Turn your ideas into action

Automate your day with 24/7 workflows
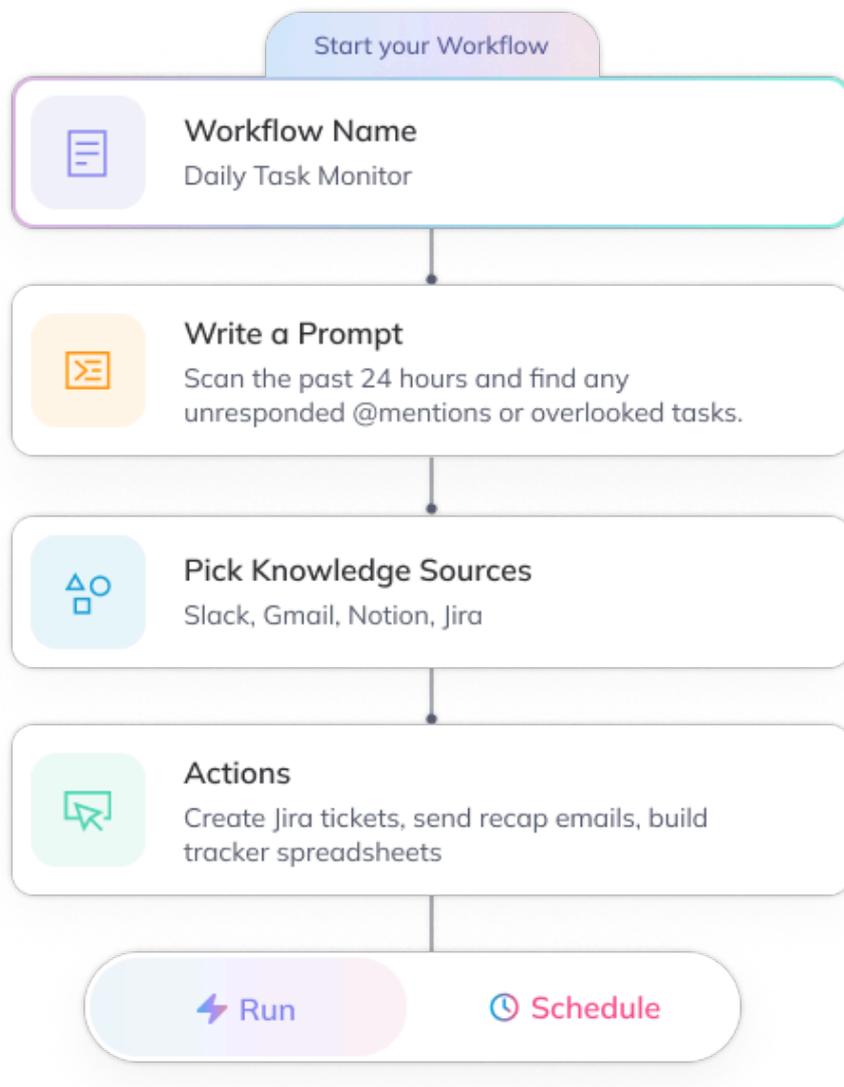
See how leading teams are using it →

Workflows Overview

What Are xdge Workflows?

xdge Workflows are autonomous AI agents that operate on demand or on schedules to handle complex, multi-step tasks across your organization's digital ecosystem. Unlike traditional automation tools that require technical setup, xdge Workflows are configured using plain language instructions.

Simply describe what you need in everyday language, such as: "Every Friday at 5 PM, summarize this week's product updates from Jira, Slack, and Confluence."

The system interprets your prompt, performs the necessary searches, filters, and synthesizes relevant information, and formats it into a clear report or action item delivered wherever you work.
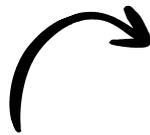

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Next Gen Workflows: Actions, custom tools, safe mode

Create a **workflow** that **gathers all tasks mentioned in Slack** during the daily standup meetings, **generates Jira tickets** for each one, and then **updates Notion** "project tracker" with a summary.

