

IBM watsonx Assistant for Z

Simplify and transform your IBM Z experience with AI



Highlights

Increase productivity on the IBM Z platform

Minimize the learning curve for novice and experienced IBM Z professionals

Leverage agents infused with expertise so you can focus on results

Codify your IBM Z knowledge into trusted agents that work for you

Businesses rely on IBM Z® to operate their most critical applications, with mainframes handling approximately 70% of global transactions by value¹. Yet, onboarding new talent and enhancing workflows for more experienced talent remains a challenge. Given the integral role IBM Z plays in most enterprises, maintaining an expert workforce is paramount to business success. Generative AI and automation technology can provide the foundation for a simpler and more productive mainframe experience.

IBM® watsonx Assistant™ for Z enhances users' productivity by putting decades of experience and best practices at your teams' fingertips. It integrates seamlessly with your environment, working across agents, assistants, data, and applications to deliver contextual, real-time insights for better decision making. Users get accurate answers to IBM Z-related questions and perform tasks— with minimal human intervention. This assistant doesn't just respond—it acts. It automates routine and complex tasks with minimal human intervention, codifying expert knowledge into scalable, trusted workflows. With collaboration and reasoning in mind, it executes on behalf of users, improving productivity across all experience levels.





IBM watsonx Assistant for Z also accelerates expert knowledge transfer and transforms how automations are built and scaled—so tasks are done the right way, every time. You can customize it further by integrating your own enterprise documentation and requirements to provide a more personalized experience. IBM watsonx™ Assistant for Z improves IBM Z users' autonomy and confidence, reduces onboarding time and accelerates knowledge transfer from Z experts.

Increase productivity on the IBM Z Platform

IBM watsonx Assistant for Z uses Retrieval-Augmented Generation (RAG) to ground responses in both IBM Z documentation and your enterprise's own knowledge. If we don't know, we don't guess.

Conversational AI helps reduce cognitive load for novice and experienced Z users by crafting accurate, relevant responses to IBM Z queries. This provides the ability to understand your Z environment faster, and collaborate with agents across your ecosystem for deeper insights.

Minimize the learning curve for novice and experienced IBM Z professionals

In a recent study, Gartner found that by 2028, 33% of enterprise software applications will include agentic AI, up from less than 1% in 2024².

IBM watsonx Assistant for Z provides a single place to manage, deploy, and run all AI agents—IBM-built, third-party, and custom made. This feature democratizes expert knowledge with no-code tools to create agents in minutes and expand knowledge share. Z users can also leverage pro-code options for more advanced or custom workflows.

Leverage agents infused with expertise so you can focus on results

IBM Z AI agents—whether pre-built through watsonx Assistant or delivered by IBM Z software products—are specialized for mainframe workflows and embedded with decades of expertise. These pre-built agents deliver accelerated time-to-value and simplify deployment by providing assistants for use cases such as system insights, ServiceNow management, customer support and z/OS upgrades.

Codify your IBM Z knowledge into trusted agents that work for you

Easily integrate your own documentation, automations, APIs, and tools to tailor the assistant to your enterprise. Enforce compliance guardrails to execute only authorized user behavior —ensuring secure, authorized automations.



Ask any question and agents go to work for you, collaborating and executing the right tools to gather all the necessary information and provide with comprehensive response to any question for better decision-making with minimal human supervision.

Whether you're a new IBM Z professional looking to autonomously acquire the essential skills to add value or an experienced IBM Z professional looking to boost productivity, watsonx Assistant for Z provides the intelligence and tools to power your success.

To learn more about IBM watsonx Assistant for Z, contact your IBM representative or IBM Business Partner, or visit ibm.com/products/watsonx-assistant-for-z or [book a live demo](#).

1. IBM Institute for Business Value, Mainframes are mainstays of digital transformation, November 11, 2024
2. Gartner, Top Strategic Technology Trends for 2025: Agentic AI
Tom Coshow, Arnold Gao, Lawrence Pingree, Anushree Verma, Don Scheibenreif, Haritha Khandabattu, Gary Olliffe, October 21, 2024

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