

Red Hat
Summit

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Mendix: l'Intelligenza Artificiale applicata al Low-Code

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Mendix – a Siemens Business

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Mendix at a Glance *Inside and Outside*

2005



Founded

1000+



Employees Worldwide

SIEMENS

Joined Siemens in 2018



Strategic Partnerships

5K+



Customers

180K+



Developer Community

FORRESTER[®]

Number 1 in Forrester Wave



400K+

Apps Created on Mendix

140+



Universities

Gartner[®]

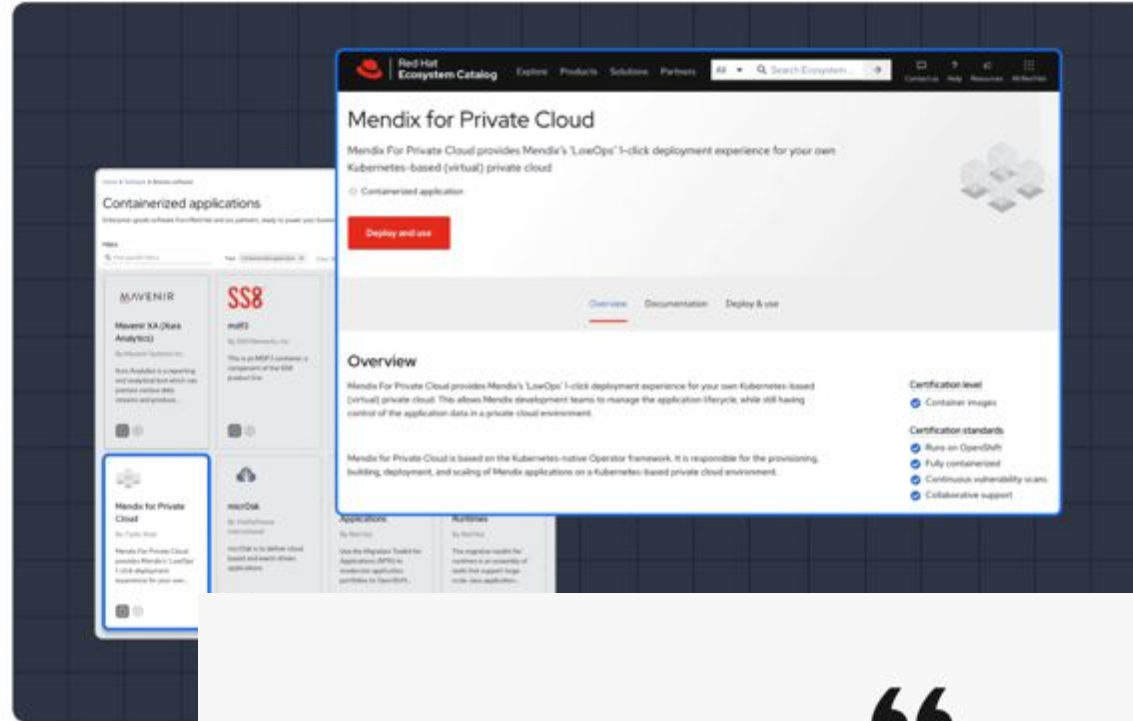
Leader Magic Quadrants



Mendix is the only Red Hat-certified low-code platform.

Leverage the speed and agility of Mendix plus the flexibility and security of Red Hat OpenShift.

Together, Mendix and Red Hat create an extra layer of self-service provisioning, fast deployment, monitoring and maintenance, logging, and security by default. Organizations of all sizes from all sectors are equipped with everything they need to close the gap between business demand and IT supply.



