Release LTS 14

Built for what's next

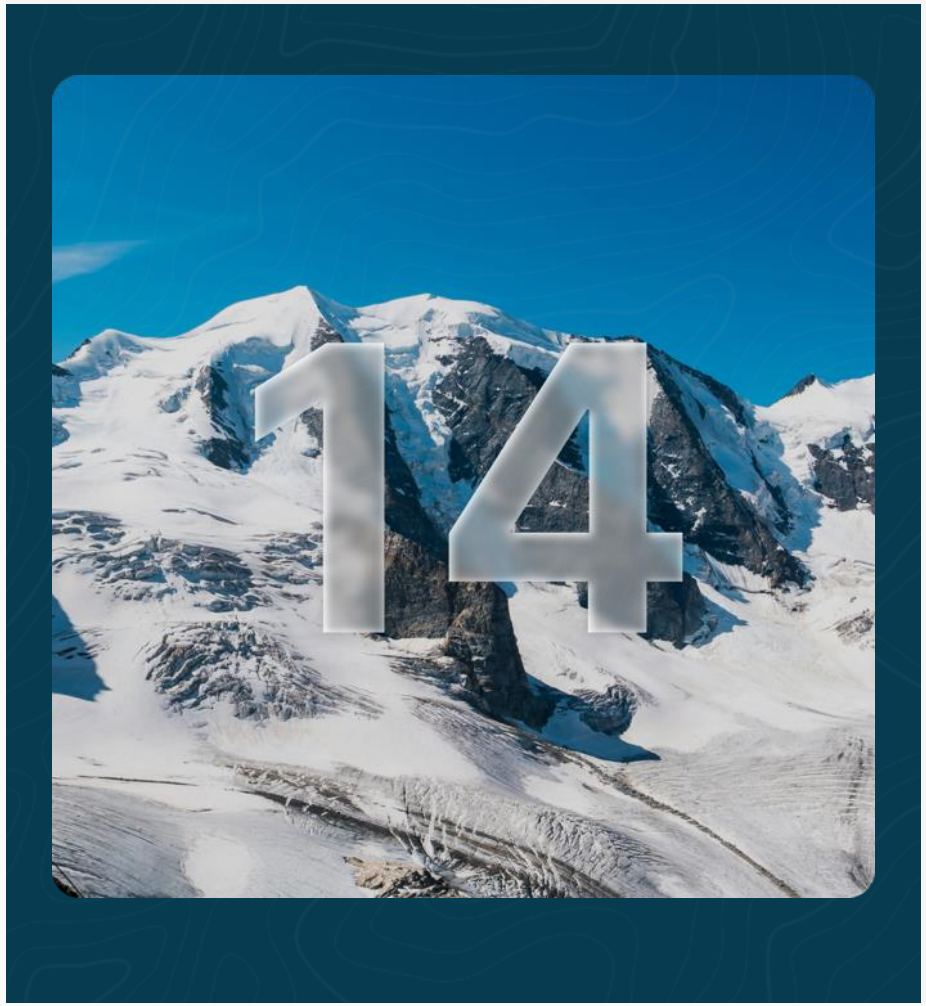


Thomas Zehetner

Marcel Prügel

LTS 14

Agenda



Where We Come From

Axon Ivy platform versions

AI-Powered Development

Agentic Engineering with the new VSC PRO Designer

Smart Workflow & Governance

Workflow automation with AI

Portal & Orchestration

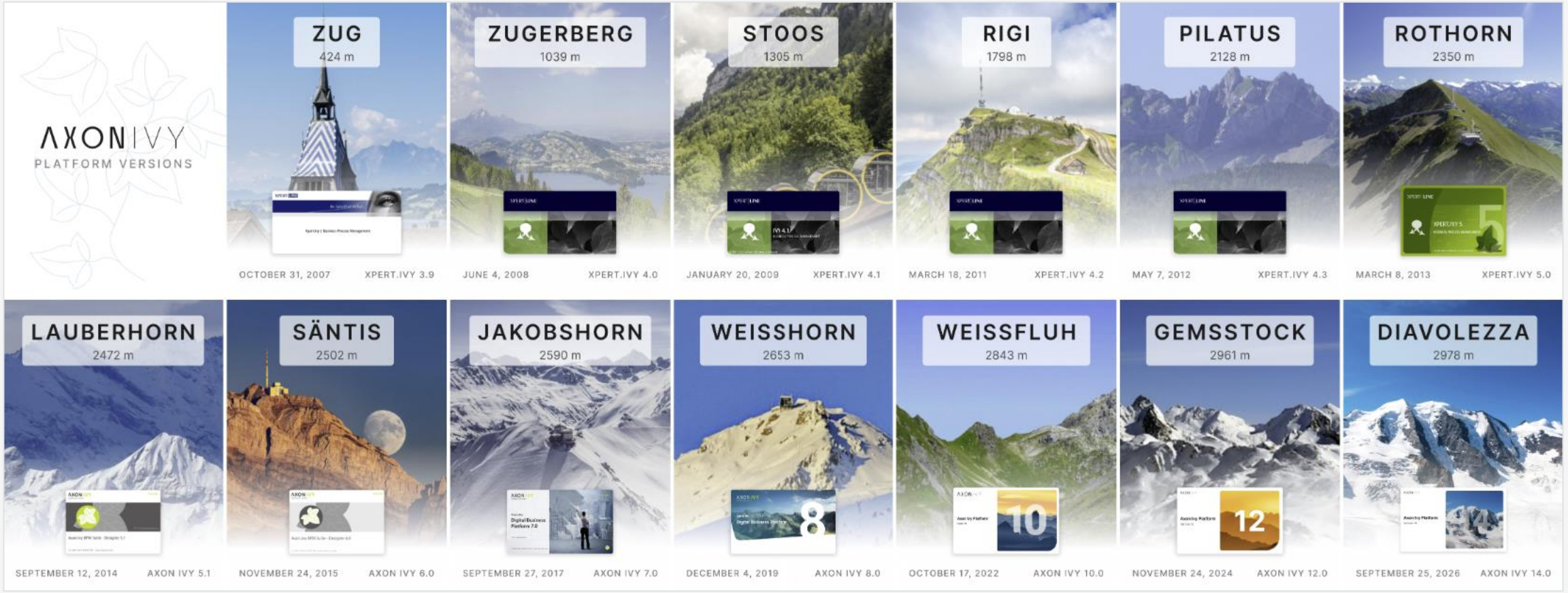
The Greater Context

Q&A

Your questions and open discussion

Axon Ivy Platform

Where do we come from?



LTS 14 at a Glance

Modernized from Development to Operations

LTS 14 is the most significant modernization of the platform since version 4.

