Agentic AI Framework for Operational Intelligence

NovaOps AI - Powered by Noventiq

Objective:
- Automate IT budget tracking, vendor document intelligence, and MoM generation using multi-agent AI.

Key Use Cases:
- IT Asset Budget Alerts from Snow;
- Vendor PDF Extraction & Summary from SharePoint;
- MoM Automation from Teams calls.

Integrations:
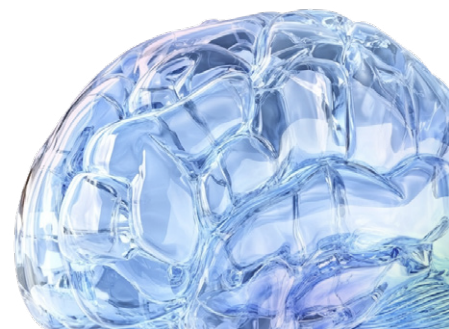- Snow, SharePoint, Microsoft Teams, Outlook, D365.

Benefits:
- 50–70% time savings on audits, budget escalations, and documentation;
- Real-time alerts for overspend and vendor anomalies;
- Structured, searchable meeting insights;
- Secure role-based access and full auditability.

Built With:
- Azure OpenAI, Azure Logic Apps, Cosmos DB, Power Automate, Azure App Services.

Security:
- Azure AD authentication and RBAC;
- Logs and audit compliance.

Phased Service Approach

Phase 1: Assessment & Planning

- Identify key use cases: budget tracking, vendor PDF extraction, and MoM generation;
- Conduct system readiness checks across Snow, SharePoint, D365, and Teams;
- Define threshold logic, data flows, and role-based access matrix.

Phase 2: Architecture & Design

- Define agent workflow structure: parsing, summarisation, alerting, validation;
- Plan Azure integrations: Blob Storage, Logic Apps, Cosmos DB, OpenAI;
- Map entity relationships across Snow (IT assets), SharePoint (PDFs), Teams (transcripts).

Phase 3: Development & Integration

1. IT Asset Budget Monitoring Agent:
- NLP-powered query assistant for Snow data;
- Budget thresholds + proactive alerts via Teams/Outlook.

2. Vendor PDF Query Agent:
- Extract data from invoices/contracts in SharePoint;
- Optional validation with D365.

3. MoM Generator Agent:
- Auto-transcription + structured minutes from Teams recordings;
- Action item tagging, timestamps, speaker identification.

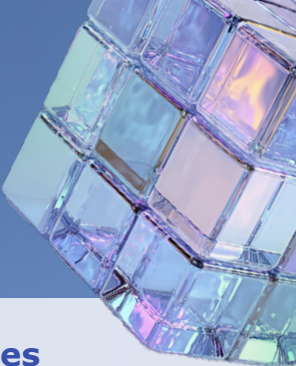## Phase 4: Deployment, Enablement & Governance

- Deploy agents within Azure App Services + Cosmos DB;
- Configure RBAC and audit trail framework;
- Set up admin portal for prompt tuning, user access, and logs;
- Conduct UAT with business stakeholders.

Phase 5: Continuous Optimization (Optional)

- Expand agent capabilities (multilingual support, deep validations);
- Monitor usage trends and fine-tune prompts;
- Support additional use cases and integrations.

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Professional Services Deployment Scope

Phase	Scope of Work	Deliverables
Discovery & Planning	Stakeholder interviews, system readiness, use case alignment	Solution blueprint, entity flow design
Design & Build	AI agents for budget alerting, PDF extraction, MoM generation	Code base, models, workflow configs
Integration & Testing	Azure app hosting, Teams + SharePoint + Snow + D365 integration	UAT logs, integration checklist
Deployment & Handover	User enablement, portal access, documentation delivery	Admin console, access policies
Optional Support	Prompt tuning, use case expansion	Support log, enhancement packs

Estimated Delivery Timeline

5–7 workdays	12–15 workdays	5 workdays	3 workdays
Discovery & Design	Development & Integration	Testing & Deployment	Enablement & UAT

Total Timeline: 4-5 weeks (20-25 business days)

Estimated Cost (INR)

Component	Cost (INR)
Core Agentic AI Deployment	₹9,00,000 – ₹11,00,000
Add-on: Validation Logic with D365	₹1,00,000 – ₹1,50,000
Add-on: Teams MoM Audio + Action Mapping	₹1,00,000 – ₹1,75,000
Optional 1-Month Support & Tuning	₹1,50,000

NOTE: Final pricing depends on document volume, integration complexity, and user count.

Ready to Transform Your Operational Workflows?

Request Demo:

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