Replit | Microsoft

Ship enterprise apps natively into Microsoft Fabric

Equip your organization to build on Fabric with automated governance and security.

THE CHALLENGE

Building applications within Microsoft infrastructure has always required deep technical expertise. Enterprise-grade apps need to adhere to internal policies along with security and compliance measures. As a growing number of internal teams need customized tools, governing and securing those applications can become cumbersome for technical leaders within the enterprise.

THE SHIFT

Replit and Microsoft Fabric unlock the ability for business users to build custom apps without the need for hands-on technical leadership. Utilizing Replit's AI Agent, any team can describe their needs in plain language, and their app is built directly into their Microsoft environment in Fabric, while automatically inheriting Microsoft Entra identity, Purview governance, and OneLake data sovereignty.

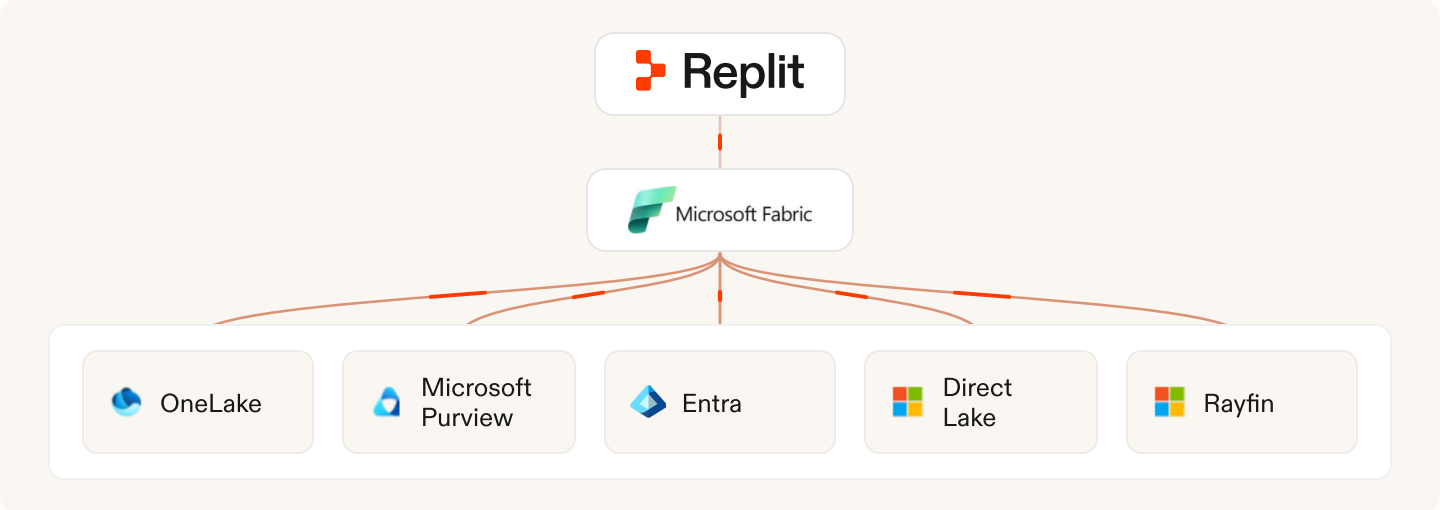
The result: simplified, custom-built, production-ready applications on your existing Microsoft infrastructure without the need for technical resources.

USE CASES

Operational Dashboards
Generate interactive dashboards and visibility tools directly on Fabric.

Create Full-Stack Applications
Move beyond read-only with full create, read, update, and delete operations on a project-scoped Microsoft SQL database.

Unlock Productivity
Design applications for each team's unique needs utilizing the data you already own.



BUILT & SECURED FOR ENTERPRISE TEAMS

Microsoft-native
Automatic Purview governance and compliance, enforced through Entra.

Data sovereignty
Apps query Fabric data directly with no data passing through external systems.

Visibility & compliance
Complete audit logging and centralized vulnerability management.

Isolation & control
Private deployments and organized access controls keep every app contained.

Identity & access
SSO (SAML/OIDC), SCIM provisioning, and granular role-based access control.

PUT YOUR IDEAS TO WORK

REPLIT.COM/PARTNERS/MICROSOFT →

WHY REPLIT & MICROSOFT FABRIC?

Eliminate the development time needed to build apps and enable the subject matter experts within your organization to build data-powered apps inside your existing Microsoft warehouse while keeping all of your current identity governance, tenant security, purview policies and entra permissions. Compliance is built in, not bolted on.

CUSTOMER STORY — LEATHERMAN

"We appreciate how quickly we can build and iterate in Replit, but for some of our business, our data needs to stay governed and centralized in Fabric. With Rayfin, we finally have both — fast development in the tools we prefer, and the confidence that our applications run on top of our enterprise data platform. This is exactly what we've been looking for."

Cody Luth
AI Solutions Architect, Leatherman

LEATHERMAN

REPLIT | MICROSOFT INTEGRATIONS

MICROSOFT PRODUCT	HOW IT WORKS	BENEFIT
OneLake DATA	Apps deployed from Replit read data directly from OneLake via the Rayfin connector.	Replit honors the data governance and controls set in your Microsoft tenant.
Purview GOVERNANCE	Apps deployed into Fabric inherit enterprise-grade capabilities, running within a unified framework for governance, security, and compliance.	Corporate governance is maintained. Every application adheres to the rules IT and data teams already have in place.
Entra IDENTITY	Rayfin apps inherit the user's Entra auth session at runtime. Per-user access controls are applied at the API level.	No custom auth setup required. Data governance is managed directly on Fabric via Workspace and item permissions.
Direct Lake PERFORMANCE	Applications query your published semantic model through the Fabric SDK using DAX. Data access happens inside Fabric via Direct Lake.	Apps surface live, up-to-date data without stale dashboards or data movement. Query performance is native to the Fabric environment.
Rayfin MICROSOFT SDK + CLI	Microsoft's SDK and CLI scaffolds production-grade app backends and deploys them directly into the customer's Fabric tenant.	Deployment becomes part of the build session. Teams ship governed production apps without a separate infrastructure project or DevOps handoff.

About Replit

Replit is an AI-powered software creation platform that allows users to describe an idea in natural language, then build, design, connect, and publish software. Replit serves a community of more than 60 million users that includes enterprises, founders, first-time creators, and students including 85% of the Fortune 500.

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