- Create a workflow ⌄
- 📖 Prompt Library
- →

First Generation: Research & reporting

Our foundational Workflows introduced automation for knowledge tasks:

- Text-to-workflow natural language description of tasks
- Multi-step execution & reasoning that thinks through complex tasks step-by-step, pulling context from Slack, Jira, Drive, Gmail, Notion, Salesforce, and more
- Scheduling that runs automatically at chosen intervals without manual setup

Second Generation: Action execution, tools & safety

The latest evolution adds game-changing capabilities that transform Workflows from passive analysts into active operators:

Automatic Tool Generation
When your workflow needs capabilities beyond existing integrations, the AI writes and tests code to create new tools on demand.

Action Execution
Workflows now take direct actions across enterprise systems:
- Update fields and labels in Salesforce
- Post messages and alerts in Slack channels
- Comment on, label, close, or reassign Jira tickets
- Send email responses and notifications
- And so on!

Safe Mode: Trust Through Testing
Every workflow runs in Safe Mode first, simulating all actions and generating detailed previews without executing them. You see precisely what would happen: "Would label 5 Salesforce opportunities as High Risk" or "Would post comments on 3 Jira tickets about missing unit tests." Once you approve, the workflow runs with the same logic in production.

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Core Workflow Abilities

Text to Workflows

Use natural language to describe your tedious & complex chore as you would to a co-worker. No code. No flowcharts. Workflows for everyone.

Multi-step Reasoning

Thinks through complex business logic step-by-step, pulling context from multiple sources simultaneously.

Direct Action Execution

Takes concrete actions across enterprise systems - updates records, posts messages, creates tasks, enforces policies.

Dynamic Tool Generation

Writes and runs custom code to integrate with any tool, no connectors needed - creates missing capabilities on demand.

Safe Mode Testing

Complete control with action previews - see exactly what will happen before enabling full automation.

Deterministic Execution

Ensures the tested workflow version runs exactly as previewed in production.

Evolution of Workplace Automation

Event-driven (Before AI)

Early automation tools ran on deterministic "if this, then that" triggers with no reasoning. Example: "When an email arrives, create a ticket." Tools: IFTTT, Zapier (classic), Microsoft Power Automate.

Language-powered logic

AI made automations more flexible by interpreting natural language conditions. Example: "If an email looks urgent, create a high-priority ticket." Tools: AI by Zapier, n8n with AI nodes, Power Automate with Copilot.

Knowledge-powered automation

The next leap is reasoning over the entire workspace—emails, calendars, docs, and chats—so flows act with organizational context. Example: "When an email arrives, check my calendar and reply with a suitable time." Tools: Microsoft 365 Copilot, Google Workspace with Gemini. (Neither of these has triggers or schedules.)
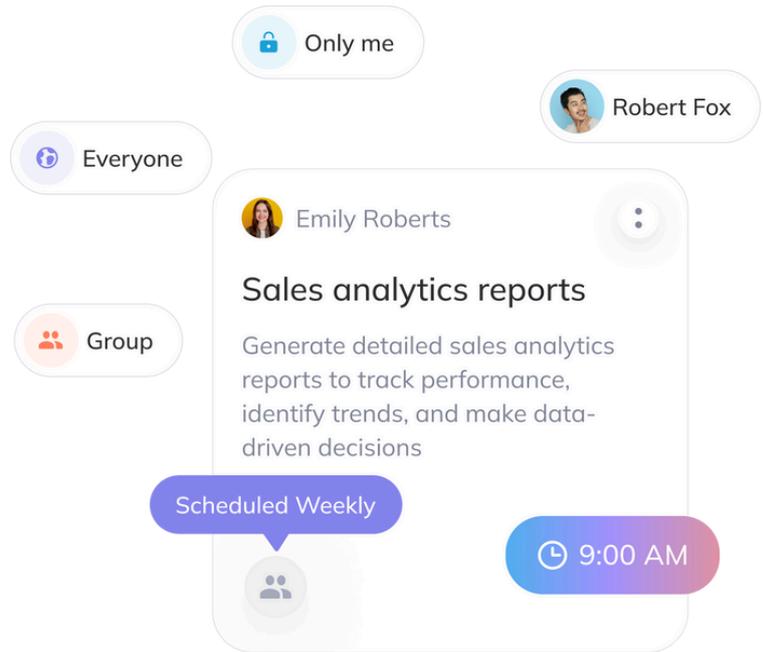
Code-generating agents

At the frontier, AI generates custom code or tools on demand, removing limits of prebuilt connectors. Example: "When an email arrives, analyze past interactions & message severity (using a custom script) before labeling it." Popular tools: Pipedream (AI code steps), n8n with AI nodes. This is where xdge AI's Workflows come into play.

