



From Innovation to Industry Adoption: Fluxnova in Financial Services

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Intro



Craig Kitching is Head of the Digital Automation Platform at Fidelity Investments, where he leads teams responsible for workflow and automation platforms that power modern digital operations, including technologies such as Fluxnova.

Working closely with business partners and teams across the organization, he helps drive the transformation of complex business processes into streamlined, integrated workflows.



Miguel Capitão is the Head of Technical Architecture at Deutsche Bank, where he leads the design and evolution of large-scale platforms across the bank's global technology landscape.

His areas of focus include Cloud technologies and their adoption, the safe use of AI at scale, and good old-fashioned software engineering design, construction and testing practices.

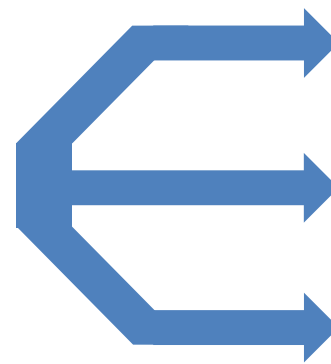
The challenge

Camunda is a BPM engine used for business process automation and workflow applications.

Camunda end-of-life

The licence holder of Camunda had announced a decision to focus on a new platform, Camunda 8, available only under a commercial license. This left Camunda 7 CE at End-of-Life with its final release on October 14, 2025. The End-Of-Life status implied no security or bug fixes post that date.

For Deutsche Bank and many others this forced a decision...



Invest to move to a commercial offering at significantly higher cost

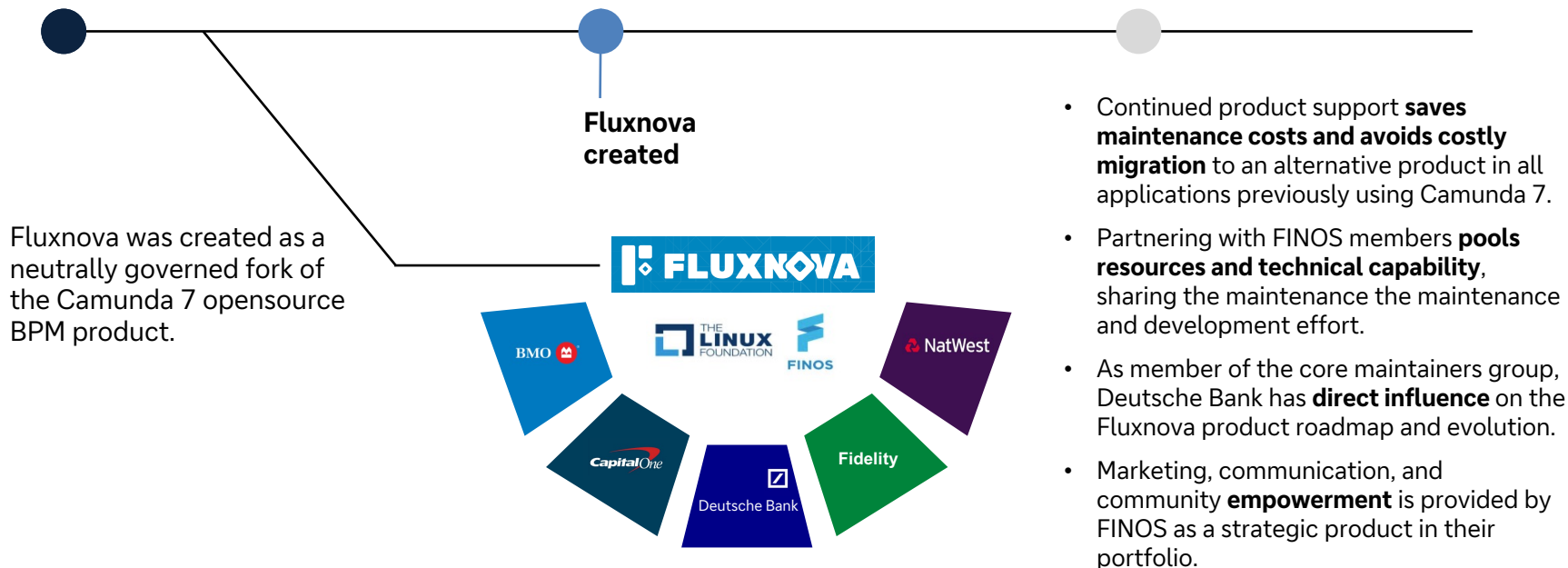
Continue running unsupported software at higher risk

Allow teams to fragment into multiple bespoke solutions

All of these options came with compromise.