Development

VS Code PRO Designer

Web-based editors

Unified validation

Improved HTML Dialog

Modernized Project Configuration

Operations

Application Versions

Java 25 & Jakarta EE 11

Cloud and security controls

Security hardening

AI

Smart Core

Smart Workflow

Guardrails

Monitoring

Traceability

Portal

Redesigned interface

Task & Case improvements

Central menu management

Statistics & Reporting

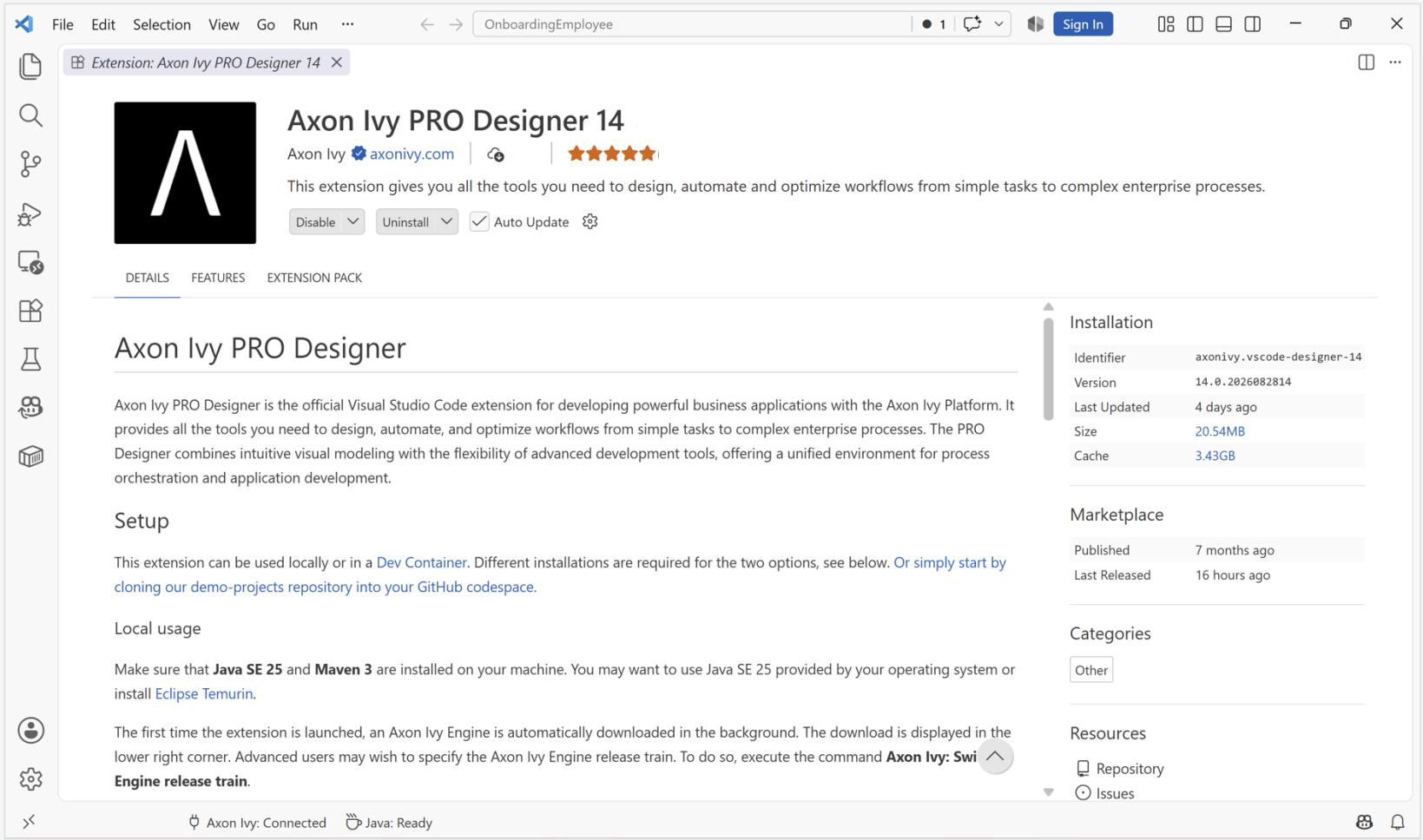
Marketplace

CMS Live Editor 2.0

A lot of new connectors

Visual Studio Code Becomes the Development Home

VS Code PRO Designer: A Modern IDE for Axon Ivy



Accelerates Development

AI-Assisted Engineering

Lower Barrier for Developers

Visual Studio Code Becomes the Development Home

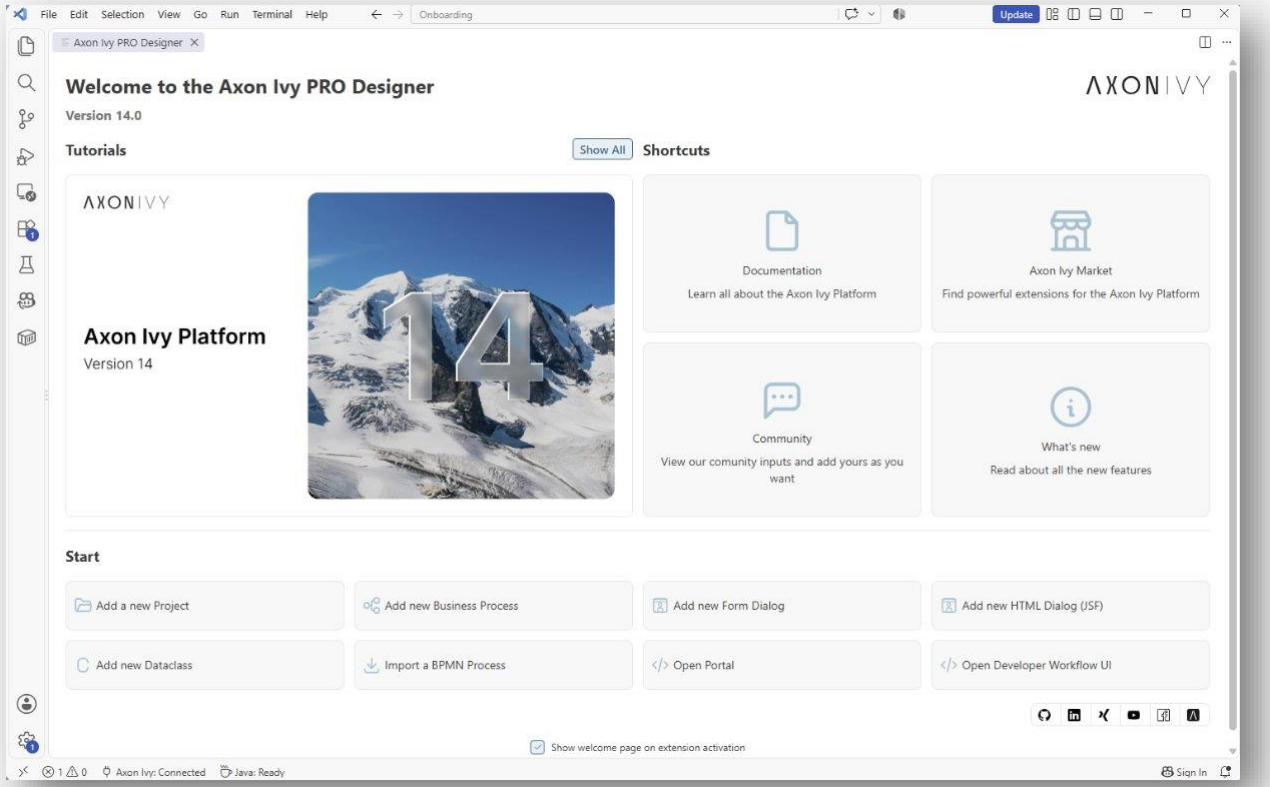
PRO Designer in Visual Studio Code

Develop