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Shareable. Set to Run.

Workflows don't need to be built from scratch. xdge provides templates for common workflows, including status reports, pipeline summaries, project retrospectives, and ticket reviews.

You can launch a template as-is or customize it by adjusting data sources, filters, and output formats to match your process. Once set up, workflows run automatically in the background and can be shared across your team for consistent execution without IT support or custom engineering.

For more complex or unique needs, custom workflows can be built to match your exact requirements - contact the xdge team to get started.

🔒 Only me

👤 Robert Fox

🌐 Everyone

👥 Group

Emily Roberts

Sales analytics reports

Generate detailed sales analytics reports to track performance, identify trends, and make data-driven decisions

Scheduled Weekly

🕐 9:00 AM

Key Capabilities

Multi-step Execution & Reasoning

Thinks through complex tasks step-by-step, pulling context from Slack, Jira, Drive, Gmail, Notion, Salesforce, and more all in one pass.

Automated Scheduling

Run workflows automatically at your chosen intervals daily, weekly, or monthly without manual setup each time.

Precision Filtering & Structured Output

Filter data to exactly what matters and format it into structured, action-ready outputs.

Results

Goal Driven Execution

Agentic workflows allow AI to figure a plan of action out to get your objective achieved.

Faster Decision-Making

Delivers the right data when it's needed so decisions don't stall while waiting for updates.
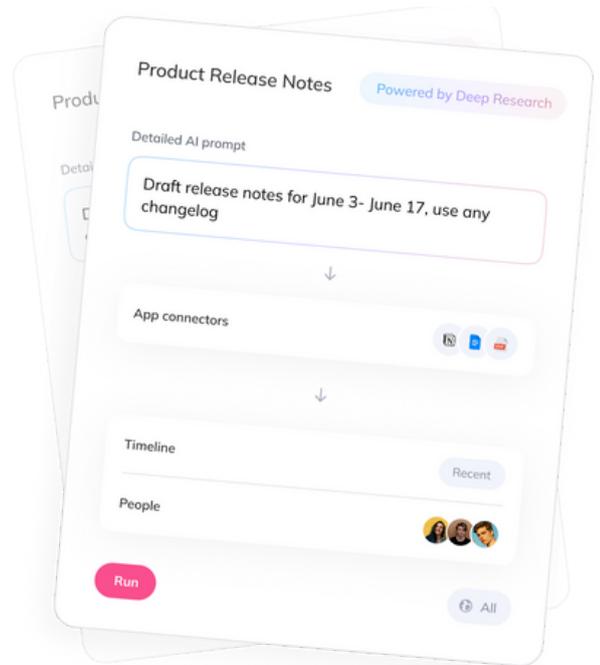
Actionable Reporting

Replaces ad hoc, inconsistent reporting with structured, comprehensive outputs that follow best practices every time.

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Real World Use Cases

From Analysis to Action

With xdge Workflows, what once took one or more people hours of gathering data, cross-checking sources, and writing summaries is now handled by a tireless AI agent. With xdge Actions, those insights don't just sit in a report—they trigger real steps. Actions monitor systems, enforce policies, and run processes automatically, turning what used to be follow-up tasks and manual checks into immediate, reliable execution. Every action follows the rules you define, whether that's reassigning tickets with clear explanations, escalating repeat issues, or sending polished alerts to managers. The AI not only gets the work done, it provides context and maintains accountability at every step.

Contact our team to custom-build solutions tailored to your teams, department, and industry so automation works the way you do, not the other way around.

