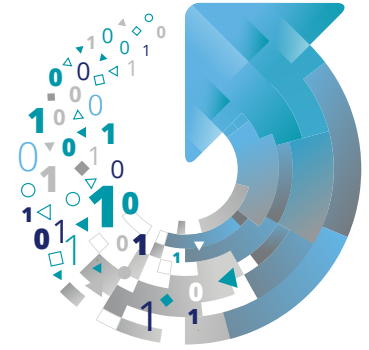




Application Modernization: innoWake™ Discovery



An automated assessment of legacy code and the technical landscape



Discovery is an automated diagnostic tool that assesses your current-state technology

to create a high-level view of your code-base, data, and third-party applications.

Discovery, a solution within our Application Modernization powered by innoWake™ suite, delivers a summary of your technology landscape that helps determine how you can achieve your modernization goals. The product provides information on application components (such as JCL, COBOL, data sets, utilities), detailed application stats (screens, interfaces, and third-party apps), and the technology stack.

The product gathers and analyzes information that includes current technologies, lines of business, programming languages, database-management systems, interfaces, third-party software, and more.

This assessment can help you:

- Understand the volume and complexity of legacy code
- Identify online and batch programs
- Pinpoint program dependencies
- Determine third-party tools and utilities

The results of a Discovery assessment are typically available within six to eight weeks.

Key capabilities

Technical summary: Provides a technical overview of current codebase, data, and applications

Application decomposition: Identifies how many batch and online programs are shared (call each other) or unique (don't call each other)

Business rule candidates: Detects potential business rules within an application and then categorizes probable business rules

Mainframe info: Creates an intuitive visual representation of the mainframe environment

Preferred language: Reveals the different types of programming language each application uses

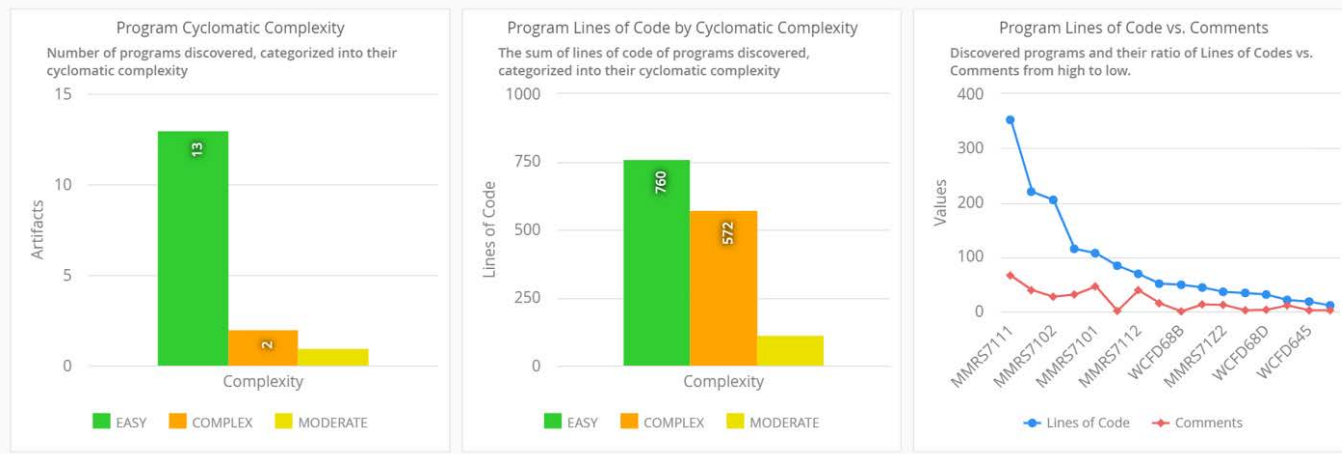
Interface classification: Detects and categorizes the number of system interfaces and the protocol type (e.g., FTP, direct database update, etc.)

Summary



Reports include a summary visualization of system components like lines of code, online programs, screens, batch files, and interfaces.

Code Quality



Discovery generates a visualization of the application's program cyclomatic complexity.

How Discovery can help guide your modernization journey

The Discovery solution uses automated tools to perform a technical assessment of your current-state mainframe landscape, technology stack, and third-party software. Whether your goal is to migrate off a mainframe or launch a large-scale modernization initiative, Discovery can assess and scope any type of transformation, mining (e.g., business rules externalization), and modernization project.

Our team starts a Discovery assessment by meeting with your business stakeholders to gain an overview of current and future needs, as well as your overall modernization direction. Next, your organization submits its code for review, enabling us to remotely perform the diagnostic. We also conduct a qualitative evaluation of your digital maturity, testing assets, and staff skills.

Discovery findings are summarized in a report that enables us to demonstrate scope the effort and resources needed to plan a singular modernization initiative. We follow up with in-person interviews with your SMEs to address questions that cannot be answered by an automated code review, as well as discuss modernization options.

The Discovery assessment can help organizations reduce risk by better understanding the structure of legacy applications and how they interoperate with other software. For organizations ready to tackle modernization, Discovery results enable our specialists to design and implement end-to-end modernization capabilities tailored to your individual needs.

LEARN MORE

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To learn more about Deloitte's Discovery solution, visit:
<http://www.deloitte.com/us/appmod-discovery>

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