



Summit58

Fluxnova Intro, Applied Demo & Performance Overview

April 14th, 2026



Who is this dude?

- 17 years of experience with Activiti, Camunda 7 and now Fluxnova.
- The first North American employee at Camunda, leading consulting for Camunda 7.
- Founded Summit58 in 2019 & led 30+ successful customer implementations.

Agenda

- What is Fluxnova?
- Can we see it in action?
- Does it perform at scale?
- Q&A



Fluxnova is an open, enterprise-grade workflow and decision automation platform built over 17 years of evolution.

It's rock-solid, stable and blazingly fast.

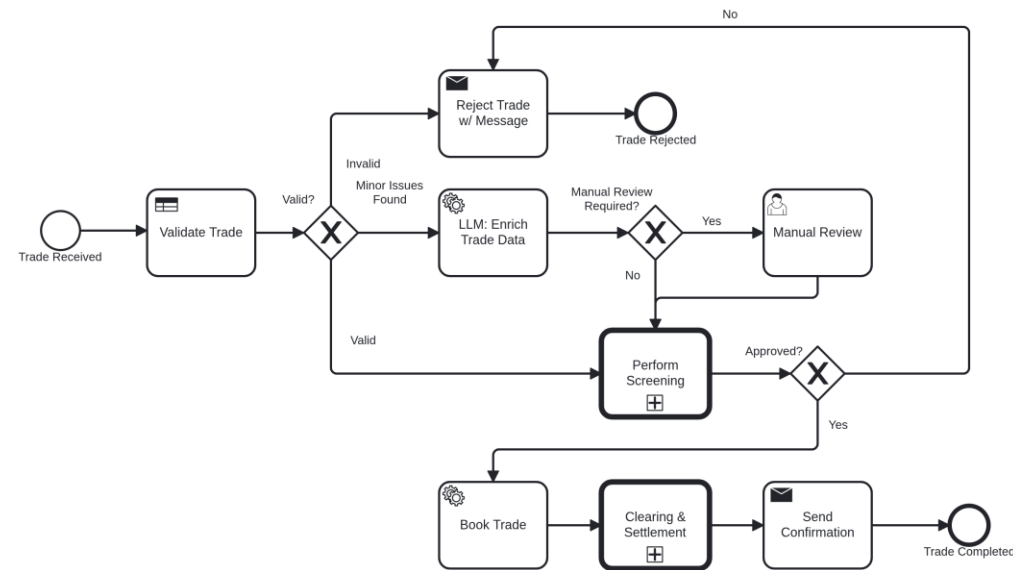
Fluxnova is backed by large Financial Services organizations with complex needs.



Financial Services Use Cases

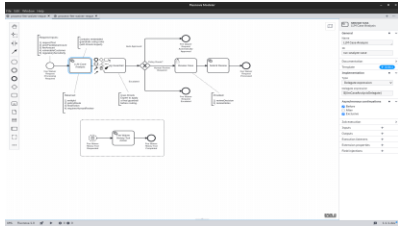
These are real-world use cases implemented by our maintainers & adopters:

- Trade processing
- Transfer of assets
- Asset management
- Digital KYC (Know Your Customer)
- Policy issuance
- Claim processing
- Etc!

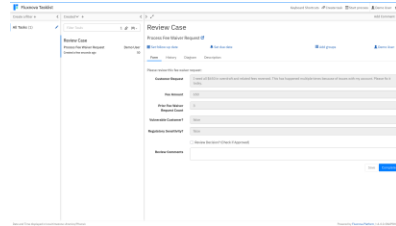


What's Included?

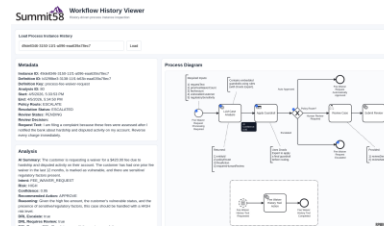
Fluxnova Modeler



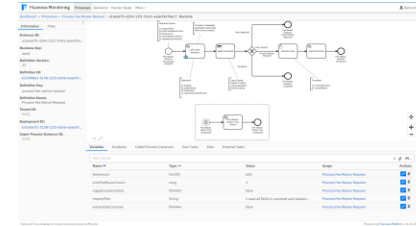
Tasklist



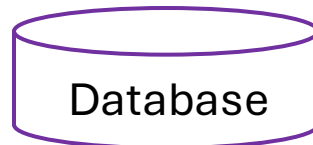
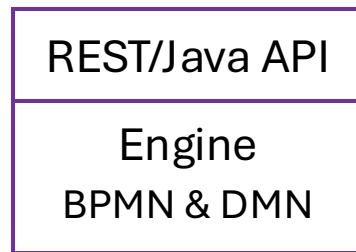
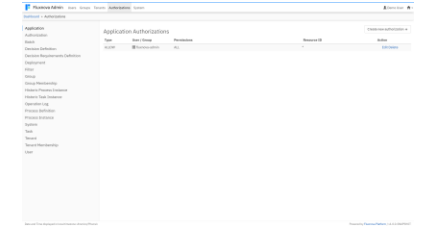
Custom UI Capabilities



Monitoring

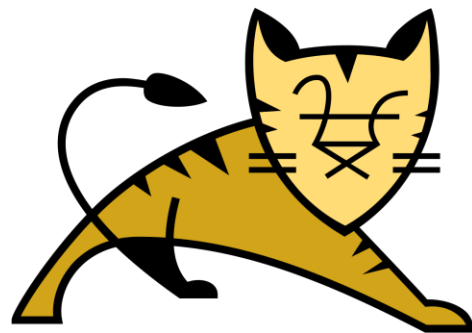


Admin



Deployment Options

Fluxnova is flexible; it only needs a relational database to run.



