AIM 420

Automation Through Conversation

How UiPath uses GenAI and conversational interfaces to automate everyday work

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01 · THE COMPANY

Meet UiPath

WHAT THEY DO

Automation software

Robots and AI agents that take over repetitive computer work

WHERE THEY STARTED

Bucharest, Romania, 2005

Began as DeskOver, then went public on the NYSE in 2021

WHY THEY EXIST

Less busywork for people

Free workers from the time and stress of repetitive tasks

WHY THEY MATTER NOW

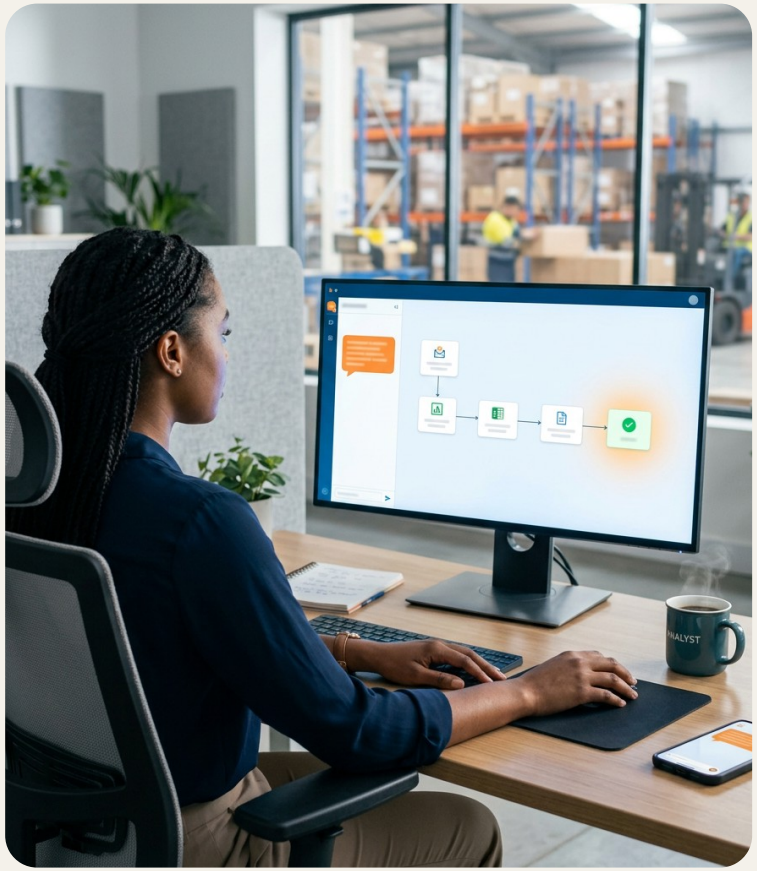
10,000+ customers

Now pushing into AI agents, a TIME Best Invention of 2025

02 · THE AI TECHNOLOGY

Feature 1: Autopilot

1. **Prompt Capture**
   Translating plain language requirements into structured process parameters.
2. **Automated Generation**
   Autopilot designs, configures, and validates the automation logic.
3. **Robotic execution**
   Bots deploy the workflow and feed real time status updates back into the chat interface.

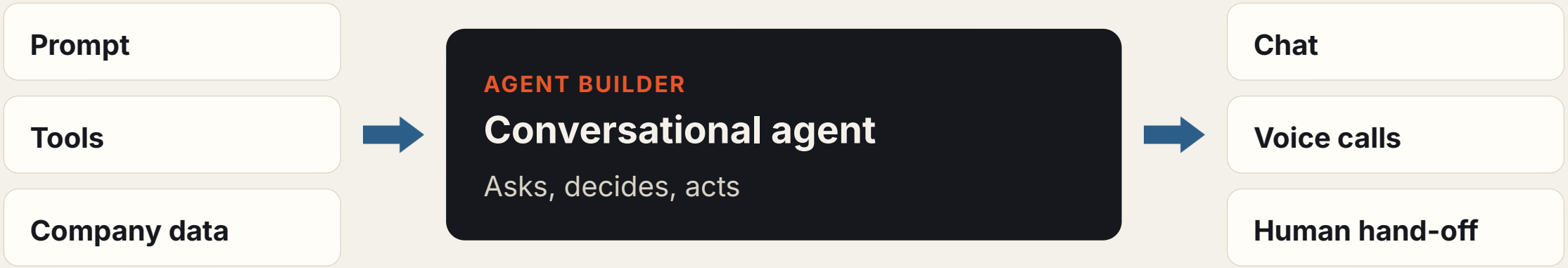


DEPLOYMENT OPTIONS

Generative Autopilot	Autopilot Chat	Autopilot for Everyone
Prompt to automation design	Context aware build assistant	Self service access to automation 100+ bots

02 · THE AI TECHNOLOGY

Feature 2: Agents that talk and act



SUPPLY CHAIN APPLICATIONS

Inventory Planning

Predicts stock needs to prevent shortages and bottlenecks

Peak AI at Hain Celestial

ERP Integration

Embeds AI agents in Enterprise Resource Planning systems

UiPath + Deloitte Agentic ERP

Warehouse Operations

Robots trained and directed through simple voice commands

LLM guided warehouse robots

03 · ADVANTAGES AND DISADVANTAGES

The upside and the catch

Advantages

Anyone can automate
Plain words, no code

Handles messy data
Emails, documents, scans

Faster builds
One prompt, one automation

Built-in guardrails
Trust Layer, audit logs, escalation

Disadvantages

Hallucinations
Confident but wrong answers

Privacy and governance
Company data meets LLMs

Usage based costs
Heavy use adds up

People and accountability
Jobs, and who answers for errors

04 · WRAP-UP

Key takeaways and my take

01 **Conversation is the new interface**

Plain language replaces code as the trigger for automation

02 **Built on a proven robot base**

GenAI sits on top of bots already running in 10,000+ companies

03 **Governance is non-negotiable**

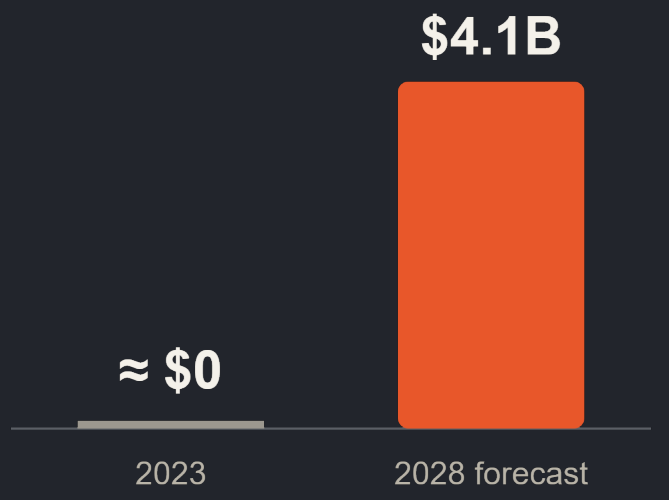
Value depends on guardrails, audit trails, and human oversight

MY TAKE

Managers will shift from doing tasks to supervising AI agents

The key skill becomes oversight, not coding

AGENTIC LABOR AUTOMATION MARKET



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