

From Enterprise Integration to Governed AI Agentification

Assessed 25 production integrations, identified governance priorities, validated an MCP gateway use case, and developed a three-stage roadmap for AI-driven enterprise automation.



25

Production Applications Reviewed



9

Connected Enterprise Systems



3

AI Agentification Stages



1

MCP Use Case Validated in DEV

Project Snapshot



Industry

FinTech / Banking & Payments Technology



Region

North America



Project Type

Architecture Assessment, AI Readiness & Agentification Roadmap



Business Functions

Salesforce, NetSuite, Workday, ServiceNow, Jira, Concur, Zuora, Spiff



Platforms Used



Brief Overview

A leading banking and payments technology company needed to prepare its enterprise integration landscape for AI-driven automation.

With 25 production MuleSoft applications connecting business systems across Finance, HR, CRM, and IT operations, the organization required stronger governance, improved integration reliability, and a scalable approach to exposing enterprise capabilities to AI agents.

ProwessSoft conducted an architecture and code assessment, validated an MCP-based integration approach, and developed a progressive AI agentification roadmap without requiring wholesale replacement of existing integrations.

Why It Needed to Change



Inconsistent API governance and security controls



Integration failures and static business rules



Fragmented workflows across finance, HR, and IT operations



Runtime, monitoring, and persistence improvements required



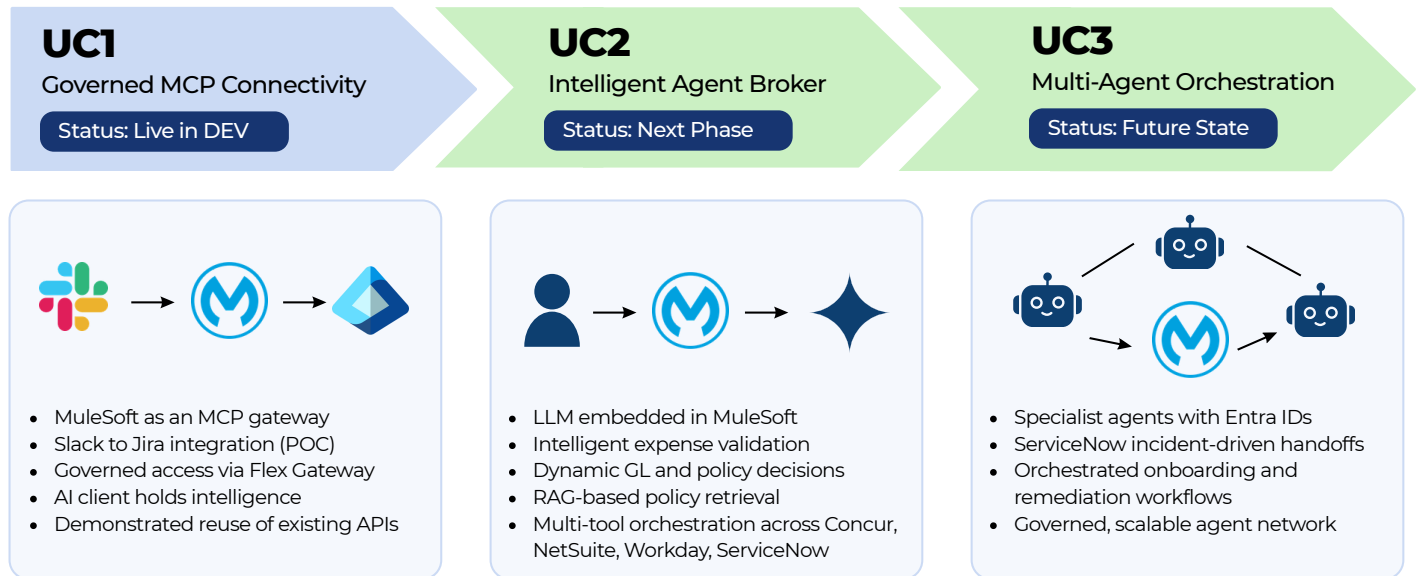
No unified governance layer for enterprise AI clients



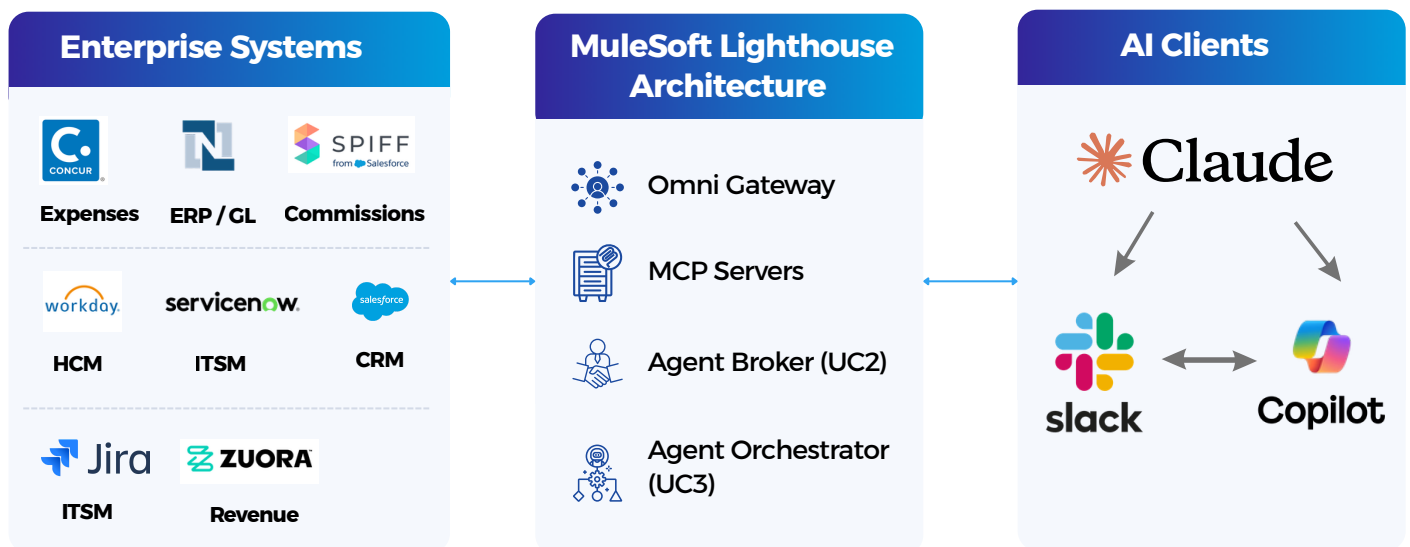
Need to introduce agentic automation without disrupting operations

The Solution: Lighthouse Architecture for AI Agentification

A phased approach that progressively introduces intelligence into MuleSoft, enabling secure, reusable and governed AI-driven business automation.



From Integration Estate to an AI-Ready Architecture



Business Impact

- ✓ Enterprise AI readiness with clear modernization roadmap
- ✓ Validated MCP use case using existing MuleSoft integrations
- ✓ Defined intelligent expense validation and onboarding automation
- ✓ Improved integration reliability and governance
- ✓ Reusable enterprise capabilities for multiple AI clients
- ✓ Implementation-ready architecture and supporting documentation

Why ProwessSoft

- Deep MuleSoft integration and architecture expertise
- Proven capability across APIs, data and AI
- Practical, phased approach to agentic automation
- Focus on security, governance and reusability
- Experience with enterprise platforms and complex integration estates



Ready to Build an AI-Ready Integration Foundation?

Transform your enterprise APIs into governed capabilities for intelligent automation with MuleSoft and AI agentification.

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