



EDB PostgreSQL® AI

Your sovereign data and AI platform



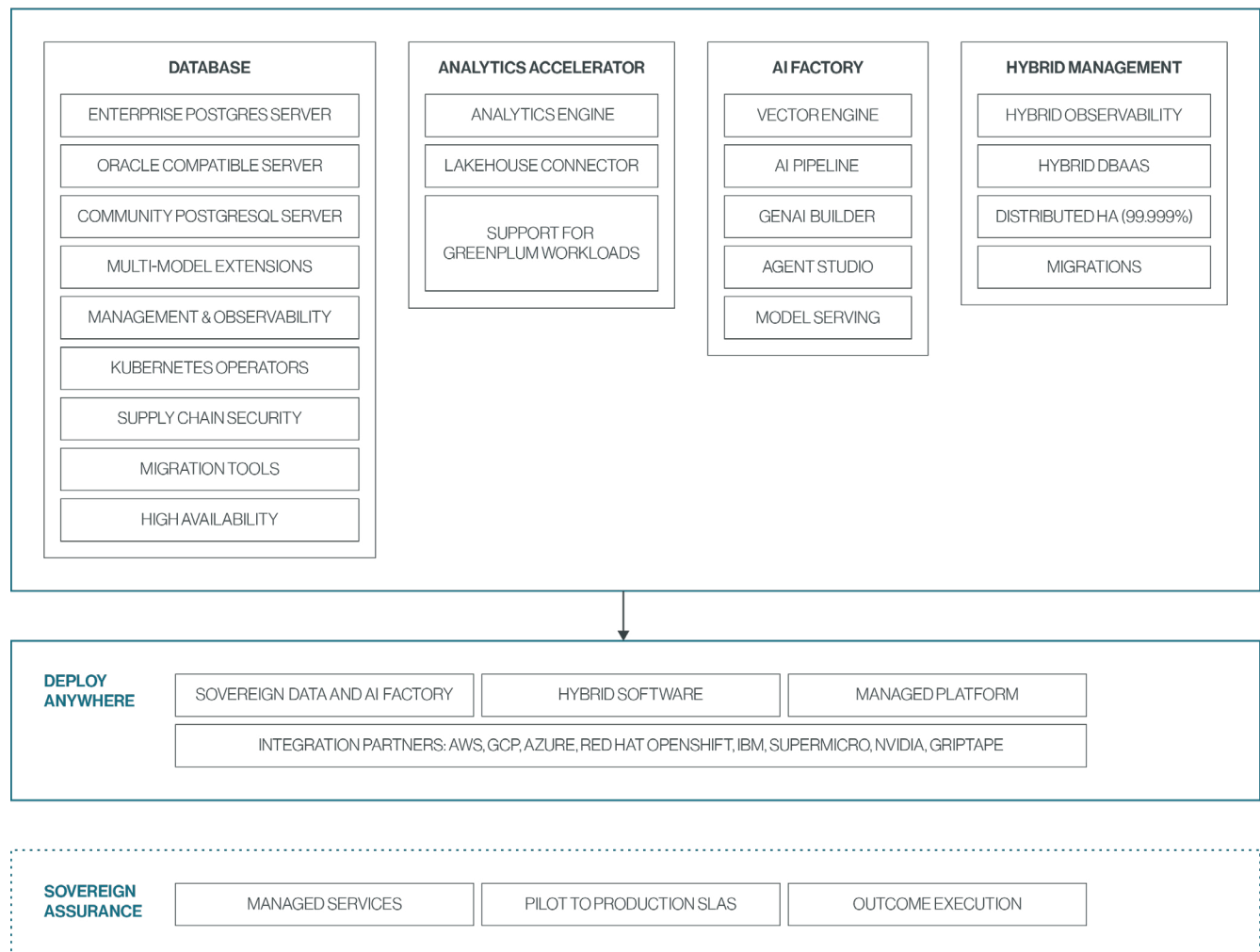
The challenge: Fragmented data and sovereignty concerns hinder AI innovation

Today, data and AI sovereignty are at the forefront of every decision, with organizations prioritizing tech that is secure by default to minimize risk. At the same time, data is spread across legacy systems, disconnected cloud databases and tools, and siloed teams. The growing sprawl makes it difficult to view, manage, and augment critical data, blocking organizations from unlocking its full value to meet evolving AI demands. Teams need a hybrid, flexible platform that adapts to emerging technology, makes existing data assets AI ready, and enables faster AI development, without risking data sovereignty.