Ivy projects and manage dependencies and workspaces directly in VS Code

Run & preview
applications and control the Ivy Engine from the IDE

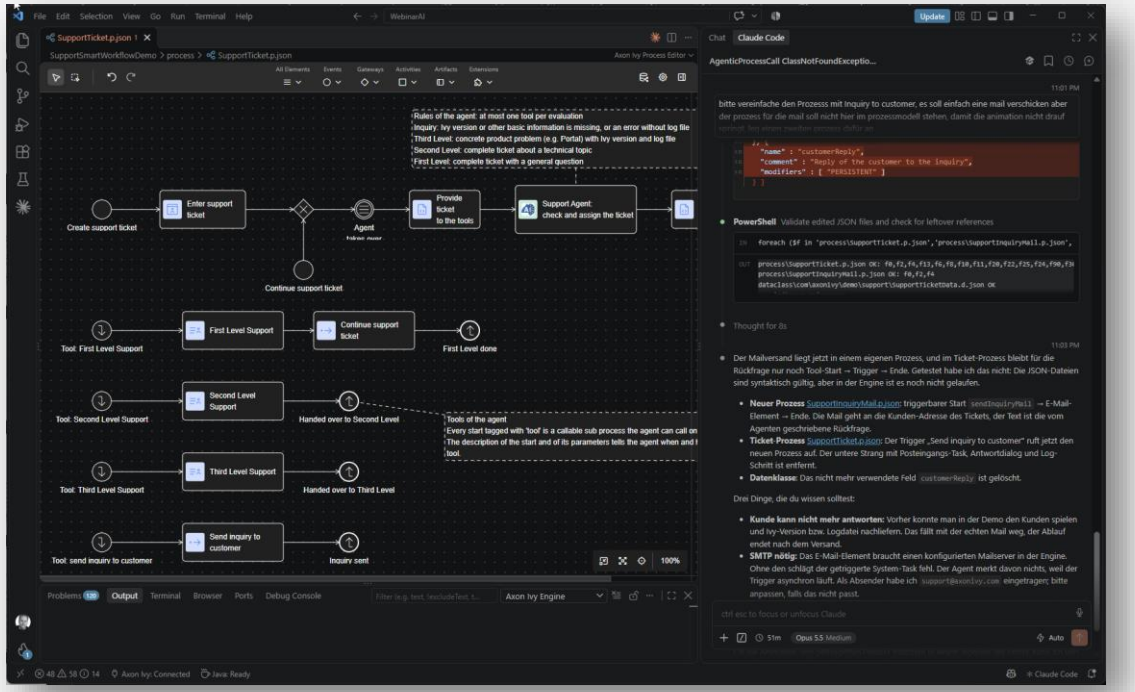
Debug & build
processes with integrated debugging and Maven support

Validate
projects with diagnostics directly in the VS Code Problems view



Axon Ivy Smart Core

AI-assisted development of Axon Ivy projects

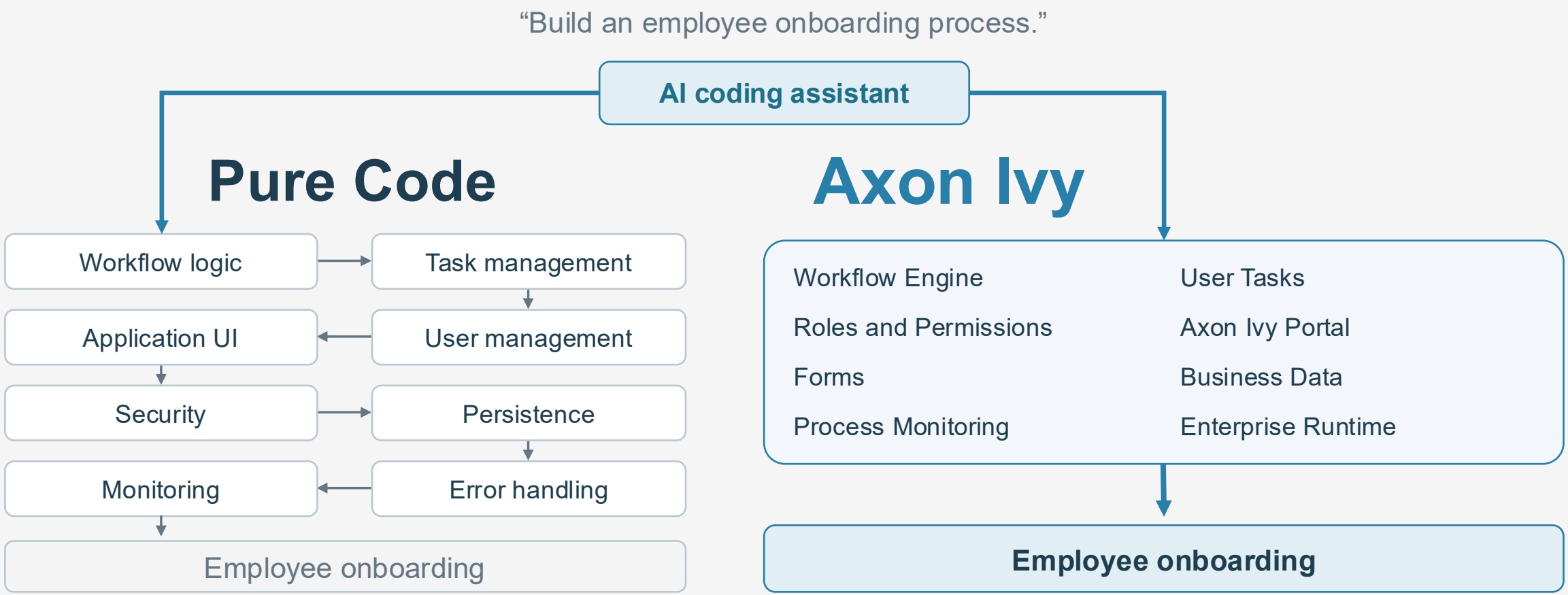


- Process models, forms and data classes from natural language
- IVY MCP and built-in LLM commands
- Axon Ivy JSON schema, MD instructions and skills
- GitHub Copilot, Claude Code and internal MCP tools

Agentic engineering for Axon Ivy processes and projects

Everyone has AI.

Productivity comes from giving AI the right building blocks.

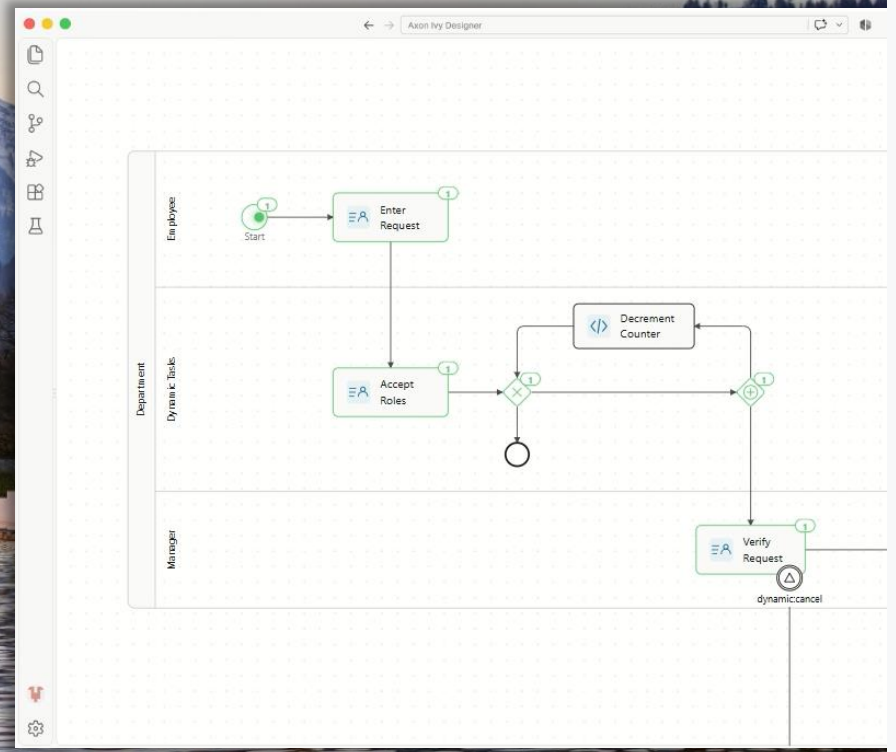


Let AI build the solution, not the infrastructure.