“

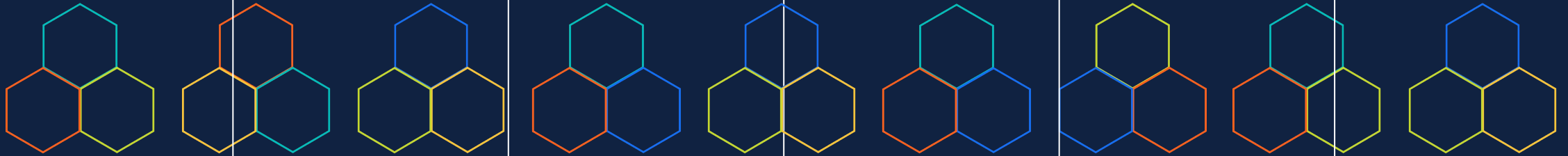
With this collaboration...businesses will be able to innovate faster, improve customer experiences, and unlock new opportunities...We look forward to working closely with Mendix to deliver industry-leading solutions that redefine the way businesses operate in the digital age.



Penny Philpot
VP of Partner Ecosystem Success EMEA

Digital advantage requires a platform for composition across all enterprise IT assets

TAILORED EXPERIENCES



mx mendix

THE ENTERPRISE LOW CODE DEVELOPMENT PLATFORM



CORE SYSTEMS

A single platform to build the broadest set of use cases

Digitalize customer experiences

- Customer/Suppliers Portals
- Onboarding
- B2C mobile app

NC STATE UNIVERSITY



Automate business processes

- Complex budget approvals
- Incident Management
- Plant maintenance



Modernize core systems

- Mobile SAP Supply Chain
- Smart Warehousing
- Work order management



“From idea to workable product that you can demonstrate to a customer in a fortnight, is unheard of. And we can do that.”

BARRINGTON CLARKE / DEVOPS LEAD / ZURICH INSURANCE

Low code landscape

Figure 1: Magic Quadrant for Enterprise Low-Code Application Platforms





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Mendix & AI



Low-code evolution

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1st Generation

Heuristic based low code

Identify patterns and turn them into standard and pre-built components and building blocks. Allow the users to visually drag & drop and build an app

2nd Generation

AI recommender based low code

Build an AI layer on top of the rule-based low code that recommends (predicts) context-driven next best step (e.g., components) and partially auto config them based on the context

