

Introducing the new ibi™ AI Assistant in WebFOCUS®

Autonomous operational intelligence for the enterprise.

Self-service breakthrough

No coding required:

Empowers 100% of non-technical business users to create complex, interactive dashboards using plain English.

Beyond surface-level text:

Generate fully functional visual charts, multi-panel layouts, and automated diagnostic reports instantly.

Reduces IT tickets:

Streamline routine report authoring queues and let data engineering teams focus on strategic infrastructure.

Fully governed integration:

Connect seamlessly to enterprise LLMs (OpenAI, Gemini, Anthropic) while strictly enforcing database role permissions.

From conversational data discovery to plain-English report creation, the ibi™ AI Assistant redefines the boundaries of enterprise self-service. Natively embedded within the ibi™ WebFOCUS® Data & Analytics Platform version 9.3.8, this agentic assistant eliminates technical barriers, empowering everyday business users to instantly author visual content and uncover root-cause insights without writing a single line of code.

Unlocking the next stage of self-service analytics

Self-service analytics has continually evolved to bring data closer to business decisions. Early generations enabled business users to view static reports, while subsequent updates introduced interactive visual dashboards and intuitive drag-and-drop authoring tools. Today, the ibi WebFOCUS Data & Analytics Platform enters its next major phase of self-service—removing remaining technical barriers so anyone can interact with complex datasets using everyday natural language.

The **ibi WebFOCUS AI Assistant** elevates the self-service experience by combining conversational natural language processing with an autonomous, agentic operational engine. Version 9.3.8 makes it faster and more intuitive than ever for business consumers, department managers, and operational analysts to build rich analytics materials independently. Users simply describe what they want to explore in plain English, and the assistant automatically handles the underlying data retrieval, structures calculations, and renders presentation-ready visual content in real time.

Democratizing analytics across the enterprise:
The WebFOCUS AI Assistant turns natural language prompts into custom interactive dashboards, instant diagnostic reports, and operational workflows.



Business impact

The combination of single-step preparation and open data virtualization maps perfectly to high-stakes modern data profiles:

- **Real-time AI fraud detection:** Captures real-time mainframe transaction modifications via CDC, applies inline data quality profiling, and pipes clean streams directly into external AI models to detect anomalies instantly.
- **In-place access to mainframe data for data virtualization:** Exposes live mainframe logistics data to external cloud instances via ibi Open Data Hub, giving distributed analytics teams instant data access without triggering expensive cloud migration costs.
- **Automated workspace backup security:** Leverages native scheduling updates to automate system backup routines via Change Management (CM) package exports, pushing secure data snapshots straight to AWS S3 or Microsoft SharePoint.

Built to solve your core operational challenges

Even with modern BI environments, growing business demands can create operational drag and backlog friction. The WebFOCUS AI Assistant directly addresses these key operational challenges:

- **Reducing the IT backlog bottleneck:** Empowers non-technical business users to build, adjust, and expand their own dashboards independently, freeing data engineering teams to focus on core data strategy.
- **Moving beyond basic chatbots:** Upgrades standard text-summarization tools with an agentic engine that actively authors new visual content and conducts multi-tier root-cause analysis to explain metric variances.
- **Removing syntax prerequisites:** Eliminates the requirement for specialized database knowledge or coding expertise, opening complex analytics creation to every business user across the organization.
- **Streamlining complex report creation:** Simplifies the authoring process for multi-panel dashboards and nested analytical filters by converting natural language requests directly into structured, interactive layouts.

Bridging natural language to governed analytics execution

The WebFOCUS AI Assistant achieves a fundamental shift from passive chart viewing to active operational creation. Embedded directly into the WebFOCUS workspace, the assistant acts as a 24/7 intelligent co-navigator for both business users and technical developers. By translating plain-English requests into precise visual reports and deep diagnostic queries, version 9.3.8 delivers an intuitive, friction-free environment that turns every business user into a confident data creator.

Key architectural capabilities

To make self-service analytics effortless while maintaining enterprise-grade governance, the WebFOCUS AI Assistant operates through four foundational mechanisms:

- **Automated visual content authoring:** Instantly converts natural language prompts into fully functional, customized visual reports, charts, and interactive dashboards—eliminating manual design steps and complex layout setups.
- **Autonomous 3-tier diagnostic loop:** Executes multi-step background queries to move beyond tracking what happened (descriptive) to pinpointing precisely why metric variances occurred (diagnostic) and recommending immediate operational next steps (prescriptive).
- **Model-agnostic & enterprise-governed architecture:** Seamlessly connects to commercial enterprise LLMs (including OpenAI, Gemini, Anthropic, etc.) while strictly enforcing underlying database security, role-based permissions, and data lineage.
- **Developer co-pilot inside the WebFOCUS editor:** Acts as an embedded coding assistant for technical teams, generating, optimizing, and debugging complex database logic and FOCEXEC routines directly from plain-English instructions.

Core enterprise use cases

The conversational power of the WebFOCUS AI Assistant maps directly to primary operational roles across the enterprise:

- **Conversational self-service discovery:** Operational managers can ask, *"Show me quarterly regional sales variance by product line,"* and instantly receive a styled, interactive visual dashboard with dynamic filtering.
- **Automated executive root-cause analysis:** Business leaders investigating a sudden margin drop can prompt the assistant to pinpoint exact supply chain or regional cost drivers in real time.
- **Accelerated IT application development:** Senior developers and data engineers can instruct the assistant to draft complex procedural code, validate query logic, and debug scripts inside the WebFOCUS editor.

Why ibi?

Autonomous intelligence with industrial-grade trust

While competing BI platforms offer basic natural language summaries, they frequently lack deep operational execution and underlying data governance. The ibi WebFOCUS AI Assistant provides a single, unified foundation that bridges agile self-service exploration with industrial data stability. We ensure your business users gain the ultimate freedom to create complex analytics materials on demand, while your governance teams retain complete oversight over data security, logic, and access controls.

Take the next step

Experience how the ibi WebFOCUS AI Assistant can transform your organization's self-service analytics. Learn more and schedule a personalized demonstration or join our WebFOCUS AI Bootcamp.

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ibi delivers a modern data and analytics software platform that helps organizations harness the power of data to drive informed decision making. Fuel your digital transformation with data management and business intelligence capabilities to support large-scale deployments with embedded analytics and enterprise reporting built for cloud and hybrid environments and backed by deep industry expertise.

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