VS Code PRO Designer

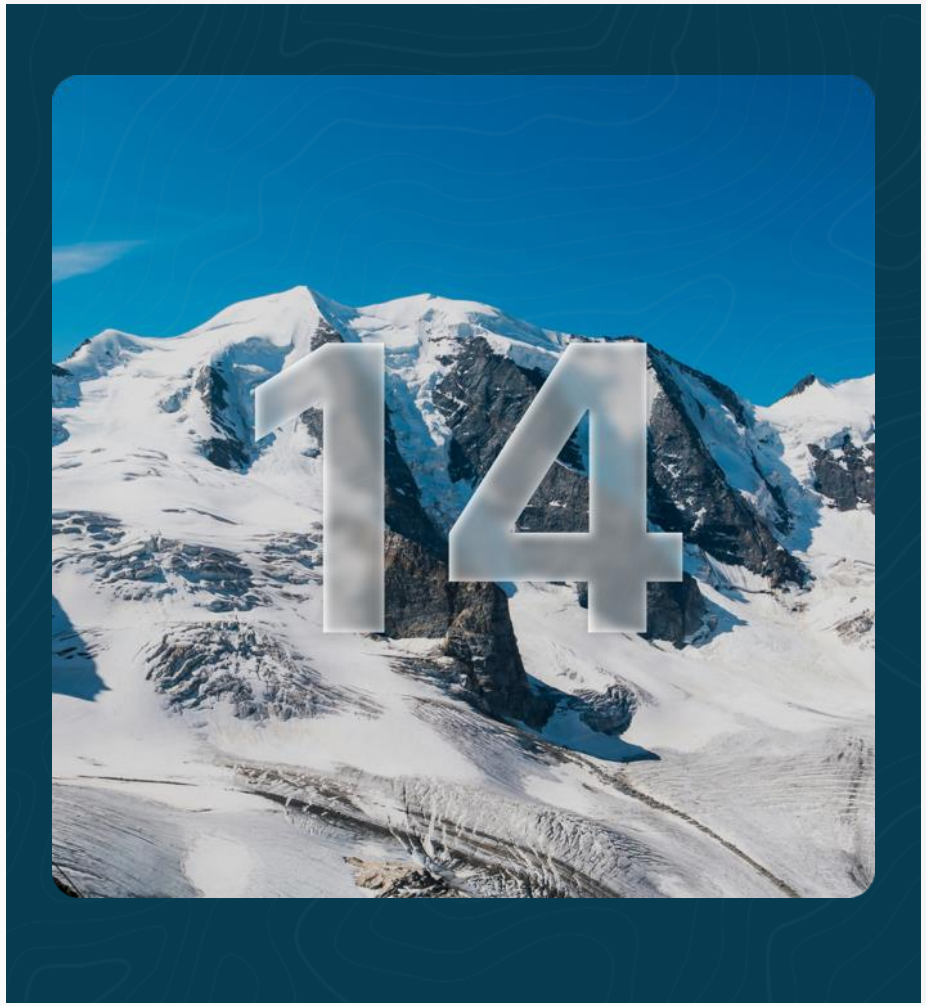
Live Demo

We'll switch to the live demo
in a moment...



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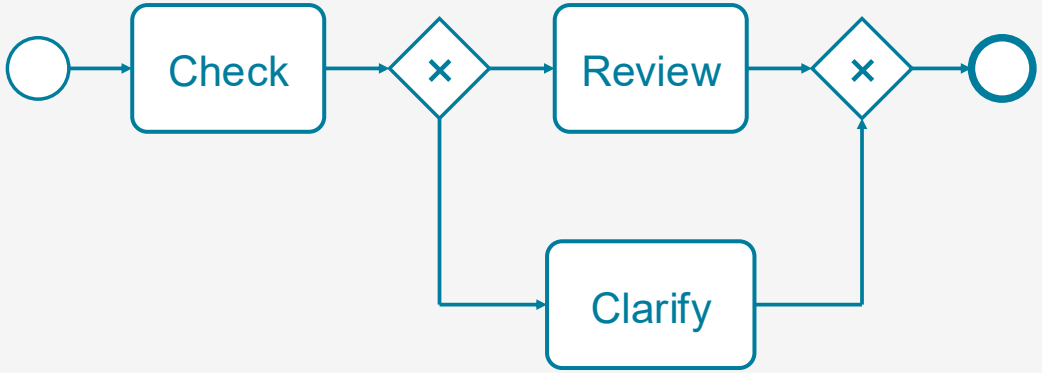
Your questions and open discussion