Sales	**Deal Health Tracking & Alerts** Spot and automatically create follow-up tasks for account owners with specific talking points and send alerts to sales managers for deals requiring immediate attention. **Follow-Up & Pipeline Automation** Automate personalized outreach sequences for prospects who've gone quiet and generate territory reports with actionable next steps for each rep.
Engineering	**Code Quality Enforcement** Flag code changes lacking proper QA sign-off in Jira, automatically reassigns tickets back to developers with violation explanations, and escalates repeated violations to engineering management. **Release Readiness Automation** Scan Jira tickets, code reviews, and documentation to block releases missing required approvals, and then post comments on incomplete tickets with specific requirements.
IT/Security	**Incident Response Automation** Accelerate post-incident reviews by compiling post-mortem data, updating and creating improvement tickets, updating policies, and tracking remediation progress. **Compliance Monitoring** Prevent repeat issues by continuously scanning for violations, correcting minor drift, flagging complex problems, and sending stakeholder reports.
HR & People Leaders	**Performance Pattern Recognition** Monitor burnout risks, auto-schedules check-ins, recommends workload shifts, and alerts managers in real time. **Process Optimization** Catch recurring manual tasks, recommend automations with estimates, assign process docs, and track ROI with improvement suggestions.

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Next Generation Agentic Workflows Without Limits

From Request to Result, No Prebuilt Template

Most workplace AI can't go beyond a fixed toolbox of connectors, pre-scripted actions, and rigid templates. Ask for something outside that box, and it usually can't deliver.

xdge already breaks that mold: it can pull data across tools like Intercom, Gmail, and Slack to summarize customer feedback, or query Jira to track who moved the most tickets last month.

xdge Workflows take it even further. It lets the agent write and run new code on demand, combining tools or data sources in ways no prebuilt integration could anticipate. Whether it's a brand-new workflow, a one-off analysis, or an edge case no other platform can handle, xdge Workflows can make it happen instantly, without waiting for developers.

"WHAT IF YOUR WORKPLACE AGENT COULD WRITE ITS OWN CODE AND RUN IT ON THE FLY ACROSS YOUR TOOLS?"

Dynamic Code Generation

Writes and runs custom code to integrate with any tool, no connectors needed.

Self-Healing Execution

Validates results and fixes errors by troubleshooting on its own.

Safe Mode Preview

Test your workflow in a safe sandbox. Certify actions & updates to data before publishing live.

Fast, Deterministic Execution

Published workflows use certified AI plans & generated tools so execution is quick & reliable.

How Teams Would Use Code Generation

- Prototype and deploy new workflows in minutes.
- Integrate niche or internal tools without waiting for connectors.
- Run secure, controlled experiments before full rollout.
- Automate edge cases other tools can't handle.

Data Security

The AI runs generated code in a temporary, isolated environment where credentials are injected only at runtime and never hardcoded. After execution, the sandbox is destroyed, ensuring no data lingers and maintaining full security and control.

Why It Matters

This is enterprise automation transformed from tedious IT projects into agile, conversational collaboration between humans and AI. Your business systems become as easy to program as talking to a colleague, with new capabilities spinning up instantly and critical tasks executing reliably in the background.

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Pick a workflow

Denis Watson

Employee Slack
Engagement Analysis

Analyze employee engagement directly
from Slack, reactions, comments, and
activity patterns, to identify sentiment
trends, flag potential risks, and generate
insights for HR and managers. Follow-
ups and 1:1 check-ins are scheduled
automatically.

Generate a report

Employee Well-Being Workflow Report

Mon, Sep 14, 2025, 10:42 PM

Executive Summary

This workflow analyzed employee engagement signals directly from Slack over the past 6 months
including reactions, comments, and activity patterns. It identified trends in sentiment, flagged
potential risks, and scheduled follow-up check-ins.

☑ Slack Activity Reviewed — Reactions and participation tracked week by week

☑ Sentiment Insights — Engagement trends categorized (positive, neutral, disengaged)

☑ Risks Flagged — 3 employees identified with declining engagement patterns

☑ Report Generated — Summary shared with HR and relevant managers

Delivery Confirmation

☑ MESSAGES AND MEETINGS SENT SUCCESSFULLY

• 📧 Reports sent to: hr@company.com

• 📅 Meetings scheduled via Google Calendar (Wed–Fri)

• 🔒 Authentication verified and completed successfully

Take action

Meeting

👤👤 1-1 Check-in + Catch up!

09:30 AM -10:00 AM

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Welcome to the future that works for you