



newcode.ai

Newcode Agentic AI Legal Workflows

For IBM watsonx Orchestrate · August 2026

Purpose

Newcode provides an agentic legal workflow assistant delivered to IBM watsonx Orchestrate as a remote MCP server. It is designed for in-house legal, procurement and commercial teams that need consistent document review, drafting support and legal operations triage without replacing professional judgment. The assistant uses the materials the customer already maintains – e.g. billing guidelines, legal playbooks, approved templates and negotiation standards - and applies them at volume across five document-heavy use cases that typically consume in-house capacity:

1. **Invoice analysis** - checks outside-counsel bills against the organization's billing guidelines before payment
2. **Procurement** - reviews inbound supplier contract packages against the organization's procurement playbook and related policies
3. **Contract negotiation** - reviews counterparty mark-ups of the organization's own paper and prepares suggested redlines
4. **Contract governance** - identifies template drift by comparing approved templates with real negotiated agreements
5. **Horizon scanning** - prepares sourced briefings from public information on a legal topic, regulatory area or company

The assistant produces draft work for a lawyer or legal professional to review, and advice next steps for consideration. Depending on the workflow and the inputs provided, outputs may include written assessments, prioritized recommendations, redlined contracts, draft correspondence and reports. The service is hosted and operated by Newcode; nothing is installed in the customer's IBM Cloud account.

Response Logic

Request handling

Used when

Any request reaches the assistant.



The assistant first classifies the user's request. If the request matches one of the workflows below, it opens a workflow - the unit of work that carries the matter from intake to delivered result. Requests that do not require a workflow, including questions about what the assistant can do, are answered conversationally without opening a matter.

Document review may take minutes rather than seconds, and documents should not be passed through the chat conversation. For any workflow that requires files, the assistant therefore provides a single secure link. That page collects the required documents and details, shows live progress while the workflow runs, and delivers the completed results. The chat does not need to remain open, and document content is not placed in the agent's conversation context.

The assistant will not proceed to analysis until the required inputs are complete.

1. Invoice Analysis Workflow

Used when

- An outside-counsel or law-firm invoice must be checked before payment
- Billing-guideline compliance is in question
- A bill needs to be challenged with the firm

Required inputs

- The invoice (Excel, PDF or Word)
- The organization's billing guidelines or billing rules (PDF or Word)

Rules are extracted from the customer's own document.

What it does

The workflow extracts the applicable billing rules from the customer's guidelines and is designed to help assess each invoice line against them. It may identify issues such as block or bulk billing, vague narratives, junior or trainee time charged outside agreed terms, marked-up disbursements and lump-sum entries that were not agreed in advance.

Output

Where supported by the invoice and guideline inputs, the workflow provides a line-by-line assessment that marks each item as compliant or non-compliant, explains the reasoning, cites the guideline it turns on, and includes a draft email to the firm raising the disputed items for review.



2. Procurement / Supplier Contracts Workflow

Used when

- An inbound supplier contract package must be triaged and reviewed before signature
- The organization is buying

Required inputs

- The supplier package - typically a master services agreement, a data processing agreement, and an order form or statement of work
- The standards to review against: procurement playbook, standard DPA, NDA playbook

What it does

The workflow identifies the documents in the supplier package, classifies the transaction type, and matches each document to the relevant customer standard. For example, it reviews the MSA against the procurement playbook, the DPA against the standard DPA, and the order form or SOW against the commercially agreed position.

Output

For each document, where supported by the inputs and the customer's standards, the workflow provides recommendations sorted by materiality hard redlines that should be resolved before signature, negotiation points that may be acceptable if reflected commercially, and acceptable deviations with no material impact. The output may also recommend the next step: sign, negotiate or decline.

3. Contract Negotiation Workflow

Used when

- A counterparty has returned the organization's own paper marked up
- The organization is selling

Required inputs

- The redlined or counterparty-provided contract (Word or PDF)
- The organization's standard agreement or template

What it does

The workflow analyses the mark-up from the buyer's side and identifies the legal and commercial risks introduced by the counterparty's changes. It then distinguishes changes that may be acceptable from those that should be resisted or revised.



newcode.ai

Output

Recommendations are grouped into hard stops that should not be accepted as drafted, negotiation points that may be acceptable if the commercial terms reflect them, and acceptable revisions with no material impact. Where the input format supports it, the workflow also produces a redlined document implementing the suggested revisions, ready for a lawyer to review before sending.