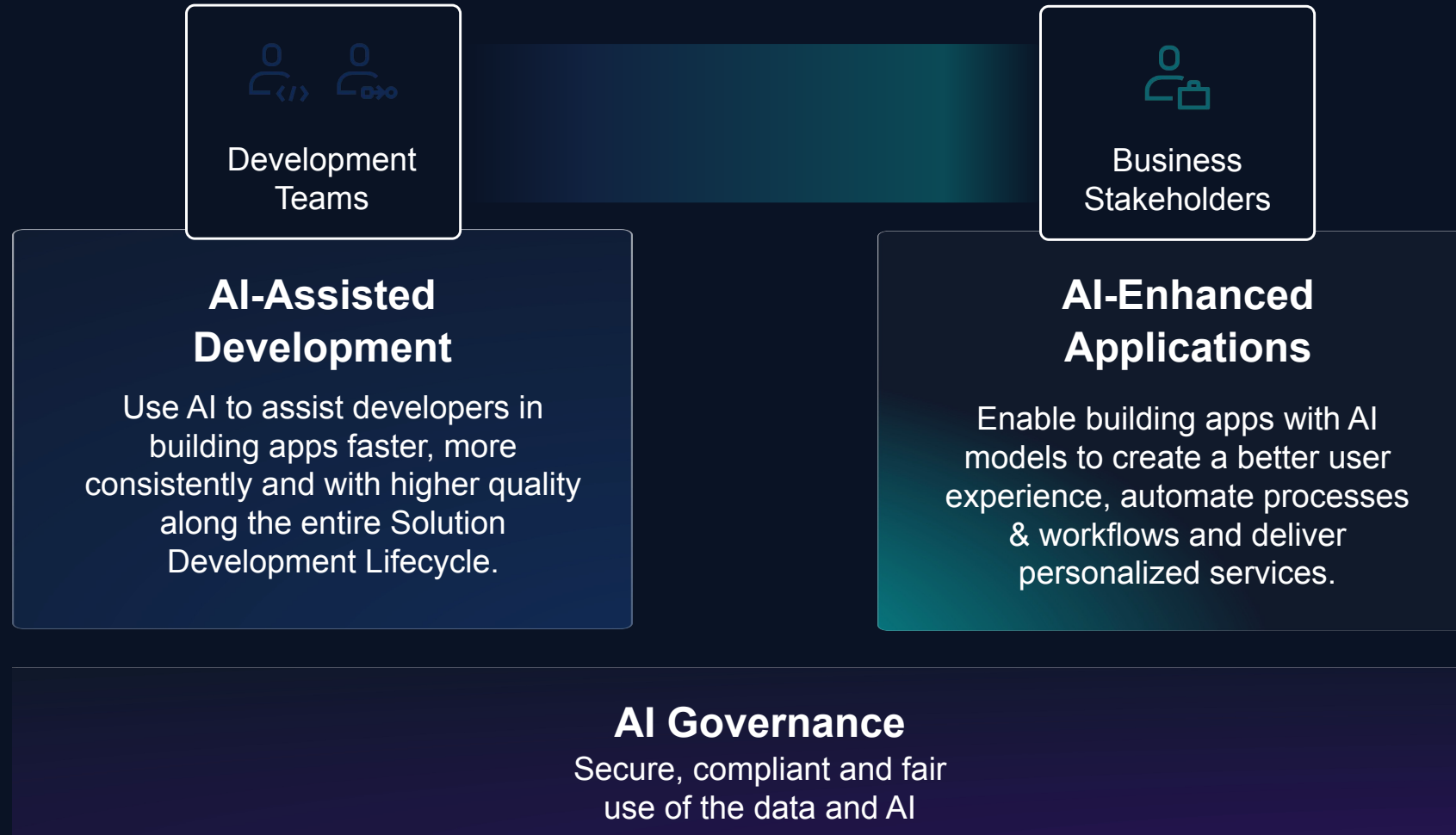
3rd Generation

Generative AI based low code

Build an AI layer that generates low code (e.g., documents or components) using requirements in natural language.

Mendix enables
Building Smart Apps
&
Building Apps Smarter

Embedded AI-Capabilities that enable teams to deliver more business value



Embedded AI-Capabilities that enable teams to deliver more business value



Currently available AI-Assisted Development capabilities

LOGIC BOT

Give real-time next best action recommendations with parameters in building business logic.

BEST PRACTICES BOT

Detect anti-patterns and guide how to resolve security & performance issues.

SMART DOMAIN MODELS

Speed up creating entities by automatically configuring data types based on the attribute name.

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Generative AI and Mendix

Leveraging generative AI, Mendix is building the next generation of low code developer productivity tooling. Transforming the conversation between developer and Mendix Studio Pro into something more natural, intuitive and powerful.

Guidance → Automation → App Generation



MendixChat

A Q&A-like chatbot for developer guidance

In Public Beta



A Q&A-like conversational chatbot in Mendix development IDE that guides Mendix developers on app development, how to apply concepts, best practices, patterns, etc.



Developer productivity



Developer learnability

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From a chatbot to an AI agent

MendixChat will evolve from a Q&A-like chatbot into an AI automation agent



First with simple automation like write commit messages (aka [Micro](#) automation)

