averiSource Discover

Gain insights into your legacy architecture, data handling, and code interdependencies.

Scan
Evaluate the legacy codebase and determine risk.

Inventory
Assess the contents of the legacy estate.

Discover
Unravel application architecture and data handling.

Analyze
Examine execution paths and business rules in-depth.

Transform
Leverage AI to modernize legacy code.

Discover extends the **Inventory** repository, enabling a deeper dive into the application and data architectures, call chains, complexity, data access patterns, data lineage, and data dictionary.
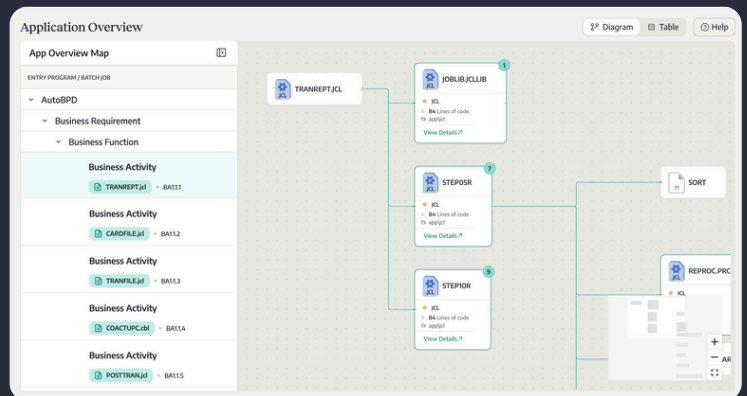
⚠ Problem

Identifying and understanding your application and data architecture, dependencies, data access patterns, applications shared across data sources, types of data access (identifying output-only files, for instance), or which business function components are related, can take considerable manual time and effort, and typically requires subject matter and platform experts. Ensuring that all items have been identified and properly classified is a tedious task, and difficult to verify.
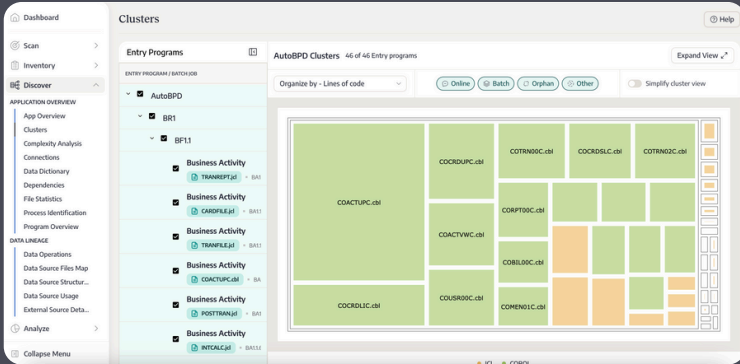
√ Solution

AveriSource Discover enables and accelerates application architecture analysis. It provides views and diagrams to see applications at a high level, as well as drill down into the code for detailed review. **Discover** enables the mapping of technical components (jobs, transactions, programs) to business functions and provides analysis and rationalization based on that mapping. This can accelerate team-based or function-based analysis and planning for modernization, source code optimization, or application maintenance tasks.

Discover enables component-to-business function mapping with Process Identification. Provides call chain and cluster diagrams, complexity, connections and dependencies, and full Data Lineage views including Data Operations, Data Source Usage, Data Structure (record layouts), and Data Dictionary.

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Discover can accelerate onboarding and application understanding, daily maintenance analysis tasks, data access pattern analysis, application modernization roadmap assessments, and modernization project planning.

Implementation Requirements

Hardware

- ✅ 1 server (2 if client wants DB installed separately)
- ✅ 8+ CPU cores (per server)
- ✅ 64+ GB memory (minimum, per server)
- ✅ 500 GB storage (minimum, per server)

Software

- ✅ Windows Server (v2012 R2 or greater)
- ✅ .NET Framework (v4.7+)
- ✅ IIS (v8+)
- ✅ MS SQL Server (v2016+)
- ✅ SQL Server Management Studio (SSMS), compatible version with DB server
- ✅ Microsoft Word (v2016+)
- ✅ Microsoft Excel (v2016+)
- ✅ Chrome Web Browser (latest)

Our mission is to help you accelerate your application analysis and modernization journey. For sales inquiries and to book a demo of the AveriSource Platform, email us at hello@averisource.com or click the button below.

Contact Us

For more information about the use of **AveriSource Discover**, including application analysis, business rule extraction, AI-powered code transformation, application modernization roadmap assessment, supported platforms, languages, and databases, visit our website.

View Website