Architectural Observability Platform

vFunction

Microsoft

vFunction is the industry's first AI-driven, **Architectural Observability** Platform to manage technical debt, enable application modularization, and support continuous application modernization on Azure.

Continuously observe the architecture of Java & .NET applications, identify their domains and detect architectural drift. Find, fix, manage, and prevent architectural technical debt thereby modularizing your applications on Azure.

Observe	**Manage**	**Transform**
Your Architecture	**Your Technical Debt**	**Your Applications into Microservices on Azure**

Technical Debt: An Organization's Greatest Unaudited Liability

"By 2026, 80% of technical debt will be architectural technical debt." - Gartner*

"To help their organizations to successfully measure and monitor technical debt, software engineering leaders should:

Prevent time-consuming architectural rework by introducing tools to analyze architectural technical debt and monitor the amount of debt in their software architecture." *

Without measuring and using the right tools to manage and remediate architectural technical debt, it will become your organization's largest unaudited liability.

This creates significant compliance and off-balance sheet risks and exposure, hidden from the C-suite until it's too late. If migrating to the Azure cloud, just lifting and shifting your architectural technical debt to Azure will prevent you from realizing the true benefits of the cloud.

In summary, like financial debt, technical debt must be surfaced, tracked, and managed.
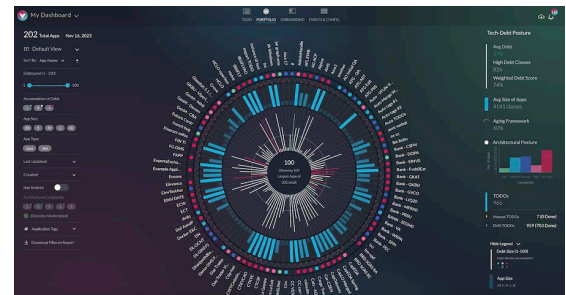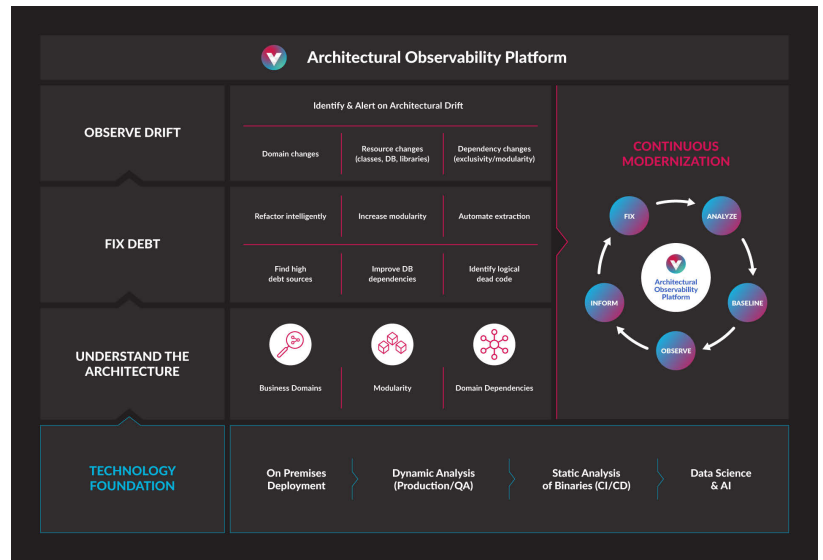
Architectural Observability
Find, Fix, and Manage Technical Debt

The vFunction Architectural Observability (AO) Platform analyzes an application statically and dynamically, and uses AI to understand its architecture, observe drift, find and fix architectural technical debt, enable its modularization thereby facilitating extraction of domains into microservices, using its Code Copy feature on Azure.

Architectural observability is foundational to any modernization use case, including modernization associated with pre- and post-migration to Azure, and enables organizations to directly improve:

- Feature release cycles
- Business velocity
- Speed of innovation

- Developer productivity
- Scalability
- Cloud benefits & cost

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vFunction on Azure Marketplace

vFunction

Request a Demo

About vFunction

vFunction is the first AI-driven Architectural Observability Platform designed to help software architects manage technical debt, modularize applications, and enable iterative application modernization, from basic refactoring to full rewriting and microservices extraction. vFunction is headquartered in Palo Alto, CA, with offices in Israel, Austin, TX, and London, UK.
To learn more, visit vFunction.com.