

AI-POWERED BPM · MODERN ENTERPRISE FRAMEWORK

Every approval stuck in someone's desk is a business at a halt.

Esii ApprovAI is an enterprise workflow and approval automation platform that enables digital workflow, configure approval chains, set escalation rules and give every stakeholder real-time visibility into where a request stands, from any device, AI assisted progress feed, enabling audit trail and version control.

10+Enterprise
Clients**30+**Departments
Live**433K+**

Users

30M+Approval Notes
Processed

THE PROBLEM

Most enterprises are running critical business approvals over email threads and WhatsApp groups. The consequences are entirely avoidable.

01 There is no audit trail. When an auditor asks who approved what and when, the answer is a search through six months of email.

Compliance audits for procurement, finance and HR require evidence that approvals followed the authorised chain of command. Without a system that captures the approver's identity, the timestamp and the version of the document that was approved, this evidence has to be reconstructed from email archives, which is unreliable and time-consuming.

02 There is no single place to see the status of a pending approval.

A purchase request is sent to one approver by email. They forward it to a second approver. The second approver replies only to the sender. By the time the request is escalated, three different people have different versions of the thread and nobody knows which one is current. The requesting team calls each approver individually to check where things stand.

03 Approvals require the approver to be at a desk, in front of a laptop.

A director travelling for three days holds up five pending requests because the approval process requires logging into a desktop system or replying to an email with the right keyword. There is no mobile-first approval capability that allows a decision to be made in thirty seconds from a phone.

04 Approval requests are lost in overloaded inboxes with no reminder or escalation mechanism.

A request sent on Monday sits unread until Thursday. There is no automatic reminder to the approver. There is no escalation rule that triggers if the approval is not completed within 48 hours. The requester has to chase manually, which consumes time and creates friction in relationships that should be collaborative.

Complete Audit Trail
Every decision logged

Real-Time Visibility
Status of every request

Mobile-First Approvals
Approve from any device

WHAT ESII APPROVAI DOES

ApprovAI replaces email-based approvals with a structured, automated workflow engine built on top of your existing infrastructure.

ApprovAI is an enterprise-grade Business Process Management (BPM) and Workflow Automation platform. It transforms manual, slow-moving corporate approvals into secure, agile, and automated digital workflows.

Architecturally, it maximizes existing infrastructure and investment by integrating natively into Modern Framework / SharePoint Online or deploying on open-source platform.



Dynamic Forms for Pre-Configured Industry

Department heads and process owners configure their own approval chains, routing rules and escalation steps through a visual interface. No developer involvement is needed for standard workflow changes.



Multi-Level Approval Routing

Requests are routed sequentially or in parallel through as many approval levels as the workflow requires. Each approver sees only what they are authorised to act on, along with the full context of the request.



Automated Reminders and Escalations

If an approval is not completed within the configured time window, the system sends a reminder to the approver and, if still pending, escalates to the designated backup approver automatically.



Mobile and Teams Approvals

Approvers receive a notification in Microsoft Teams or by email with a direct link to the approval request. The request can be reviewed and actioned from a mobile browser in less than a minute.

BUILT ON MODERN FRAMEWORK

Deploy ApprovAI on your existing infrastructure with minimal or no additional infrastructure required. No new user accounts. No separate identity system.



SharePoint



Microsoft Teams



Outlook



Azure Active Directory



Power Automate



Open Source Frameworks

HOW IT WORKS

From the moment a request is submitted to the moment it is Reported, Approved & Archived, the entire process runs without manual coordination.

1

The request moves to the next approval level or is completed

If the workflow has multiple approval levels, the request is automatically routed to the next approver the moment the previous level is completed. If the request is at its final level, it is marked as approved and all parties are notified. If a reminder is due or an escalation is triggered, the system handles it automatically.

2

A request is submitted through a configured form.

The requesting employee fills in a structured form linked to the relevant workflow. This could be a purchase request, a leave application, a contract approval or any other process that requires authorisation. The form captures all the information the approver needs to make a decision.

3

The workflow engine routes the request to the first approver in the chain

Based on the workflow configuration, the request is routed to the designated first approver. The approver receives a notification in Microsoft Teams and by email, with a direct link to the request and all relevant context. No manual forwarding is required.

4

The approver reviews and acts on the request from any device

The approver clicks through from the Teams notification or the email link and arrives at the approval screen on a browser or mobile device. They can approve, reject or return the request for clarification, and add a comment that becomes part of the permanent record.

5

The completed request is archived within application with a full audit trail

Once a request is closed, it is archived within application with a record of every approval action: who acted, at what time, at which level and with what comment. This record is searchable and reportable at any point for compliance purposes without any manual reconstruction.

KEY FEATURES

ApprovAI is designed to handle the full complexity of enterprise approval processes, from single-level purchase requests to multi-department contract authorisations.

Complete Audit Trail

Every action taken on every request is logged with the approver's identity, timestamp and comment. Compliance reports are generated from the archive without manual data collection.

Dynamic Forms for Pre- Configured Industries

Approval chains, routing conditions and escalation rules are configured through a visual designer. No developer involvement is required for standard workflow changes or new process additions.

Sequential and Parallel Routing

Requests can be routed to approvers in sequence, where each level must act before the next is notified, or in parallel, where multiple approvers act simultaneously and the request proceeds when all have responded.

Automated Reminders and Escalation

Configurable reminder timers notify approvers before a deadline is crossed. If the approval is not completed, the request is automatically escalated to the designated alternate approver.