The solution: EDB Postgres AI is the simplest, fastest path to innovation in sovereign, hybrid environments

EDB Postgres AI is a sovereign data and AI platform, built by the leader in Postgres, to bridge the gap between your proprietary data and your agentic AI ambitions. With hybrid management and observability across your strategic data infrastructure and automatic pipelines and low-code/no-code development tools that securely operationalize data for AI, you gain the agility required to accelerate innovation while maintaining control over your sovereign environments. EDB Postgres AI extends the value of your infrastructure and delivers a future-proof foundation that transforms your core operational data into an AI-ready asset, boosting efficiency by up to 30% and bringing AI into production [3x faster](#), simply and securely.

EDB POSTGRES AI



A single database platform for any workload, ready for sovereign AI

EDB Postgres AI provides an all-in-one data platform to unify transactional, analytical, and AI workloads in a sovereign environment. Your business applications remain continuously available with up to 99.999% uptime to safeguard your revenue streams and customer satisfaction. Deliver immediate cost efficiency—up to [6x better](#) than traditional databases—and create an agile, open foundation with complete data sovereignty.

Benefits

- **Build without traditional boundaries:** Build modern applications faster with one familiar data store for transactional, analytical, and AI needs. EDB Postgres AI natively supports GenAI, so the innovation never stops.
- **Deliver always-on experiences:** Ensure high availability to prevent downtime that directly impacts revenue. Maintain customer satisfaction through consistently reliable service.
- **Secure your data assets:** Build on open source with confidence, knowing that your data is backed by enterprise-grade security best practices from the most trusted Postgres provider.
- **Boost productivity for busy teams:** With container-driven automation, simplify complex infrastructure tasks and deploy Postgres anywhere in minutes instead of days, freeing up time for innovation.

Unlock hybrid management and unified observability in a sovereign container

EDB Postgres AI offers data and AI sovereignty with efficient hybrid management at scale. The platform delivers EDB's decades of Postgres leadership through built-in, cloud-native automation, single-pane-of-glass management for mission-critical databases, and deep observability across your hybrid environment, boosting productivity by 30%. Optimize your infrastructure with intelligent recommendations to find and fix bottlenecks in seconds and accelerate application performance by up to eight times—even without database expertise.

Benefits

- **Turnkey data and AI sovereignty:** A single solution unlocks hybrid data sovereignty in a secure container, providing flexibility and end-to-end control that public cloud can't deliver, all with [51% lower TCO](#).
- **Operate efficiently at scale:** Simplify operations and boost productivity up to 30% as your business grows. Built-in automation and deep observability improve app performance by up to eight times.
- **Take action faster:** Make data-driven decisions in real time. With 200+ metrics and single-pane-of-glass observability, you can monitor, observe, and respond to issues quickly, finding and resolving bottlenecks five times faster.
- **Securely modernize for AI-ready data:** Bring AI to your critical data infrastructure, making it easier, faster, and more secure to modernize your legacy applications into AI-driven experiences.

Securely build, test, and launch sovereign AI applications with a built-in AI factory

Transform your organization into an AI-first enterprise, making GenAI development accessible across all departments without exposing your proprietary data to public LLMs, securely enabling AI development faster with [67% less complexity](#). Streamline your entire AI workflow with a single, integrated platform where everyone can create inferencing applications and agents with point-and-click interfaces for business users and low-code tools for advanced development. Leverage your existing Postgres data for production-ready GenAI applications while maintaining complete data and AI sovereignty.

Benefits

- **Accelerate time to market for GenAI apps:** Transform data into production-ready GenAI applications three times faster than doing it with cloud services. Use just five lines of code to kickstart your AI pipelines, eliminating complex integration work.
- **Equip every team to build custom, sovereign AI:** Enable every department to create GenAI solutions with a low-code SDK for developers and no-code interface for business users. Scale AI adoption without AI talent bottlenecks.
- **Design only once, with secure, automated data management:** Adapt seamlessly to new demands with reusable architecture, automated AI data pipelines, and swappable models.
- **Deliver more value from your data with agentic AI:** Turn data into action with intelligent AI agents that unlock new insights and efficiencies.

