



EDB Postgres® AI: Hybrid Management

**Unlock hybrid control and unified observability
in sovereign environments**



The challenge: Inefficient operations block innovation

Enterprises adopt multiple, single-purpose systems to meet today's demand for real-time, personalized, AI-driven experiences. This produces numerous inefficiencies: Siloed systems, vendors, and tools create sprawl that makes administration costly, time-consuming, and daunting. Disparate systems also make it difficult to ensure tablestakes requirements such as high performance, and impossible to leverage critical data in new AI experiences for customers. This inefficient data and AI management introduces operational complexity that diverts effort from innovation, delaying the launch of new products and services.

The solution: Efficient hybrid management at scale

EDB Postgres AI provides turnkey data and AI sovereignty and simplifies management and observability in hybrid environments, boosting productivity by up to 30%. Leveraging deep Postgres expertise, EDB Postgres AI introduces cloud-native automation to ensure expert-level execution and consistency across all your Postgres deployments—even without DBA support. Extend the value of your existing infrastructure with a unified experience to manage and observe your AI-ready data, so your teams can focus on innovating to meet customer demands instead of dedicating limited resources to maintaining multiple, fragmented systems.

- **Achieve data and AI sovereignty:** Unlock secure, end-to-end control for your hybrid and multi-cloud environments with a single software installation that bridges the gap between your proprietary data and your agentic AI ambitions.
- **Simplify operations for hybrid environments:** Reduce reliance on disconnected systems. Leverage a single pane of glass with built-in automation, hybrid observability, and intelligent recommendations to boost app performance by up to eight times. EDB Postgres AI makes it easier to manage your sovereign data platform on your own terms.
- **Take action faster:** Empower your teams to make faster, better decisions. With deep observability across your hybrid environment, you can find and fix issues in seconds. Cloud-native automation frees your teams to focus on innovating.
- **Securely modernize for AI-ready data:** Extend the value of your existing data by making your Postgres and legacy data AI-ready without complexity or extra tools. Enable your teams to power AI experiences with your critical data.

Hybrid Management: Cloud-native automation, hybrid control, and deep observability from a single pane of glass

EDB Postgres AI unlocks hybrid control and unified observability in a sovereign container. Cloud-native automation simplifies management and ensures consistency across your sovereign platform. Deep observability with intelligent recommendations helps you resolve bottlenecks for expert execution in seconds, even without specialized database expertise or tools. Securely migrate and sync external data to extend the value of your existing infrastructure while effortlessly modernizing legacy applications, all within your controlled container. Manage, transform, and observe your AI-ready data while boosting productivity and ensuring data and AI sovereignty.

- **Cloud-native automation:** Automate management for hundreds of databases, delivering expert-level execution with fewer resources. Deploy resilient, distributed databases in minutes instead of hours or days to enable mission-critical performance and availability, simply and securely.
- **Unified observability:** With access to 200+ deep database metrics, you can optimize performance and availability. Intelligent recommendations based on your historical query performance help you find and fix issues in seconds while boosting app performance by up to eight times. EDB Postgres AI provides a single pane of glass to view both EDB Postgres AI databases and third-party Postgres.
- **Sovereign migrations:** Enable seamless migrations within your secure environment. Quick, automatic assessments identify the complexity and level of effort to migrate, making it easier to plan your modernization. Leverage native Oracle compatibility to migrate with 95% fewer app rewrites.
- **AI-ready data:** Securely sync existing data with EDB Postgres AI to create a private knowledge base, modernizing your legacy applications into AI-driven customer experiences without risking data and AI sovereignty.

Key benefits

- **Operate efficiently at scale:** Built-in automation, hybrid observability, and recommendations simplify operations, even as your business grows.
- **Maximize ROI:** Consolidating on a single data and AI platform empowers your data teams to maximize the value of your existing data assets while eliminating legacy licensing fees—with up to six times lower TCO—and reducing costly cloud consumption.
- **Optimize in real time:** Single-pane-of-glass observability across hybrid deployments allows you to monitor, observe, and respond to issues five times faster, without extra tools or skills.
- **Accelerate AI innovation:** Enable your teams to quickly develop AI applications, without specialized tools, expertise, or infrastructure changes that delay new deployments.

Key use cases

- **Hybrid database-as-a-service (DBaaS):** EDB Postgres AI combines the automation, scale, and simplicity of a cloud DBaaS without the deployment lock-in, so you can grow and innovate faster in a hybrid, sovereign environment. With integrated support for diverse data requirements and a user-friendly experience, you can accelerate application development simply and securely. [Learn More »](#)
- **Legacy application modernization:** EDB Postgres AI enables modern data infrastructure for next-gen application development within a hybrid, customer-controlled environment. Modernizing from legacy systems to EDB's hardened PostgreSQL reduces costs and improves performance, availability, and security outcomes while enabling developers to leverage diverse data models for modern apps. [Learn More »](#)
- **Air-gapped environments:** Unlock enterprise-grade Postgres and EDB Postgres AI's full feature set on premises, creating a closed loop to operate your secure data infrastructure with zero cloud connectivity for a full air-gapped environment. Protect sensitive data and support local data processing without giving up your AI ambitions or the operational benefits of cloud-native automation. [Learn More »](#)
- **Intelligent optimization:** Proactively, efficiently optimize your hybrid data platform with intelligent recommendations that boost performance while reducing costs and your carbon footprint. In a few clicks, you have finely tuned systems, avoiding months and thousands of dollars spent with database consultants.

Hear from our customers

"We wanted to give the best possible support to applications when running on Postgres, so we wanted to select the leader supporting Postgres open source database technology. This is why we decided to work with EDB."

— Arnaud de Chavagnac, Head of Product Marketing, Murex

[Read the Case Study »](#)

Learn more

[Web page:](#) EDB Postgres AI

[Web page:](#) Get to Know EDB Postgres AI Hybrid Management Features

[Report:](#) EDB Postgres AI Enables 3x Faster AI Development

[Report:](#) Achieve up to 6x Lower TCO than Traditional Databases

About EDB Postgres AI

EDB Postgres AI is the first open, enterprise-grade sovereign data and AI platform, with a secure, compliant, and fully scalable environment, on premises and across clouds. Supported by a global partner network, EDB Postgres AI unifies transactional, analytical, and AI workloads, enabling organizations to operationalize their data and LLMs where, when, and how they need it.