Delegation and Substitution

Approvers who are unavailable can delegate their approval authority to a substitute for a defined period. All delegated actions are logged against both the original and the substitute approver.

Sequential and Parallel Routing

Requests can be routed to approvers in sequence, where each level must act before the next is notified, or in parallel, where multiple approvers act simultaneously and the request proceeds when all have responded.

Mobile-Friendly Approval Interface

The approval interface is fully responsive and accessible from any mobile browser. Approvers receive a Teams or email notification with a direct link and can approve or reject in under a minute from their phone.

Multi-Department Configuration

Each department or business unit operates its own approval workflows, with its own routing rules and escalation paths, all within the same ApprovAI instance.

Multi-Channel Notifications

Approval requests and status updates are delivered through Microsoft Teams, Outlook email and in-app notifications. Approvers are reached on the channel they are most likely to act on promptly.

WHERE APPROVAI IS BEING USED

ApprovAI is in production across procurement, HR, finance and operations teams at large enterprises in India. Each department runs its own workflows within the same platform.

FINANCE AND ACCOUNTS

Payment approvals and budget exception authorisations with a complete signed record

Payment requests above the configured threshold are routed for multi-level approval before the accounts team processes the payment. Budget exception requests are handled through a separate workflow with mandatory justification capture. All approved requests carry a full digital trail of who authorised the payment and when.

PROCUREMENT

Purchase request approvals with multi-level vendor and finance sign-off

Purchase requests above a defined threshold are routed through a configured multi-level chain: department head, finance controller and CFO. Each approver sees the vendor details, cost centre and supporting documents. The entire chain is completed within the system with no email exchange required.

OPERATIONS AND PROJECTS

Change requests, vendor contracts and project scope approvals managed through structured workflows

Change requests that affect project scope, timeline or budget are routed through project manager, business head and delivery lead for sign-off before implementation. Vendor contracts are sent through legal and commercial review via ApprovAI, with each reviewer's comments captured and version-controlled within the workflow record.

HUMAN RESOURCES

Leave requests, policy acknowledgements and onboarding approvals automated end to end

Leave applications flow from the employee to their line manager, with automatic delegation configured for when the manager is on leave. Policy acknowledgements are routed to all relevant employees and tracked for completion. Offer letter approvals are routed through HR, business head and finance in a single workflow.

INDUSTRIES WHERE APPROVAI IS LIVE

Real Estate

Banking Services

Manufacturing

IT/ITeS

Enterprise Procurement

Financial Services

Infrastructure and Projects

APPROVAI IN NUMBERS

These are not projected figures. They are production numbers from live enterprise deployments running today.

10+

Enterprise Clients

Across real estate, pharma,
manufacturing and chemicals

30+

Departments Live on ApprovAI

Across procurement, HR,
finance and operations

433K+

Users

Requesters and approvers
across all deployed clients

30M+

Approval Notes Processed

Decisions captured, logged
and archived in the system

WHY APPROVAI IS DIFFERENT

Most BPM platforms are infrastructure-heavy projects that take months to deploy. ApprovAI is different in four specific ways.

01 Proven in production across Indian enterprises, not a pilot project.

ApprovAI has been running in live enterprise environments for several years. The 433,000+ users and 30+ million processed approval notes are the result of real operational workloads, not controlled test environments.

02 Minimum or no new infrastructure. Runs on both Modern Framework or Open Source Environment.

ApprovAI is deployed on your existing Modern Framework and SharePoint tenancy. There are no new servers, no new databases and no new network requirements. Your IT team's deployment effort is a fraction of what a conventional BPM platform would require.

03 Process owners can configure workflows without raising an IT ticket.

The no-code workflow builder allows department heads and process owners to design and modify their own approval chains. Changes that would typically require a development sprint can be configured and deployed in hours.

04 No new user accounts. Your team logs in with their AD credentials.

Employees and approvers use the same username and password they use for Outlook and Teams, or through their open-source accounts. There is no separate application login, no additional password to manage and no training required to access the approval interface.

INTEGRATION ECOSYSTEM

ApprovAI connects to the platforms your teams are already using, so there is no disruption to how people work today.

ApprovAI is built with flexibility across both Modern Framework and high-performance Open-Source environments, all Modern Framework applications, modern web frameworks, and standalone databases are available as cross-compatible connectors without custom integration work.

MODERN PLATFORM AND OPEN SOURCE FRAMEWORK

SharePoint Online

Microsoft Teams

Outlook and Exchange

Open Source Frameworks

Power Automate

Azure Active Directory

DEPLOYMENT OPTIONS

On Your Modern Framework Tenant (Recommended)

Deployed on your existing Modern Framework environment. Data stays within your organisation's Azure boundary. Compliant with your existing data residency policies.

Dedicated Cloud Instance

A separate ApprovAI instance provisioned on Azure for organisations that prefer a fully isolated deployment with dedicated resources and custom configurations.

Self-Hosted Open-Source Instance

A separate, independent ApprovAI instance deployed within your own infrastructure for organisations that prefer absolute data ownership, fully isolated resources, and custom configurations.

SECURITY AND COMPLIANCE

Azure AD Authentication

Modern Framework Data Residency

Role-Based Access Control

ISO 27001 Aligned

Complete Audit Logging

See ApprovAI running in your Modern Framework or Open-Source environment.

We configure a live workflow demonstration using your existing M365 tenancy and your own approval use case.

[Book a Demo →](#)

esii.in
info@esii.in
A PC Solutions IP Brand
New Delhi, India