Leverage an analytics accelerator to get rapid insights from your operational data and simplify agentic analytics

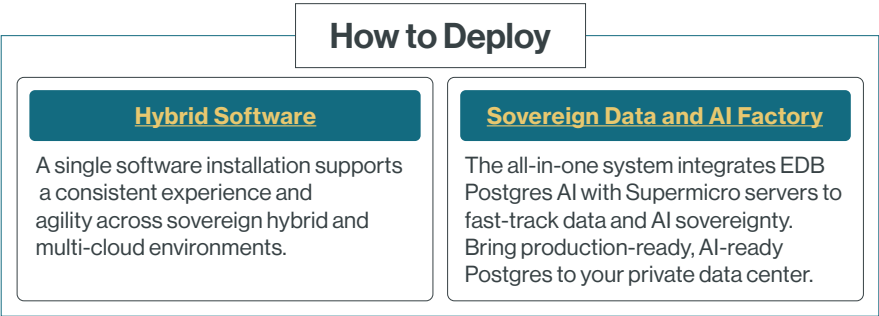
Make better decisions quickly and efficiently, with 30x faster insights directly from operational data. Eliminate complex extract, transform, and load (ETL) pipelines. Optimize performance and protect business continuity with an analytics engine that runs on separate compute resources, including automatic storage optimization for hot and cold data and lakehouse interoperability for 18x cost savings.

Benefits

- **Get faster insights from operational data:** Gain 30x faster revenue, driving insights from your latest operational data while breaking down data silos and eliminating complex pipelines.
- **Upgrade availability for data teams and infrastructure:** Improve operational efficiency and free up valuable team resources with simplified data management. Protect business continuity with high availability, automatic storage optimization, and dedicated analytics resources.
- **Lakehouse modernization in a sovereign environment:** Adapt to the changing data landscape with an open source platform that both integrates with the modern lakehouse ecosystem and preserves strict governance for your sovereign environment.
- **Continuous innovation with analytics agents:** Drive scalable innovation and gain previously undiscoverable insights with analytics agents that autonomously process massive datasets and perform repetitive tasks.

Achieve data and AI sovereignty in your environment of choice

Deploy EDB Postgres AI anywhere. EDB Postgres AI is the most flexible way to deploy production-ready Postgres in your controlled environment of choice—cloud, multi-cloud, on-premises, or hybrid. With EDB Postgres AI as the keystone of your sovereign environment, you bring your proprietary data to your AI future, on your own terms. Unlock portability with modern tools to stay at the forefront of the evolving AI ecosystem, without sacrificing control, cost, or performance.



Benefits

- **Deploy in your environment of choice:** Leverage a single solution to bring agility and data and AI sovereignty to multi-cloud and hybrid environments, on your own terms.
- **Grow with data sovereignty:** Maintain full control over your data as you scale to meet evolving workload demands.
- **Future-proof your data and AI strategy:** Adapt to new market demands effortlessly with the most flexible infrastructure for running AI workloads in private environments.

Key use cases

- **Sovereign AI:** EDB Postgres AI powers private GenAI inferencing where your data resides, ensuring complete control over your AI operations. Eliminate data movement, enhance security, and free yourself from vendor lock-in and cloud data access fees with flexible, private deployment options.
- **Hybrid DBaaS:** Leverage the automation, scale, and simplicity of a cloud DBaaS without the cloud lock-in, enabling agility in your hybrid, sovereign environment. EDB Postgres AI eliminates undifferentiated admin work so you can focus on new, value-adding initiatives.
- **Legacy application modernization:** 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.
- **Omni-data platform:** EDB Postgres AI combines seamless integration with lakehouse tables in object storage and open source Postgres multi-model support, unifying structured, semi-structured, and unstructured data in a single location.
- **Secure open source software:** EDB is a trusted enterprise provider for hardened Postgres, protecting against all known vulnerabilities, so you can build with confidence. Extra layers of security protect customer data and limit database access.
- **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.
- **Agentic analytics:** Power an endlessly scalable workforce of agents to discover untapped value from your data. With 24/7 autonomous monitoring, enable faster lead discovery and higher conversion rates without manual effort.

Learn more

[Database »](#)

[Hybrid Management »](#)

[AI Factory »](#)

[Analytics Accelerator »](#)

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.