

AI Compliance and Policy Violation Detection Agent

Organizations handle thousands of **contracts, agreements, and policy documents** every month.

Manually reviewing these documents for compliance is:

- Time-consuming
- Prone to human error
- Costly

This AI-powered workflow automates that process.

It reads and analyzes documents — such as **contracts, vendor agreements, NDAs, or employment policies** — and compares them against internal company rules or legal regulations.

Key Demand Areas:

- **Corporate Legal Departments:** For checking contract clauses and compliance obligations.
- **HR and Procurement:** To verify terms in employee or vendor agreements.
- **Financial Institutions:** To ensure documents meet regulatory standards (e.g., KYC, GDPR).
- **Startups and SMEs:** To automate compliance and reduce legal costs.
- **Health Care:**

Verifies that patient data sharing or documentation complies with HIPAA or other privacy laws.

Node-by-Node Explanation

1. Monitor Gmail (Trigger Node)

- Watches a Gmail inbox for incoming emails with attachments.
- Each new email automatically triggers the workflow.

3. Split Attachments

- Splits multiple attachments into separate items for individual analysis.
- Useful when one email contains several documents (e.g., a service contract + terms sheet).

4. Extract Attachment Content

- Converts the attached document (PDF/DOCX) into plain text.
- It allows the system to read the actual contents of the document.
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5. Prepare Attachment Data (Set Node / Manual Config)

- Cleans or structures the extracted text.
- You can use this step to rename fields, remove metadata, or format text for the AI model.
- Essentially, it “prepares” the document for intelligent analysis.

6. Organization Policy Configuration (Manual Node / Data)

- Contains your company’s **policy database or compliance rules**.

7. AI Document Compliance Node (AI Agent Node)

- This is the **core intelligence** of the system.
- It sends the prepared document text and policy configuration to a **language model (like GPT or Gemini)**.
- The AI analyzes the document line-by-line and identifies:
 - Missing clauses
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 - Violations
 - Non-compliant sections
 - Suggestions for correction
- Returns a structured JSON or text summary.

8. Google Gemini Chat Model

- The underlying **AI model** used for text interpretation and compliance checking.
- It processes the text contextually and understands legal or regulatory terms.
- Works hand-in-hand with the AI Document Compliance node.

9. Document Analysis Output Parser

- Parses or formats the AI output into structured fields.

10. Check Document Compliance (IF Node)

- Uses conditional logic to check if the AI result marks the document as **compliant** or **non-compliant**.
- If compliant → workflow ends.
- If non-compliant → workflow triggers alert actions.

11. Send Document Violation Alert (Gmail Node)

- Sends an automatic email alert to compliance officers or managers.

12. Store Document Violation (Google Sheets Node)

- Logs the compliance report into a Google Sheet.
- Records details like:
 - Document name
 - Compliant status
 - Violation type
 - Reason
 - Risk level
 - Suggested fixes
- Creates a traceable compliance database for audits or reports.