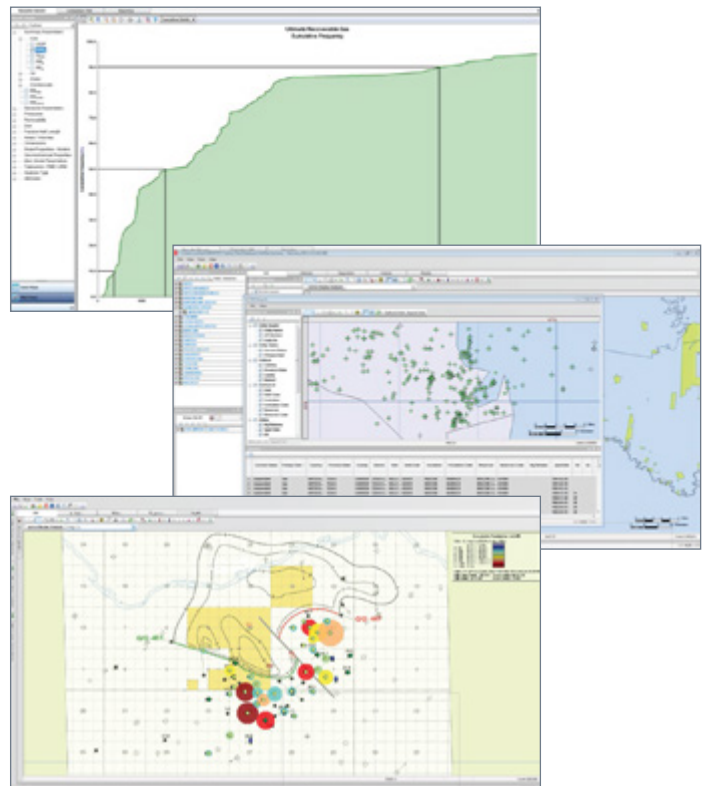
Visualize every aspect of operational and well performance data using powerful and intuitive "drag and drop" style graphs, tables and dashboards. Create and store custom plotting functions and templates. Comparison plotting feature allows quick copy/paste style comparisons between multiple datasets. Generate dynamic on-demand cross-plot, histogram and cumulative distribution functions for analysis results and input parameters.

### Data Management:

Efficiently create and maintain simple or complex petroleum engineering projects, including technical reservoir studies, A&D projects and reserves evaluations. IHS Harmony™ supports nearly all major public and third party proprietary data formats and has direct connections to IHS Enerdeq and the Canadian Information Hub. Easily connect to external data sources using IHS's proprietary data views.

### Mapping:

IHS Harmony™ contains a comprehensive multi-layer GIS (Geographical Information System) which supports several standard projections and datums. Create customizable annotations and bubble maps (variable color, size and shape) based on any scalar attribute or analysis result parameter. It also supports shapefiles and raster image files.



Sample screen captures from IHS Harmony™

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