(Apache Tomcat)



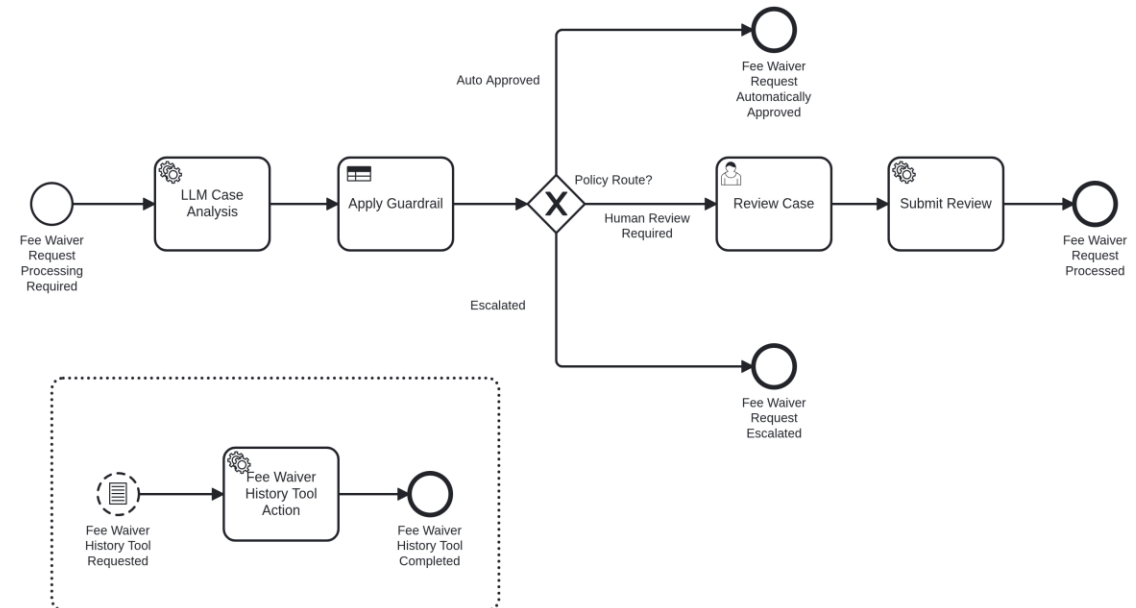
... etc, etc. 😊

Demo! Fee Waiver Process

Our demo is a simplified fee waiver request process.

Includes:

- Conversational request analysis with an LLM
- Multiple layers of guardrails:
 - Workflow
 - Embedded Rules
 - Auxiliary Rules
- Human oversight

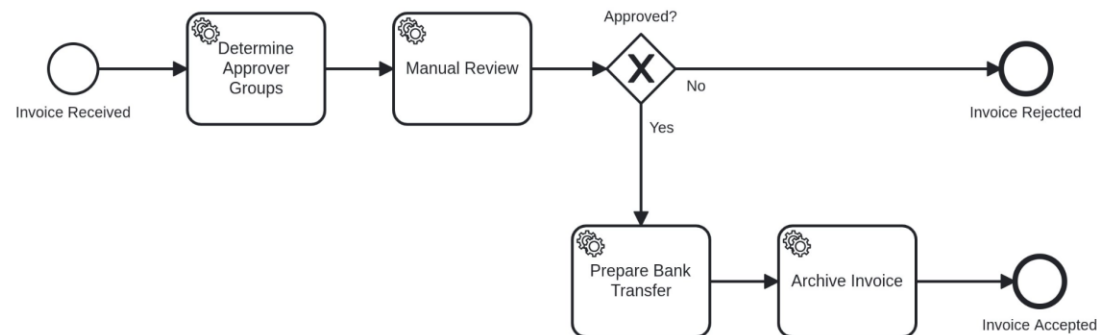


Developer-Scale Performance Testing

# of Instances	Duration	Instances/Day (Extrapolated)	Instances/Year (Extrapolated)
50	1.412s	3.059M	1.117B
100	2.754s	3.137M	1.146B
200	5.506s	3.138M	1.146B

Environment Details:

- OS: Debian 12 (Linux)
- 12 vCPU's
- 64 GB RAM



Enterprise-Scale Performance Testing

NOTES:

1. These results were produced on the same core engine that powers Fluxnova today, prior to the fork.
2. These test jobs, i.e. one activity. There were four jobs in each instance in the developer tests.

Job Type	Jobs/Second	Jobs/Day (Extrapolated)	Jobs/Year (Extrapolated)
No-op	4,135	357.264M	130.491B
0-99ms (Random)	3,350	289.440M	105.781B

Environment Details:

- AWS EC2
- 8 clustered engine nodes: 8xCPU, 16GB RAM each
- 1 central PostgreSQL 13.1 database service: 32xCPU, 128GB RAM





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Let's connect

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