Axon Ivy & AI

Deterministic Processes and Adaptive Agents

Deterministic

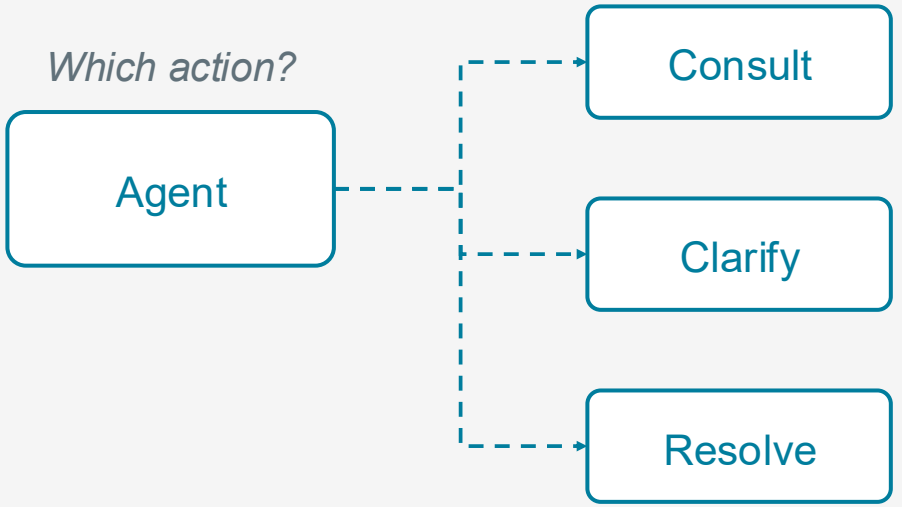
Every path predefined



Follows predefined rules

Non-deterministic

Context determines the next action



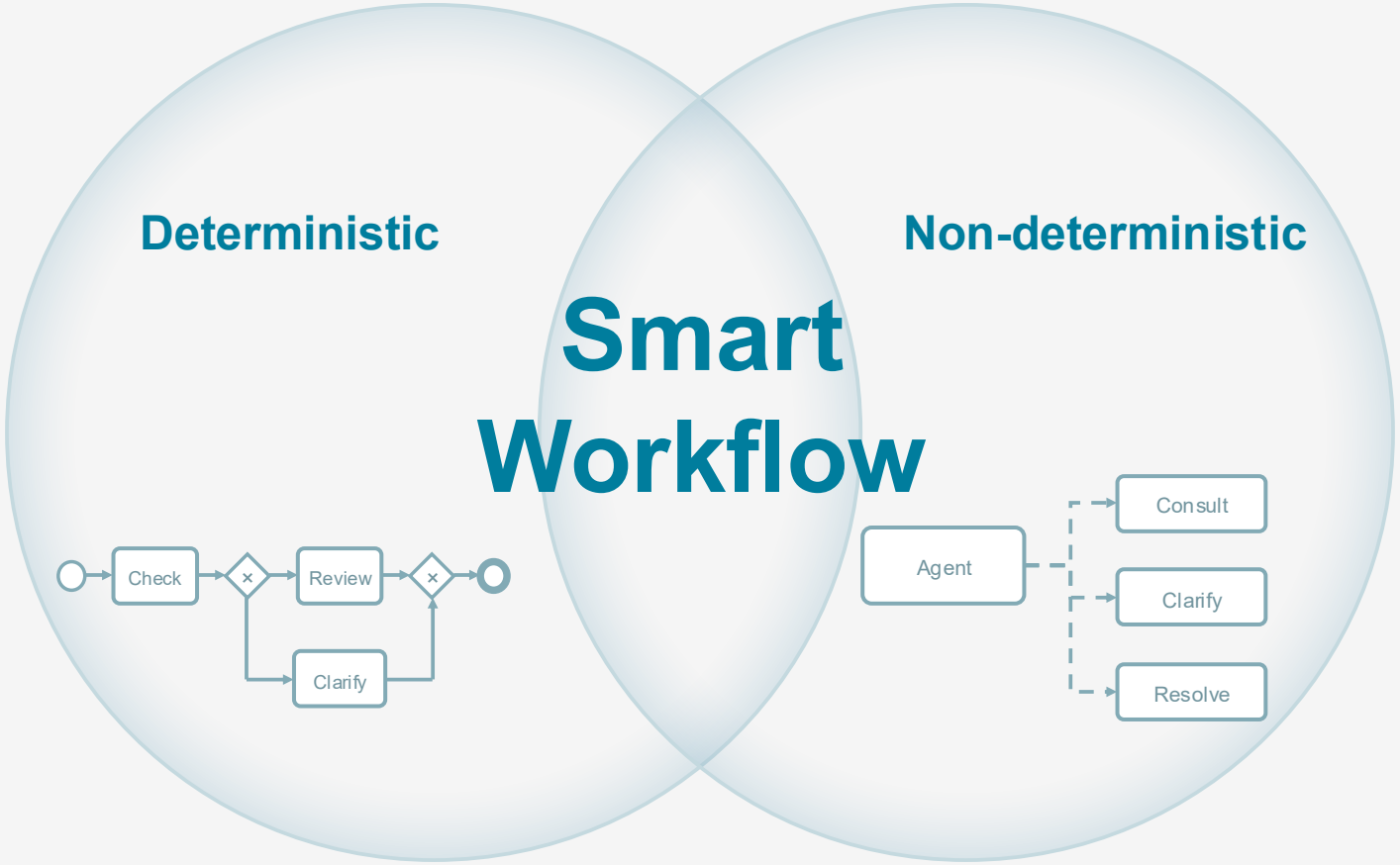
Selects actions from context

No fixed decision path. Choices can vary.

Axon Ivy & AI

Smart Workflow: The Best of Both

Deterministic where required. Adaptive where needed.

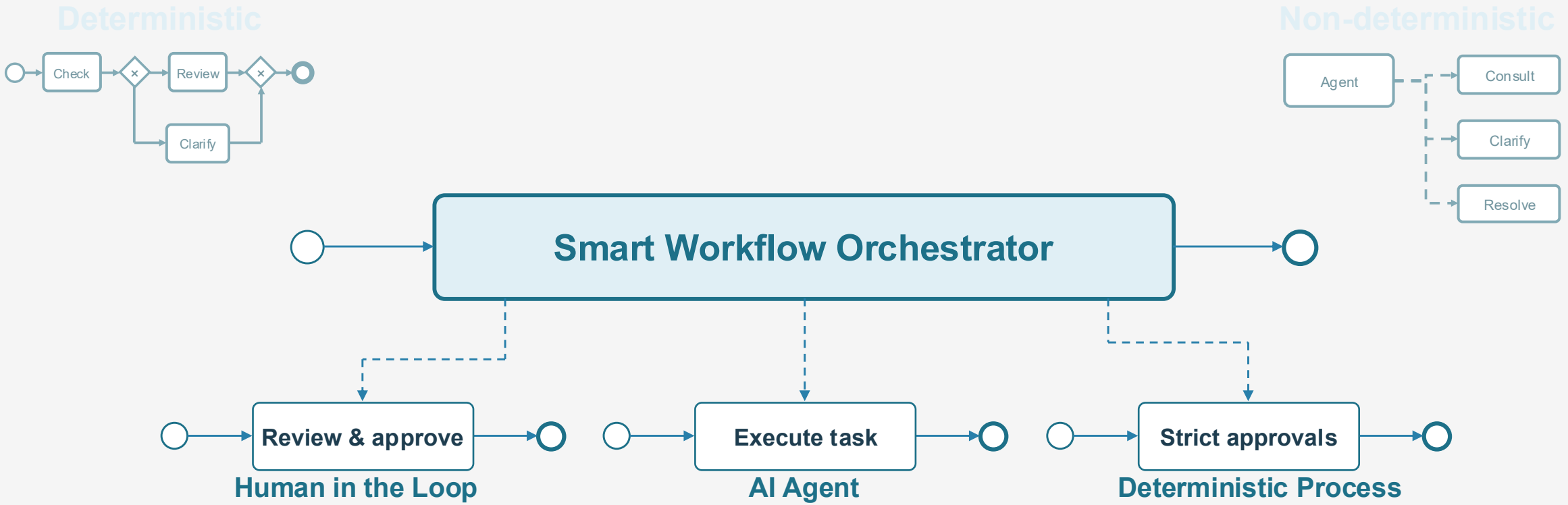


Flexibility without losing control.

Axon Ivy & AI

Smart Workflow: The Best of Both

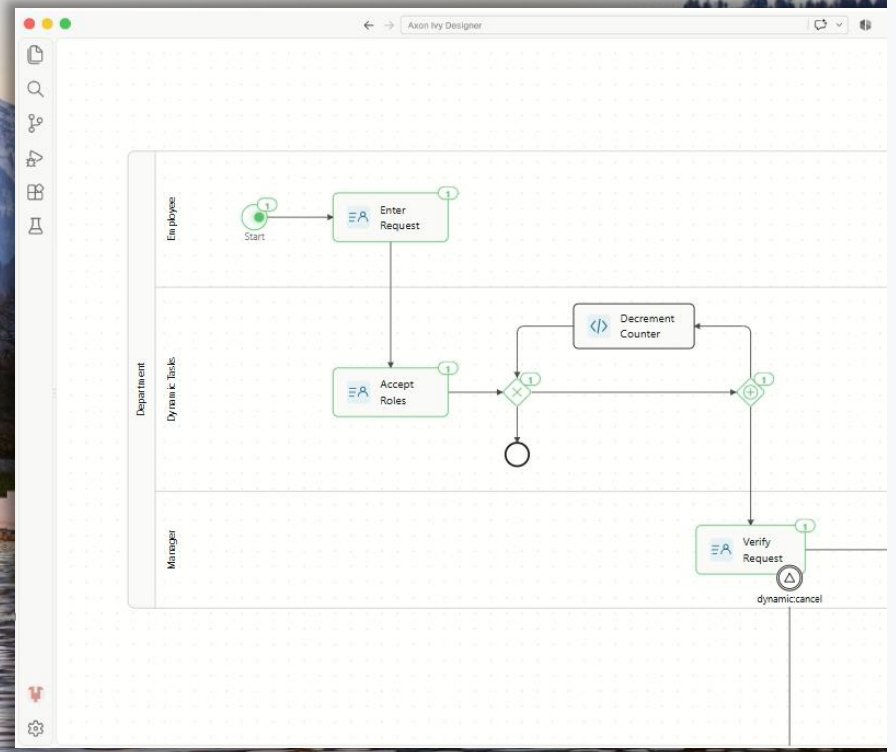
Deterministic where required. Adaptive where needed.