4. Contract Governance Workflow

Used when

- Approved templates have drifted from how the team negotiates
- Recurring clause deviations need to be identified and fed back into the template library

Required inputs

- The approved template for a contract family, as the baseline
- Negotiated and executed agreements to measure against it, which may be added over time

What it does

The approved workflow segments the baseline template into clauses, compares negotiated and executed agreements against it, and groups recurring deviations. It tracks how often the same change appears, how recently it was accepted, and whether it conflicts with a mandatory policy. When a deviation meets a configurable review threshold, it is raised for human decision.

Output

A deviation report showing which clauses are renegotiated most often and which changes are trending; template-update recommendations with proposed wording, supporting examples and a risk tag; and a governance package - proposed template, summary of changes and decision log - for a human owner to approve, reject or defer. Templates are never republished automatically. Publication always follows explicit human approval.

5. Horizon Scanning Workflow

Used when

- Current information is needed on a legal topic, a regulatory area or a company
- No document review is involved

Required inputs

A question in chat - *"collect last week's news on the EU AI Act", "what are the recent public filings for this company", "what has changed in this area of law"*.



What it does

The workflow routes the question to the search approach that fits the topic, gathers relevant public information, filters for relevance and recency, and synthesizes the findings into a short briefing.

Output

A short debrief stating the question asked, the sources searched, the date range covered, what was found, and a link to every source relied on. Follow-up questions are supported in the same conversation.

Getting Started

The assistant is added to IBM watsonx Orchestrate as a remote MCP server and attached to the agents that should use it. Setup is a one-time administrator task. The provisioning dashboard provides instance-specific registration details and pre-filled commands for the customer's environment.

1. **Set up the connection.** Create a member (per-user) OAuth 2.0 connection, so that every request carries the identity of the user who made it. Client credentials are provided through the support channel and never appear on any page.
2. **Add the assistant as a toolkit.** Register it as a remote MCP server against that connection. The toolkit imports the assistant's tools together: one starts or continues the workflow, and the other reports progress and returns results.
3. **Attach it to the agents.** Any agent holding the toolkit calls the assistant whenever a request calls for it.

The commands run with the IBM watsonx Orchestrate ADK. On first use, each user authorizes the assistant once under their own identity; no shared or per-user API keys are distributed. Workflows added later do not require the setup to be repeated, because agents pick up enabled capabilities automatically.

Everyday use

Once connected, users work in chat using plain language:

- A user asks the agent for what is needed - *"review this contract against our checklist."*
- For document workflows, the agent replies with a single secure link. The user opens it, uploads the required documents and details, and the workflow starts when intake is complete - nothing needs to be resent in chat.
- The same link shows live progress and, when the work finishes, the results to download.



newcode.ai

- Asking "*is it ready?*" at any time prompts the agent to look the status up and report back.
- Secure links expire after 24 hours as a security measure. Link expiry does not by itself delete a workflow or its completed results. Completed results are retained for 30 calendar days after completion unless a different period applies under the applicable retention period. If a link has expired during that retention period, asking again produces a fresh secure link to the same workflow and available results; a new billable run occurs only if the user asks the assistant to process the documents again.

Technical Specifications

Integration

Interface	Remote MCP (Model Context Protocol) server over streamable HTTP. IBM watsonx Orchestrate registers the service once as a toolkit; agents then call it when a user request calls for a Newcode workflow. New workflows can be enabled without re-integration.
Authentication	OAuth 2.0 authorization-code flow, configured in Orchestrate as a member (per-user) connection. Every call carries the access token of the user who made the request; the service is designed to reject calls without a valid token. No API keys are issued to individual users.
Tenancy	Each provisioned instance is a distinct tenant. Documents, workflows, results and audit records are scoped to it; the service is designed to refuse a request that cannot be attributed to a tenant. Users are identified individually within the tenant.
Transport	HTTPS, TLS 1.2 or higher.
Hosting	Hosted and operated by Newcode on Microsoft Azure. Nothing is deployed in the customer's IBM Cloud account.