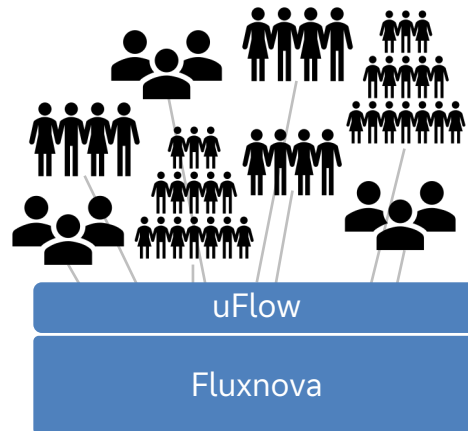
Our approach

FINOS members came together in a joint effort to create an independent opensource project



Taking a step further

Fluxnova is now embedded at the heart of uFlow, the bank's strategic workflow platform. uFlow is designed as a **strategic shared service** that removes complexity for teams across the bank.



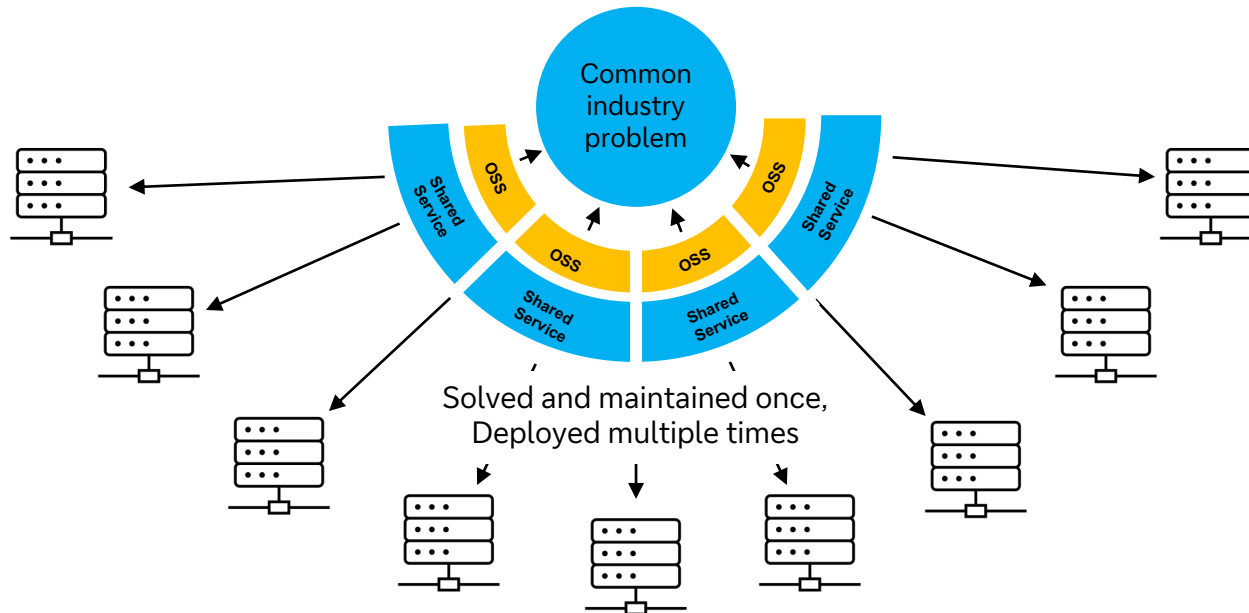
Fluxnova enables uFlow

Rather than building and operating their own workflow infrastructure, teams bring their BPMN process models and deploy them directly onto a **centrally managed platform**.

The uFlow team handles **infrastructure, configuration, upgrades, and ongoing maintenance**, including regular Fluxnova version updates.

A strong example of the benefits of open source

The shared services approach, based on industry leading opensource software, can be leveraged across many other similar challenges



Adoption of Fluxnova across Fidelity



Adoption By the Numbers

120+ E2E Business Processes

2500+ Process Models

1000+ DMN Models

100 Million+ Process Instances per year

1M+ Instances per hour peak



Broad Enterprise Alignment

Retail Brokerage

Retirement Services

Wealth Management

Asset Management

Clearing & Custody

Enterprise Technology

Why Adopt Fluxnova?

