# ANALYSISLIBRARY

by Phoenix Integration

*Data Management Solutions for Workgroups*

Starting at $300/seat

## HIGHLY-CUSTOMIZABLE APPLICATION FOR YOUR MODELING & SIMULATION DATA

**Replace your shared drive with Phoenix Integration's AnalysisLibrary.** Intelligently organize and store your analysis data for quick knowledge capture, search and reuse. Phoenix's new, highly-customizable and extensible application can be deployed within PHX CenterLink® for extended functionality or integrated with your in-house engineering applications. The AnalysisLibrary will facilitate collaboration and synchronization and will standardize your data pedigree and traceability.

Today's lower cost computing platforms enable broader and higher usage of modeling and simulation tools. While improving the productivity of engineering design by reducing analysis time and cost, the more widespread adoption of modeling and simulation introduces new challenges of effective data management, knowledge capture and information sharing. The AnalysisLibrary by Phoenix Integration overcomes these major barriers to further improving design processes.

### Replace your shared drive with online intelligent analysis management

The AnalysisLibrary provides a central server to manage engineering analysis files and related data. Your content is grouped into analysis folders with descriptive meta tags and online search capabilities to quickly find it.

**Issue:** Without AnalysisLibrary, users must manually store data on their computer or, at best, on a shared file server where the data is not easy to find or reuse. Data is only accessible by manually searching files. When data is found, its quality and purpose are often unknown.

**Solution:** As content is saved to the AnalysisLibrary, meta data captures key information about files and the analysis that was performed. Data can be intelligently searched and accessed at anytime using a web browser. The AnalysisLibrary manages files the same way a file server does—by assigning owners to files and controlling access. Windows users can easily access, drag, and drop files using the AnalysisLibrary's familiar Windows Explorer-like interface. Files can also be accessed using standard protocols including HTTP and Web DAV.

### Automatically enforce rules for effective knowledge capture

**Issue:** When a project ends, simulation files are usually left where they were generated—on analysts' computers. When an analyst retires or leaves your organization, the knowledge generated leaves with them.

**Solution:** AnalysisLibrary provides the means to automatically capture, manage and reuse the intellectual property created with modeling and simulation tools—including data dependencies, value tracking, and various reporting on content, version control, audit trail, file aging and more. Your organization gains instant insight and control relating to the pedigree and traceability of data throughout its life cycle.

### Automate and syncronize design collaboration

**Issue:** Multiple team members must synchronize their simulation data for accurate results. The most common method is sharing files through email, which is error prone and makes it difficult to track decisions.

**Solution:** AnalysisLibrary enables team members to collaborate in a centralized, dynamic, data repository where everyone works with the same information. As content is modified, the AnalysisLibrary automatically sends emails to notify team members of changes. In cluster and grid computing environments, the AnalysisLibrary improves project workload and resource management by simplifying the process of submitting and tracking jobs to cluster resources for execution.

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**WORK SMARTER AND MORE PRODUCTIVELY!**

**Subscribe to the Early Adopter Edition of AnalysisLibrary starting at $300/seat!**

**Contact Phoenix Integration today at 800.500.1936 to arrange for more information and for your demonstration of AnalysisLibrary with intelligent management of modeling and simulation data.**

## FEATURES

**Analysis Folders.** Content is grouped into Analysis Folders, which are like other digital folders but also contain meta tags for describing the content.

**Analysis Explorer.** Windows users access files using familiar Explorer-like client applications. Files can be dragged and dropped in and out of the Windows client.

**Open Access.** AnalysisLibrary files can also be accessed using standard protocols including HTTP and WebDAV.

**Search.** Google-like online search enables users to find any content instantly.

**Automatic Web Reports.** When files are sent to the AnalysisLibrary, the system automatically extracts information that summarizes file content for quick and easy reporting.

**Wiki Content Editor.** In addition to automatic reports, users can create their own reports using GUI tools for editing HTML.