Language models

Workflows use large language models selected, evaluated and maintained by Newcode for the relevant legal workflow. Model selection and configuration are managed by Newcode; no model configuration is required from the customer.



newcode.ai

Document handling

Formats	PDF, DOC, DOCX, XLS, XLSX, CSV
Size	Up to 50 MB per file
Transfer	Uploads and downloads are handled through expiring, signed links. The service is designed so that document content is not passed inline through the agent's conversation context, and it is not designed to fetch documents from arbitrary external URLs.
Input	Users upload their files via a secure link. Queries to the models are asked in plain language
Outputs	Generated documents – e.g. redlined contracts, draft correspondence, reports - are returned as files, in the format of the source document where applicable.

Service

Availability	Service status planned maintenance information and applicable service communications are made available through Newcode's support and customer communication channels. Unless expressly agreed in the applicable order, this document does not create an uptime, service-credit or service-level commitment.
Support	Support is available through Newcode's support channel or via email at: support@newcode.ai following the accepted Terms and Conditions.
Billing	Usage-based, billed through IBM Cloud under the applicable order and IBM Cloud catalogue terms: an annual platform fee plus a per-page charge for every page of every document processed, including input documents and generated results alike. Subject to those terms, conversational turns, requests that only gather requirements, status checks, restored links to existing results and failed runs are not charged. A new billable run occurs only when documents are processed again. Current prices are shown on the IBM Cloud catalogue.



Coverage limit

Paywalled, login-gated and proprietary subscription databases are **not** searched unless separately enabled under the customer's own arrangements, and the debrief states the limitation explicitly.

The workflow catalogue is extensible. Customer-specific workflows can be built for an organization and made available to its instance without changing the IBM watsonx Orchestrate configuration. Development of these customized workflows is subject to a separate agreement and order form between the customer and Newcode, and to the applicable IBM licensing terms.

Safety & Compliance

- The assistant supports legal work and operational efficiency; it **does not provide legal advice** or replace professional judgment. Every output is a draft for review by a qualified professional.
- **Human approval is structural, not advisory.** No contract is signed, no email is sent and no template is republished by the assistant. It produces recommendations and drafts; a qualified professional decides.
- **The customer's standards govern.** Assessments are made against the guidelines, playbooks and templates the customer supplies, not against a general notion of market practice.
- **Findings are designed to be traceable.** Pass, fail and recommendation outputs identify the rule, clause or source they rest on, so a reviewer can check the reasoning rather than trust it.
- **Tenant isolation.** Newcode's architecture is designed so that documents and results are scoped to the customer's instance and are never exposed not made available to other tenants, subject to the applicable service terms and security controls.
- **Confidentiality of documents.** The service is designed so that content moves between the customer's secure upload page and the workflow that processes it, rather than through chat. The service is not designed to fetch documents from, or send documents to, arbitrary external destinations.
- **Sourcing is bounded and stated.** Horizon scanning covers public sources only; each debrief declares the date range searched and excludes paywalled and proprietary databases.
- **Data handling.** Customer Content is handled under Newcode's EULA and the Terms and Conditions applicable to IBM Orchestrate catalogue services. This document is



descriptive and does not amend those terms; if inconsistent, those contractual terms prevail. Newcode does not use Customer Content to train third-party or general-purpose AI models unless the customer expressly agrees in writing. On termination or expiration, Customer Content is available for export or return for at least 30 calendar days, then deleted from active systems and remaining backups under Newcode's ordinary backup deletion cycles, unless otherwise agreed or required by law.

Quality Assurance

Quality is supported through the following workflow controls:

- **Complete intake before analysis.** A workflow does not run until its required inputs are present; missing documents and details are requested explicitly rather than assumed.
- **Extraction of the customer's own rules,** rather than reliance on hard-coded standards.
- **Structured, prioritized output.** Findings are graded by materiality - hard stops, negotiation points, acceptable deviations - so review effort goes where it matters.
- **Reasoning attached to every finding.** Where a finding is generated, reasoning is attached with the governing rule or clause cited.
- **Source citation and date-range declaration** for all research output.
- **Deterministic delivery.** Results are returned as files through the workflow page, so an output is designed to be delivered in full or reported as failed rather than silently truncated.

Disclaimer

These AI workflows are designed to support legal work and operational efficiency. They do not provide legal advice, and all outputs must be reviewed by qualified professionals before use. This document is for product information only and does not create warranties, service levels or commitments beyond the applicable EULA and Terms and Conditions.

© Newcode, 2026 · August 2026

More about Newcode: <https://newcode.ai/>