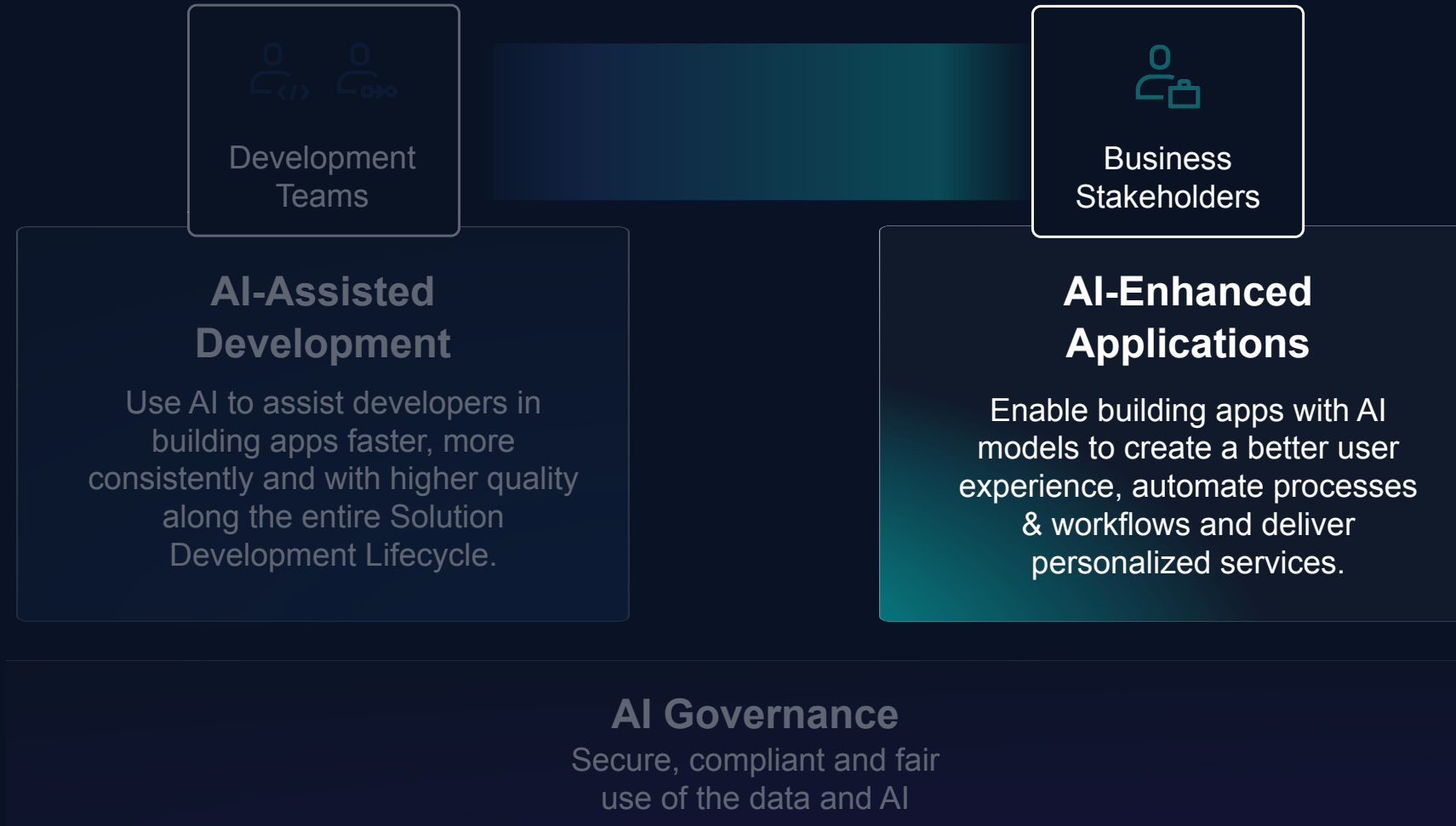


Then with advanced automation like creating application logic (aka [Macro](#) automation)

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Embedded AI-Capabilities that enable teams to deliver more business value



Mendix & AI Use Cases

Forecasting

Predictive forecasting based on historical usage, to optimize delivery

OCR

Text extraction from images, to streamline business processes

AI Assistants

Embedded assistants, to provide customer guidance

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The Mendix ML Kit



Integrate an AI model—built using common ML frameworks and languages—into Mendix run-time in a low-code way

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Thank you