Fragmentation Fatigue

Disconnected legacy automation solutions built in silos



Process Visibility Gap

Lack of visibility into where processes fail



Scaled Operations

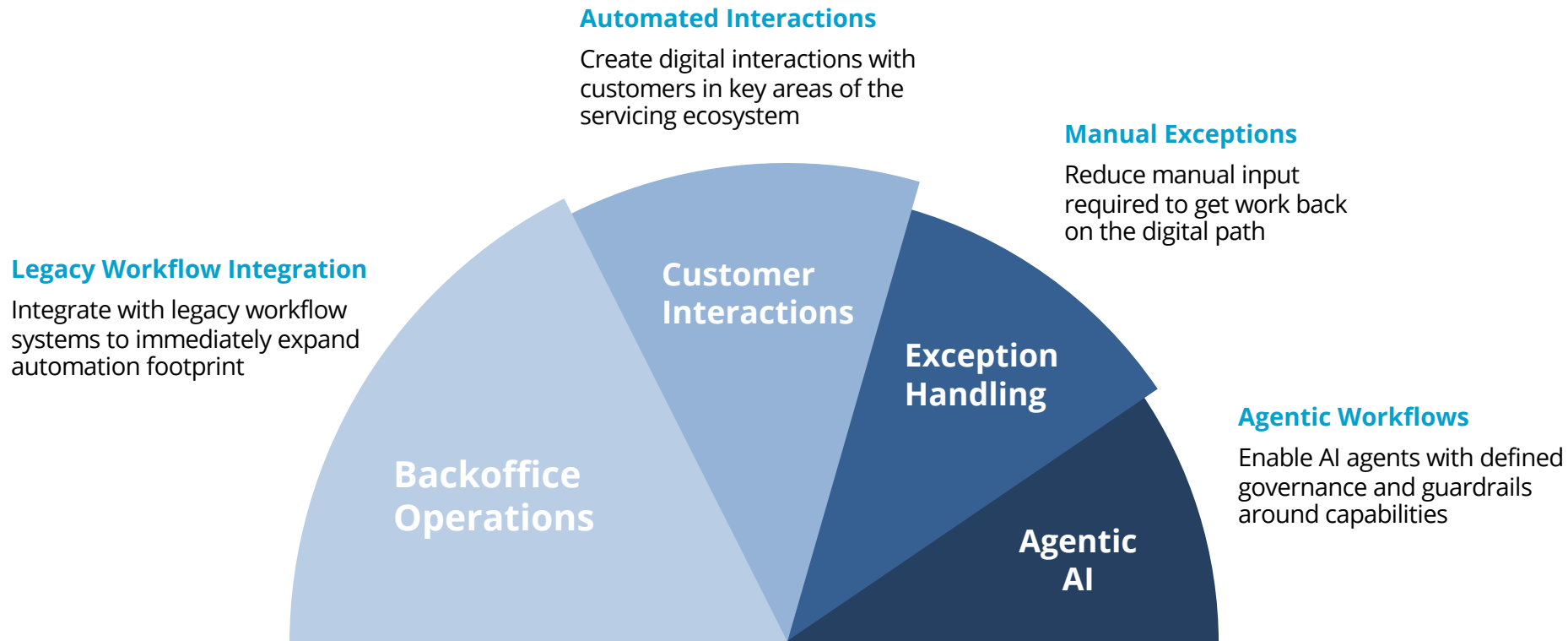
Growth leads to unsustainable operations cost



Rapid Change Requirements

Traditional development cycles can not keep pace

Where We See Opportunity



Extensibility Enables Adoption

Core Platform Capabilities



Core Engine



Modeler



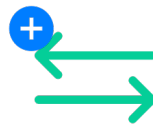
APIs



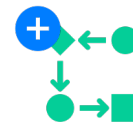
Monitoring



Fidelity Extended Features



Backwards
Compatibility



Process
Migration



Restricted
Data



AuthZ

Extensibility allows for custom feature sets to be created for the Enterprise and contributed to the community.



Key Upcoming 3.0 Features



AI Integrations

MCP and Agentic extensible
Plugins



Ad Hoc Subprocesses

Ability to execute dynamic
subprocesses



Process Insights

Process Administration &
Insights for the Enterprise



Key Library Updates

Significant TLM items
addressed



Restricted Data

Enhanced protection of sensitive
information

Join the Community at fluxnova.finos.org