Smart Workflow

Live Demo

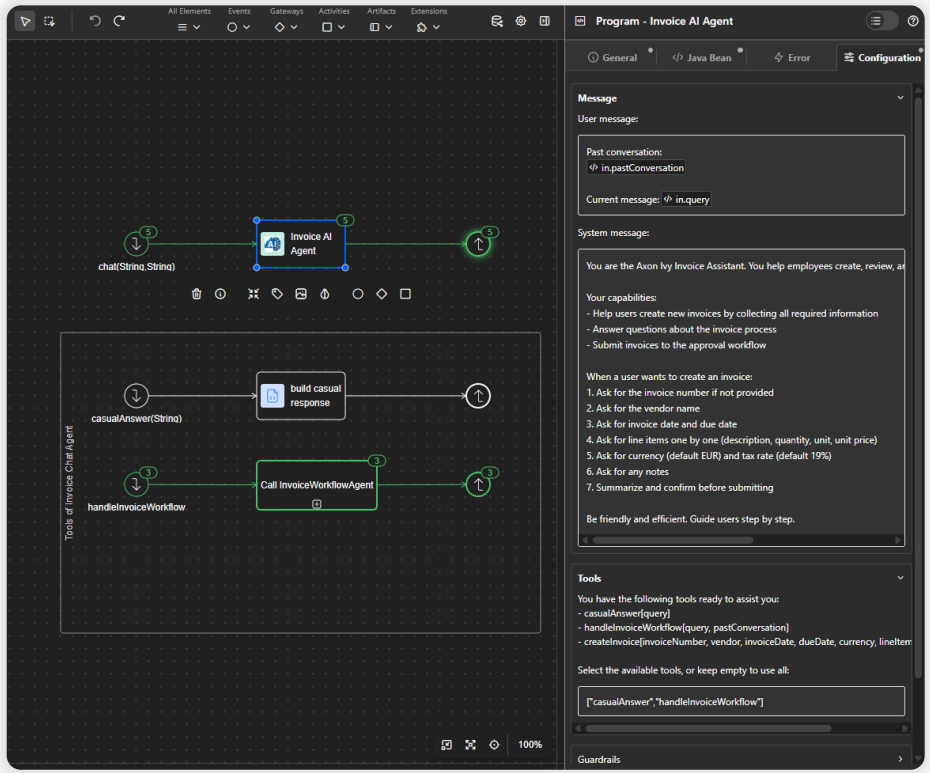
We'll switch to the live demo
in a moment...



Axon Ivy & AI

Smart Workflow: Agentic AI for End-to-End Process Execution

Smart Workflow merges deterministic process modeling with dynamic orchestration through Agentic AI.



KEY FEATURES

- Goal-based orchestration of deterministic sub-processes.
- Supported by our internal Agent Builder.
- Based on Large Language Models (LLMs) for dynamic orchestration.
- Bring your own Model.

CORE CONCEPT

- Agent Node: Acts as the brain of the workflow, autonomously reasoning and executing tasks.
- Inputs: Instructions, goals, tools, guardrails, LLM models, and output parameters.
- Outputs: Structured results validated against defined goals.

Axon Ivy & AI

Smart Workflows: Three pillars of governance



Governance by Design

Define the tools and processes agents may invoke.



Guardrails

Enforce agent boundaries at runtime.



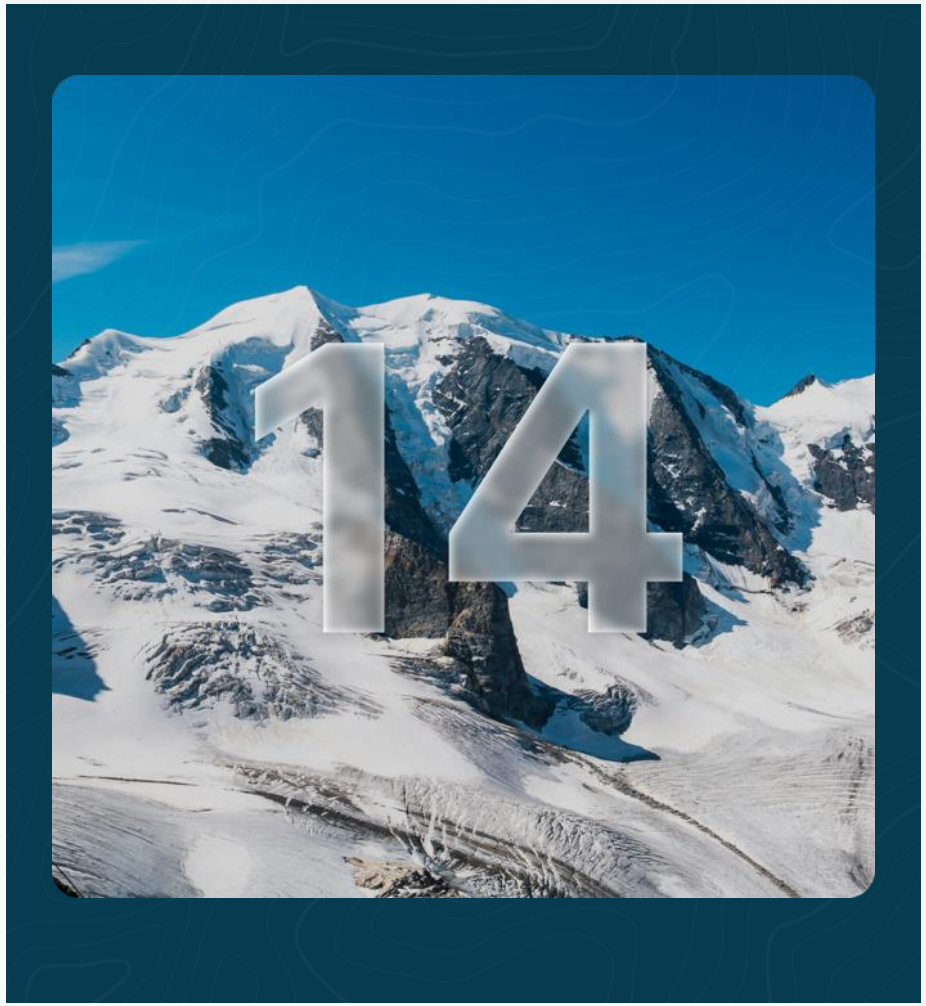
Monitoring & Traceability

Trace every call and decision with a full audit trail.

The information provided are for informational purposes only, subject to change at any time, and do not represent a commitment.

