



vFunction

vFunction Assessment Hub

AI for Application Modernization

The vFunction application modernization platform rapidly assesses monolithic applications and transforms them into microservices. Using AI, the vFunction Assessment Hub calculates the complexity, risk, and modernization opportunities associated with applications so decision makers can accurately formulate a data-driven modernization strategy

Formulate a Data-Driven Application Modernization Plan

Analyze

Application Estates

Calculate

Complexity and Debt

Prioritize

Apps for Modernization

Accurate Application Assessments are Difficult

Building an accurate, data-driven application modernization plan is extremely difficult. Without the proper AI-driven assessment tools it's impossible for decision makers to analyze the technical debt of monolithic applications, accurately identify the source of that debt, and measure its negative impact on innovation.

Current manual assessment approaches are slow, complex, costly, and prone to failure. To increase innovation velocity and scalability, you must directly address accumulated technical debt across your application estate.

Poor assessment data results in:

- Inaccurate modernization business cases - no cost basis, no before/after benefits, no action plan
- Bad estimates based on best guesses versus data-driven measurements
- Misdirected, poorly prioritized app modernization efforts
- No ROI, no time estimates, no TCO data
- More failed modernization projects



vFunction Assessment Hub

Formulate your modernization strategy

Purpose-built modernization assessment for decision makers. AI-based analysis condenses data into 3 high-level indicators that allow you to assess, prioritize and drive immediate action on your modernization projects by seamlessly on-boarding apps into the full vFunction platform.

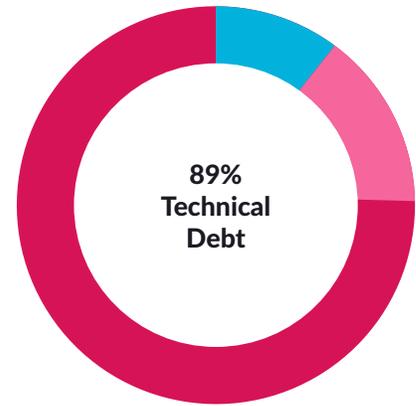
- Calculate complexity, risk and technical debt indicators
- Automatically evaluate the innovation to technical debt cost ratio and total cost of ownership (TCO) factor improvement by modernization
- Identify and recommend classes to refactor
- Share exportable report to build the business case for modernization

Calculate

AI-trained algorithms calculate the technical debt of your monolithic applications, accurately identify the source of that debt, and measure its negative impact on innovation.

Analyze

Analyze key metrics that provide ROI and TCO measurements critical for more effective and compelling application modernization business cases.



- \$0.11 Innovation
- \$0.89 Debt
- \$0.154 High Debt Classes

Prioritize

Understand cost of technical debt versus innovation, the top 10 debt classes, and stack-rank which apps to modernize first, quantify the complexity, and clearly assess the benefits of modernization.

Modernize Immediately

Directly, seamlessly, and immediately move to refactoring, re-architecting, and rewriting applications with the vFunction Modernization Hub.



vFunction

[Request a Demo](#) ▶

About vFunction

vFunction is the first and only AI-driven platform for architects and developers that intelligently and automatically transforms complex monolithic applications into microservices, restoring engineering velocity, increasing scale, and optimizing the benefits of the cloud. Using AI, the vFunction platform calculates the complexity, risk, and modernization opportunities associated with monolithic applications, and enables architects to iteratively design and deploy improvements to software architecture. With vFunction, leading companies around the world are accelerating the journey to cloud native architecture and gaining a competitive edge. vFunction is headquartered in Palo Alto, CA, with offices in Israel. To learn more, visit vFunction.com.