

CASE STUDY : Enhancing Workday Financials with AI-Driven Journal Automation

Eliminating manual journal processing through intelligent automation, Microsoft Copilot Studio, and seamless Workday EIB integration



EXECUTIVE SUMMARY

A finance organization partnered with Ayspire to modernize its journal entry process within Workday Financials. Current process relied on manual data preparation, complex mappings, and user-driven EIB uploads resulting in submission errors, governance gaps, & delayed load cycles. We implemented a secure, API-enabled automation solution integrated with Microsoft Copilot Studio allowing users to initiate the entire journal workflow through a simple conversational request. The solution automates data transformation, generates Workday-compliant EIB files, and submits journals directly into Workday, reducing processing time by over 90% while improving accuracy, governance, and scalability.

BUSINESS CHALLENGE

The organization's journal entry workflow posed compounding operational and governance challenges within Workday. Finance teams faced a manual, error-prone process that consumed significant time and carried meaningful audit risk. Three core problems were driving inefficiency and risk

- Manual EIB file preparation
- Complex cross-system mappings
- Limited visibility & auditability

These challenges were most acute during critical financial close periods, directly impacting the organization's ability to close books on time with confidence

AYSPIRES' ROLE

Ayspire was engaged as the AI and Workday integration consultants. We designed and implemented a fully automated, conversational journal entry solution that extends Workday's native capabilities with intelligent automation without replacing or disrupting the existing Workday environment. Ayspire delivered:

- ✓ Conversational workflow design : enabled users to trigger journal processing via natural language using Microsoft Copilot Studio
- ✓ Automated data transformation & validation engine : centralized business rules replacing manual mapping and preparation
- ✓ Workday-compliant EIB generation : creation of journal fields aligned to Work-day's EIB framework and data standards
- ✓ Secure API-based Workday integration : direct journal submission into Workday eliminating manual upload steps entirely
- ✓ Audit, security & control framework : end-to-end traceability, secure credential management, and execution logs for every transaction

CLIENT SNAPSHOT

Client	Confidential - Leading US Technology Company
Industry	Technology / Enterprise Software & Services
Tech Stack	Workday Financials , Azure, LLM , Copilot Studio

BENEFITS REALIZED

- **90%+ Processing Time Reduction with Volume Scalability**
Automated pipeline handles multi-entity, account, and period journal structures, supporting increased transaction volumes.
- **Centralized Transformation & Validation Engine**
All entity, account & reporting hierarchy mappings consolidated into a governed processing layer with built-in validation rules that reject invalid data before EIB generation.
- **Conversational AI Workflow via Copilot Studio**
Microsoft Copilot Studio front-end enables natural language-initiated journal processing with parameter validation, guided prompts, and real-time submission status
- **End-to-End Audit & SOX-Ready Governance**
Full transaction traceability with detailed execution logs across transformation