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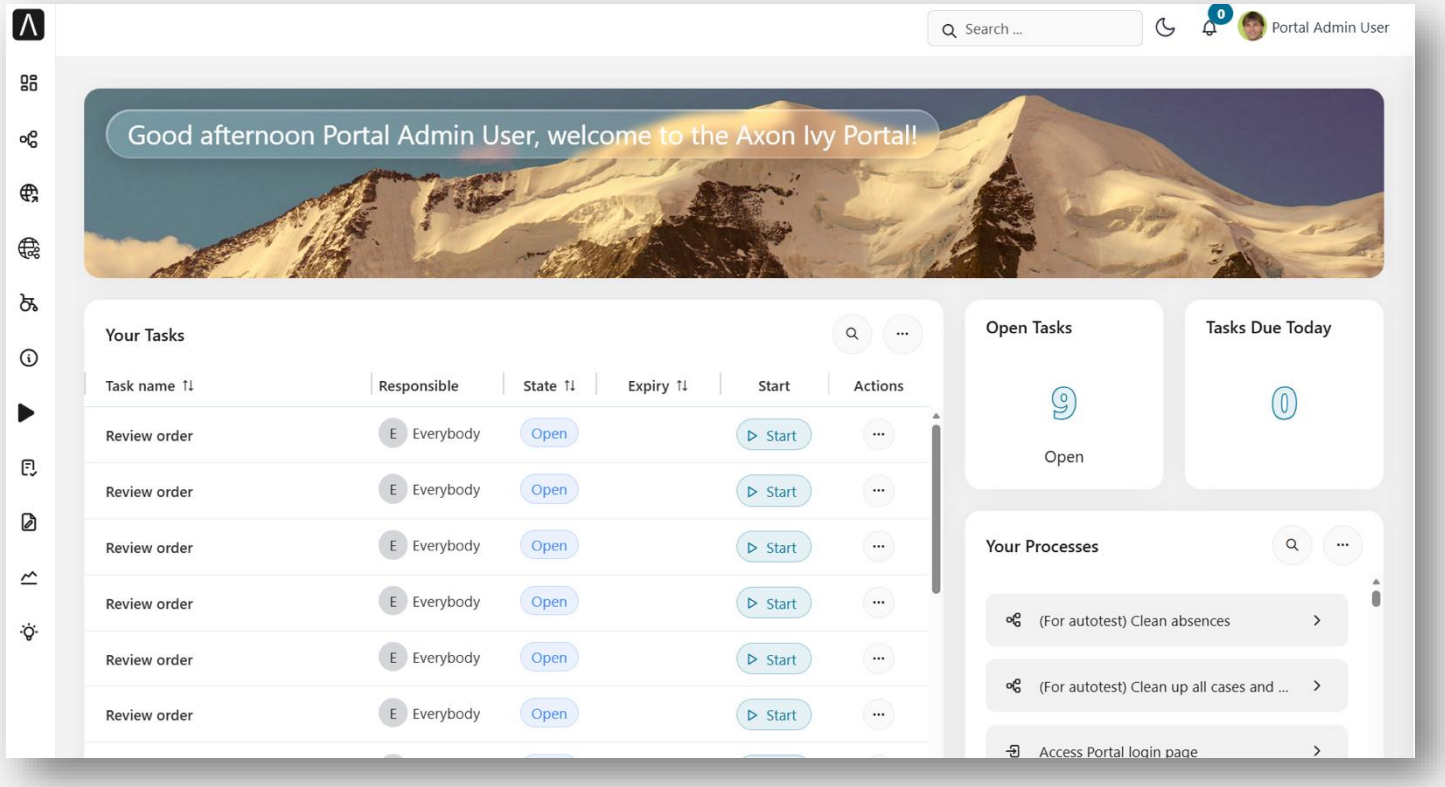
Your questions and open discussion

Portal

New UI and Central Navigation

A redesigned Portal experience with centralized navigation management.

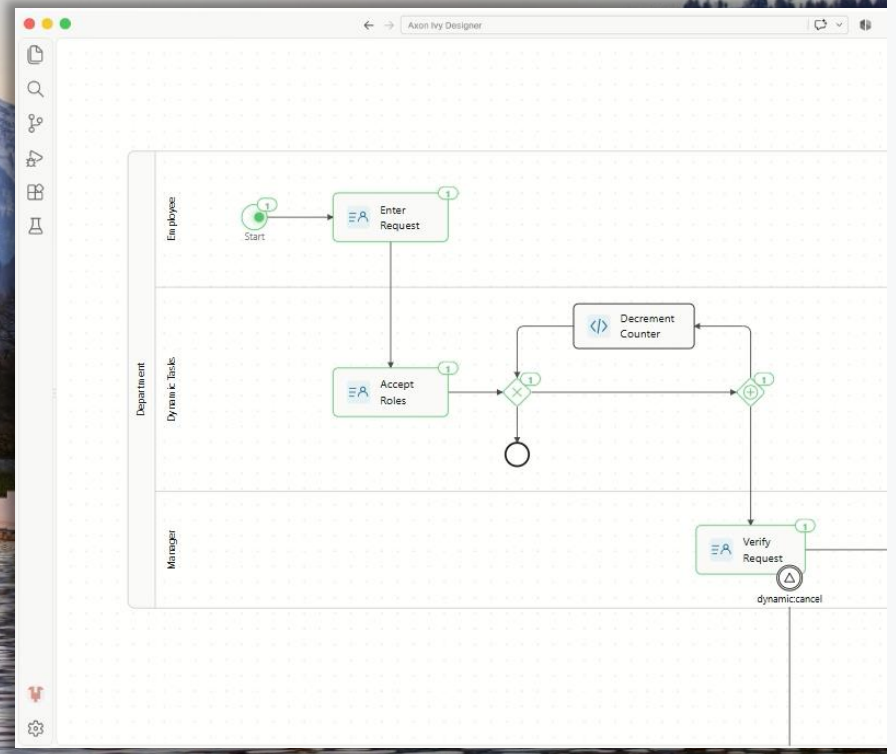
- **Modernized UI** for dashboards, tasks and case details
- **Central menu management** for processes, dashboards, links and external applications
- **Flexible UI integration** with embeddable widgets and remote refresh



Axon Ivy Portal

Live Demo

We'll switch to the live demo
in a moment...

