

Mastermind AI Automation Platform

AppZen's Mastermind Automation Platform empowers finance teams with AI-driven, low-code, DIY process automation. It simplifies complex financial workflows such as invoice validation, policy compliance checks, travel & expense audits, and smart routing. With Mastermind, finance teams can automate their SOPs independently, leveraging AI-powered decision-making without needing IT support.

Use cases

The Mastermind Automation Platform combines AI-powered intelligence with flexible, low-code configuration for a wide range of real-world applications. These high-impact use cases demonstrate the versatility and power of the platform.

Invoice validation and processing

Automatically capture and validate invoice data using AI, eliminating manual data entry and reducing errors.

Validate invoice amount, supplier, and purchase order match, as well as specific business and operational needs.

Trigger exception workflows when mismatches occur.

Automate policy and compliance checks

Ensure corporate and regulatory policy compliance.

AI automatically detects violations in T&E and AP transactions and automates appropriate responses.

Apply nuanced T&E audit policies to expense report transactions.

Detect pattern-based fraud and misuse.

Smart routing and workflows

Intelligently route approvals based on organization hierarchies, policies and limits, prioritization, and more.

Create approval chains for different spend levels, business units, and cost centers to meet every possible business need.

Route tasks dynamically and provide insightful, action-orientated communication to end users.

Why choose the Mastermind Automation Platform?

Empower business teams

Designed for finance professionals, business users can build and modify workflows without any coding.

Automate end-to-end

Automate the full transaction lifecycle, from capture and validation to exception handling and approval workflows.

AI at the core

AppZen's proprietary ZenLM AI models understand context and natural language for real-time intelligence.

Configure and scale faster

Our AI adapts to changing policies and organizational structures, with complex routing, hierarchical approvals, and audit logic.

See data in real-time

Built-in analytics and dashboards provide insights into spend trends, audit performance, and compliance risks.

Deploy AI rapidly

Pre-built templates and reusable components allow teams to go live in days, not months.

Reduce IT dependency

Shift control to the finance team while maintaining governance and standardization.

Technical overview

The Mastermind Automation framework is built on four foundational components that work together to enable powerful, flexible process automation: Triggers, Conditions, Functions, and Actions.

T&E expense example

Manager Approval for Business/First Class

Scenario Request manager approval for any airfare that is business class or first class

Trigger	When an expense report needs approval after auditor review
Condition	Expense line type is "Airfare" Receipt contains business class or first class
Function	GET_LINE_UNAUTHORIZED_EXPENSE_CATEGORIES()
Action	Get Approval from direct manager

< **Business Class Approval from Manager**

When an expense report needs approval after auditor review

and only if GET_LINE_UNAUTHORIZED_EXPENSE_CATEGORIES()

and only if expense report line: customer expense type is Airfare

Add

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then request approval from direct manager

Add

AP invoice example

AP Invoice Exception Workflow

Scenario Automatically send an invoice to Purchase Order (PO) Requestor to resolve price mismatch exceptions

Trigger	When an invoice exception is raised
Condition	PO has price mismatch exception
Action	Assign task to PO Requestor to approve price exception

Exception handling automation

Automation 1

When an invoice exception is raised

and only if the exception name is Line unit price mismatch

Add

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then assign an exception task to the PO requester

Add

The building blocks powering intelligence finance automation

The Mastermind AI Automation Platform's DIY low-code capabilities, combined with proprietary ZenLM AI models, deliver end-to-end automation for finance workflows. Teams can independently build and manage complex processes, replacing manual SOPs with intelligent, scalable automation – empowering finance operations like never before.