

# Automating Core SAP ERP Business Processes with BTP and AI:

## RTS Wins “Best BTP & AI Prototype” at SAP Hackathon 2025

### Overview

At the 2025 SAP Hackathon, Resolve Tech Solutions (RTS) partnered with SAP and one of the world’s largest and most recognized home-improvement retailers to develop an intelligent finance automation prototype. The project won the “Best BTP & AI Prototype” award for its innovative use of SAP BTP and Generative AI to streamline financial reconciliation and reporting.



### Challenge

The retail giant’s finance teams handled large volumes of cash statements, receipts, and bank transactions daily—processes that were time-consuming, error-prone, and slowed down month-end closing cycles. These manual workflows also limited visibility into cash flow and overall financial accuracy. The project aimed to showcase how SAP BTP, AI Core, and S/4HANA integration could automate reconciliation, enhance data accuracy, and provide real-time financial insights.

### Solution

Over the course of two weeks, RTS engineered an AI-driven financial automation prototype that intelligently processed, matched, and reconciled financial data across systems using SAP BTP and AI Core.

### Key Solution Components:

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| <b>Generative AI:</b>   | Used SAP GenAI Hub to intelligently match and reconcile financial data.             |
| <b>BTP Integration:</b> | Built with CAP and OData Services for seamless S/4HANA integration.                 |
| <b>Data Enrichment:</b> | Leveraged HANA Cloud to vectorize and enhance financial data for faster insights.   |
| <b>Automation:</b>      | Utilized AI Core and Launchpad for exception detection and workflow automation.     |
| <b>Connectivity:</b>    | Enabled end-to-end orchestration with Cloud Connectivity, and Destination Services. |

### About RTS

RTS specializes in SAP AI technology, developing purpose-built, outcome-driven platforms that deliver immediate value while remaining fully extensible for future growth. Our solutions are designed to integrate seamlessly with SAP ecosystems, accelerate time-to-value, and address real business challenges—from automation and analytics to intelligent decisioning. By combining deep SAP expertise with industry-specific insight, we help clients across a wide range of sectors deploy scalable AI capabilities that enhance efficiency, improve accuracy, and unlock measurable business outcomes.

Connect with us today and discover how we can accelerate your SAP AI journey.