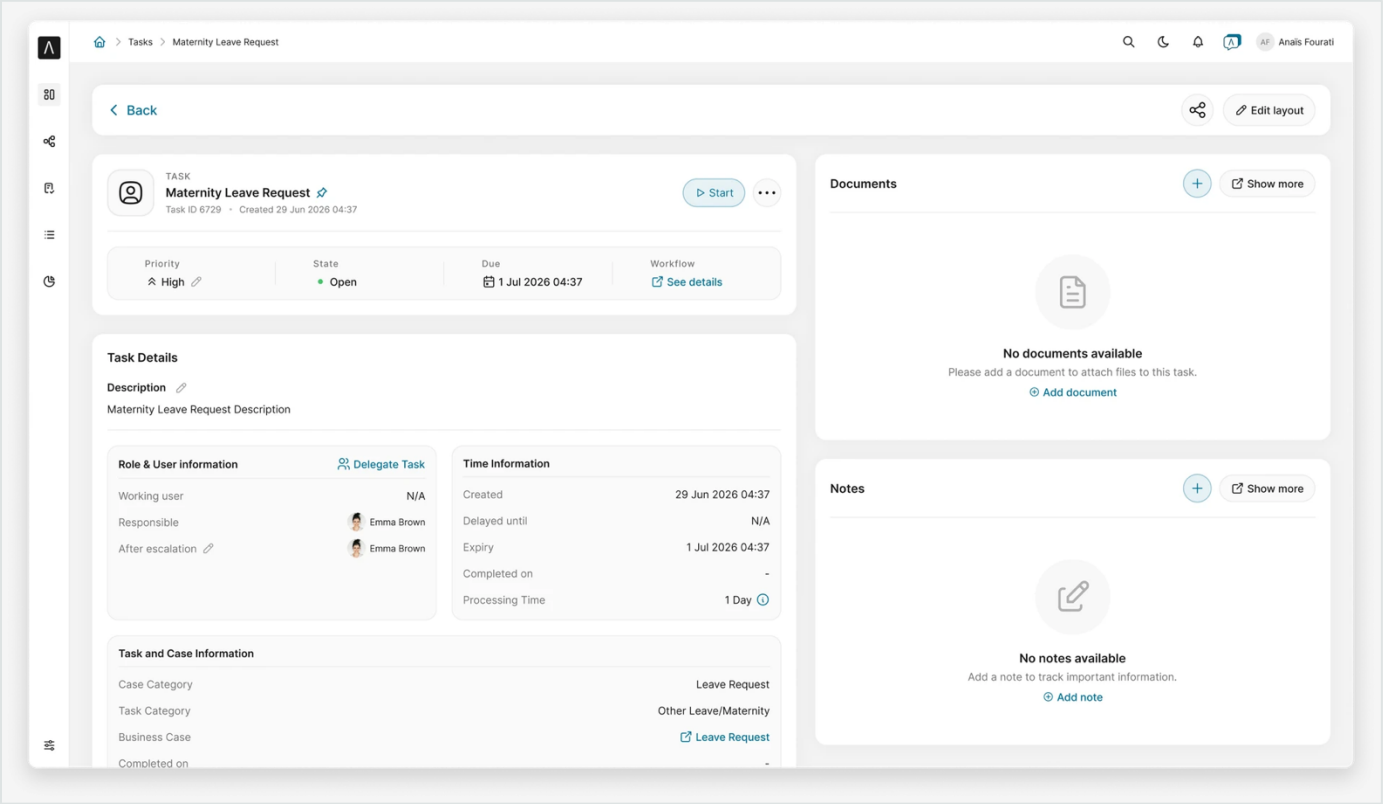


Portal

Task Handling and Portable Configuration

More efficient daily work, portable configuration and stronger compliance support.

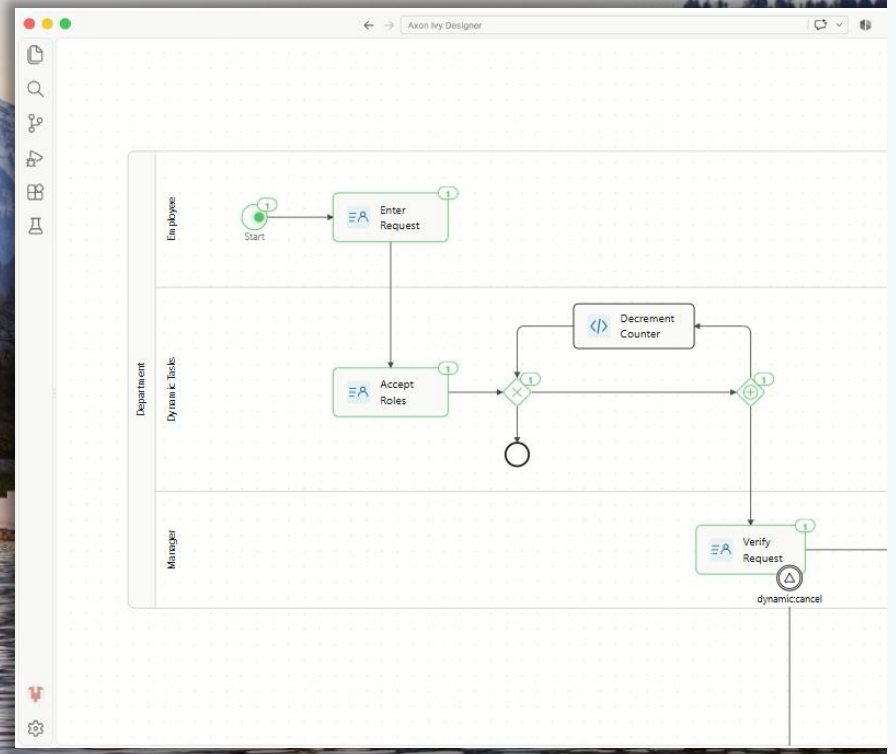
- **Task & Case Management:** Bulk delegation, absence management and improved case handling
- **Configuration Portability:** Standardized JSON export/import across environments
- **Accessibility & Compliance:** Automated WCAG checks and VPAT reporting



Orchestration and more

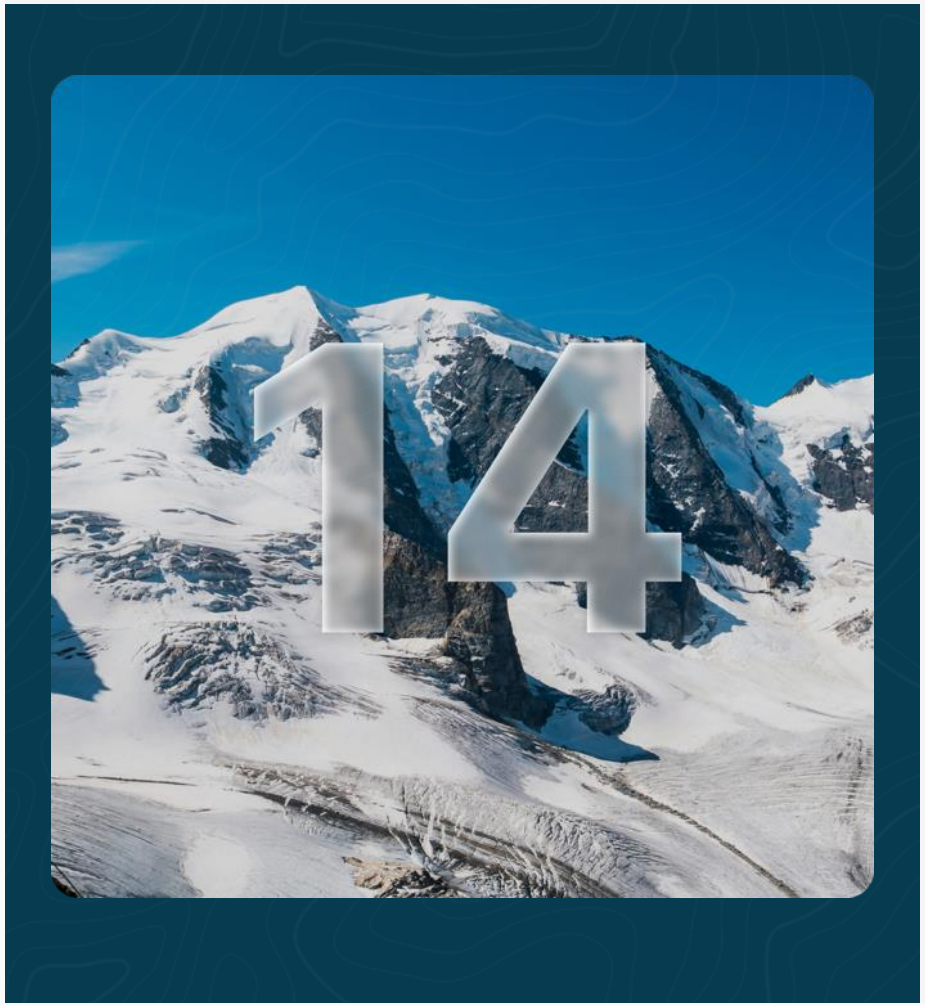
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Discussion

Questions & Answers



Resources

Key Links for LTS 14

The most important links for an overview of the new capabilities and improvements.



Marketing Release Page
https://www.axonivy.com/axon-ivy-lts-14



Developer News
https://dev.axonivy.com/news/14.0



Release Notes
https://dev.axonivy.com/doc/14.0/en/technical-info/release-notes/index.html



Migration Notes 12 → 14
https://dev.axonivy.com/doc/14.0/en/technical-info/migration/migration-notes-120-140.html



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https://dev.axonivy.com/download

Axon Ivy

Thank you

Let’s continue the conversation



www.axonivy.com

info@axonivy.com