Discovery uses an automated diagnostic tool to explore legacy code and supporting technologies to create a structural blueprint of your code base, data, and applications.

Discovery, a solution within our Application Modernization powered by innoWake™ suite, is typically an organization’s first step in its modernization journey. Additional tools such as surveys are part of the assessment. Discovery comprehensively maps the organization’s current-state technical landscape and dependencies. The solution helps rationalize the application portfolio and architecture in ways that can help organizations plan the general direction of future-state technology initiatives.

It gathers information that includes current technologies, lines of business, programming languages, database-management systems, interfaces, modernization goals and timeframes, and more. Typically, the results of the Discovery assessment are available within six to eight weeks.

The Discovery dashboard (below) can be configured for each user’s preferences:

Key capabilities

Technical summary: Provides a comprehensive technical understanding of current codebase, data, and applications.

App map: Determines how applications interact with one another, as well as how they access different types of data.

Code structure: Analyzes the structure of legacy code such as JCL, COBOL, and Natural.

Mainframe map: Provides a visual diagram of the mainframe environment, including code complexity and dependencies.

Preferred language: Reveals the different types of code used by each application.

Q&A: Follow-up sessions with the Application Modernization team to clarify findings and answer questions raised by the diagnostic review.
Our Discovery solution uses proven tools and methodologies to perform a technical assessment of your codebase and capture the information to make modernization as seamless as possible. Interviews with your SMEs to address questions that cannot be answered by a technical review of code are also conducted.

Our team of specialists uses Discovery results to design and implement end-to-end modernization capabilities tailored to the needs of individual organizations.

Examples of Discovery assessment results

Discovery Dependencies (below, left) is a user-controllable graph that reveals dependencies between objects. Discovery Utilities (below, right) presents a live visualization of discovered utilities used in the codebase.

How Discovery can help guide your modernization journey

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Our team of specialists uses Discovery results to design and implement end-to-end modernization capabilities tailored to the needs of individual organizations.

Discovery integrates with Application Modernization powered by innoWake™ solutions to help deliver an end-to-end Modernization offering.

The solution, for instance, gathers the technical information about code and data necessary to plan and implement an effective Transformation initiative. It also provides an understanding of the structure and interdependencies of legacy applications to help reduce risk during the Transformation process.

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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