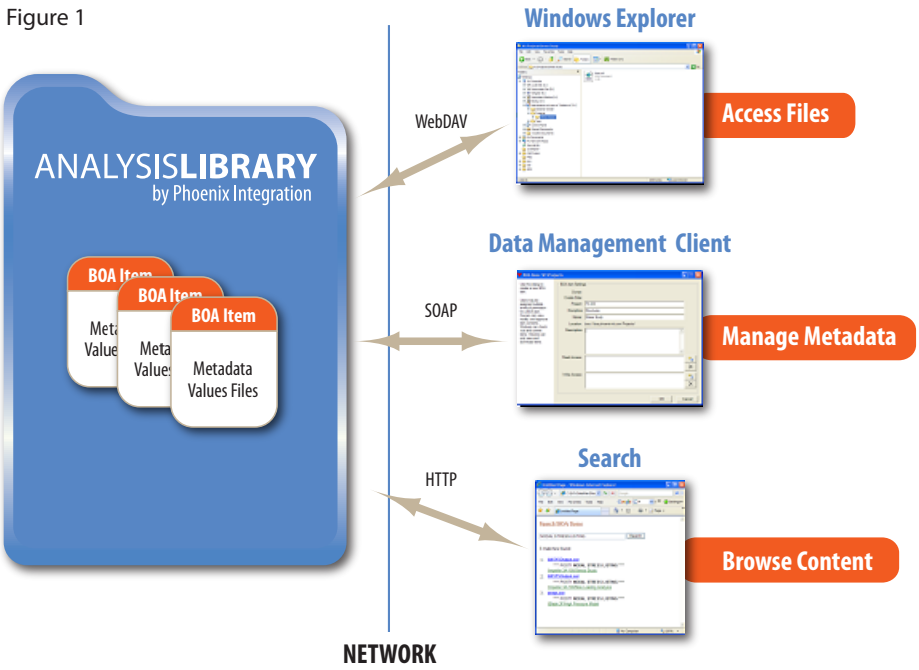
**Version Control.** Content is version controlled at the folder level for easy grouping and to accommodate multiple evolutions of modeling and simulation scenarios.

**Audit Trail.** Analysis Folders include the history of how they were created and any data dependencies on other Analysis Folders.

**File Aging.** Files can be automatically deleted when they are no longer needed to avoid system bloat that can often occur with simulation data.

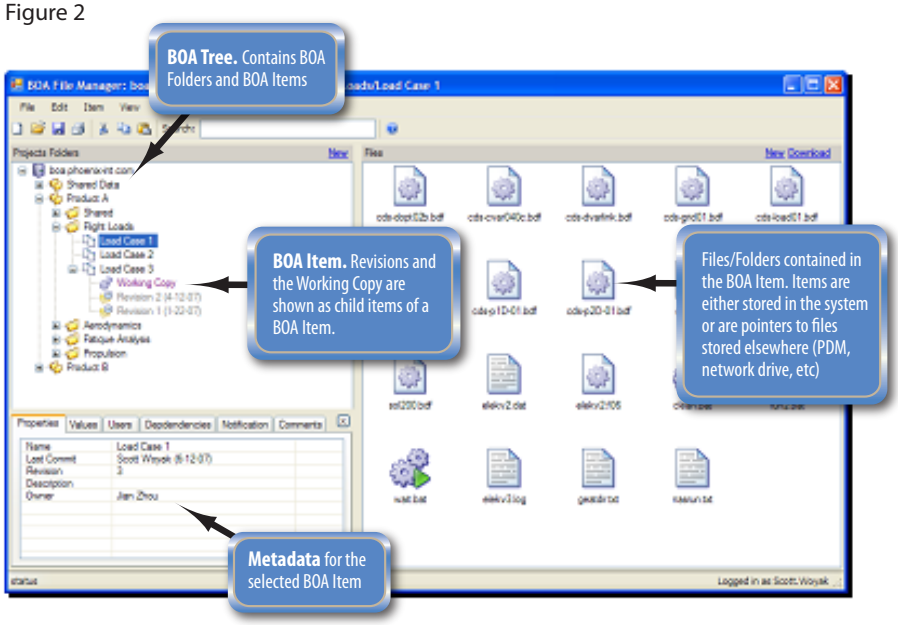
**Change Notification.** As content is modified, the AnalysisLibrary automatically sends emails to notify team members of changes.

Figure 1




AnalysisLibrary overcomes barriers of effective data management, knowledge capture and information sharing related to modeling and simulation processes.

Figure 2




AnalysisLibrary captures all files, values and results associated with analysis; supplements the data with meta tags, summary key values and dependency mapping; and provides the tools for online content searches, data viewing and reporting, and optimizing the performance of project teams.

**Toll-free:** 800.500.1936
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