EDB Postgres® AI Managed Platform

Your sovereign data and AI platform, delivered and optimized to accelerate new workloads and GenAI projects with ease.

The challenge: Blockers for achieving hybrid data and AI sovereignty

As data and AI become foundational to business innovation, enterprises need hybrid solutions that offer both agility and data sovereignty, without adding extra operational complexity, skill, or resource requirements.
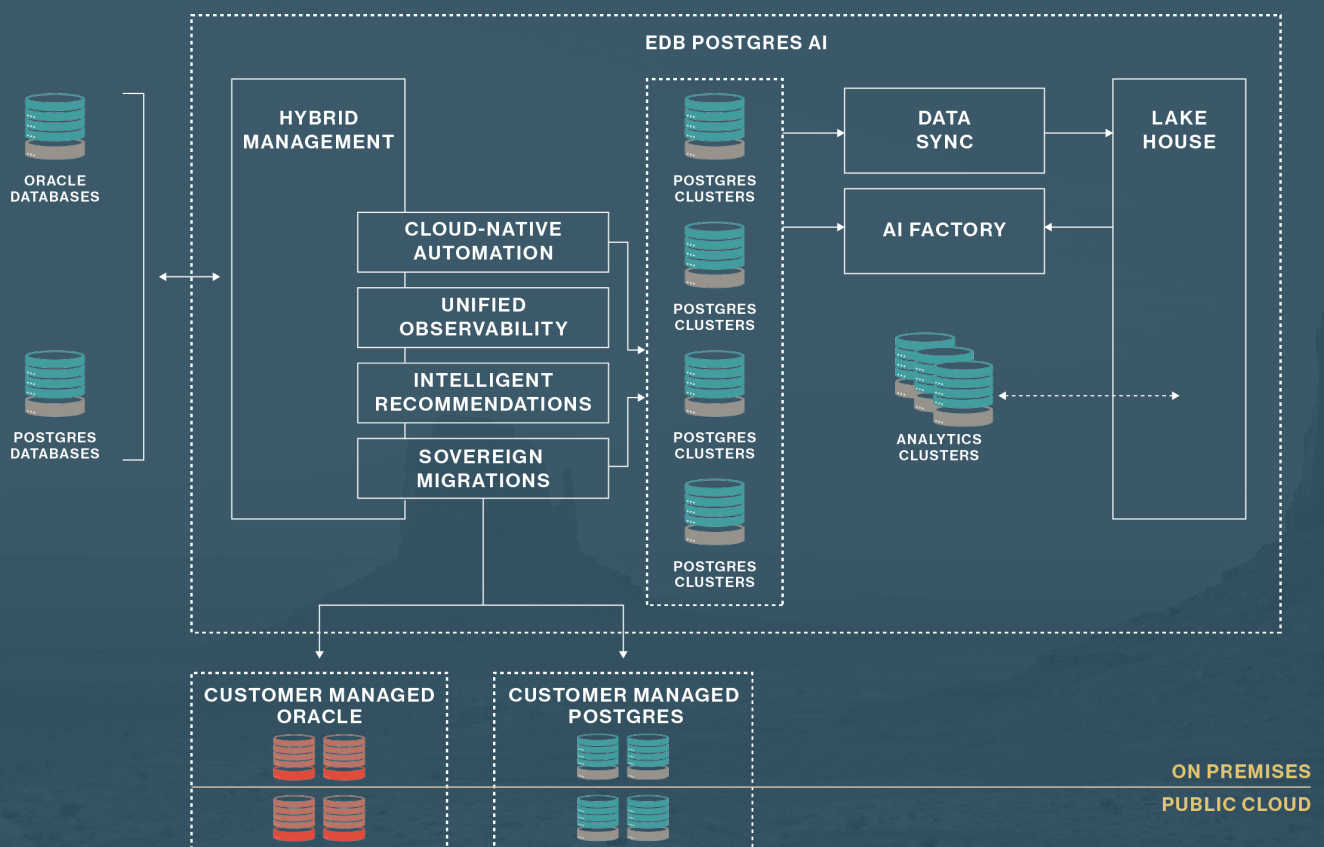
- **Resource and skills required for production operational, analytics, and AI workloads:** Today, businesses are forced to up-skill their existing teams, hire, or pull in employees from other important projects to leverage the Postgres and Kubernetes skills required to deploy enterprise-grade data and AI platforms, whether purchased or built in-house.

- **Stalled innovation:** Time spent installing, piecing together, and configuring tools, ramping up developers, and coordinating across teams should instead be used for new projects. Teams can't dedicate more time to undifferentiated management than on value-adding work.

- **DBaaS experience is limited to cloud:** Organizations have traditionally turned to public cloud database-as-a-service (DBaaS) offerings to drive operational efficiency. However, these services limit deployment flexibility (cloud only) and lack portability with other platforms.

- **Availability demands:** High availability (HA) is required for production applications and geo-distributed architectures help maintain consistent experiences for customers. However, distributed architectures are difficult to deploy, manage, and maintain and the lack of uptime guarantees and vendor lock-in cycles from cloud solutions can stall mission-critical workloads.

The solution: EDB Postgres AI Managed Platform brings a cloud-managed experience to your hybrid platform.

Unlock the full benefits of EDB Postgres AI (EDB PG AI) without the need for in-house Kubernetes or Postgres skills and resources. With installation and proactive support from EDB's experts, you get immediate access to your sovereign data and AI platform and bring a cloud-managed experience to your hybrid environment. Now, you can accelerate innovation while eliminating resource constraints, boosting efficiency, and ensuring data sovereignty.

- **Deploy instantly, scale effortlessly:** Gain immediate access to your sovereign data and AI platform. Your production-ready, hybrid environment is set up and optimized for you, eliminating the need for specialized Postgres and Kubernetes expertise and added effort, so you can get started with ease.

- **Accelerate AI time-to-value:** Focus on innovation, not management. Leverage a single platform to accelerate operational, analytical, and AI workloads, and unlock the fastest path to reaching your agentic and GenAI goals (up to 3x faster), without added operational complexity or skills required.

- **Agility in any environment:** Get a managed experience in any environment—in the cloud, on-premises, or hybrid—delivering agility without being tied to a single cloud service provider. Leverage your sovereign data and AI platform where and how you need it.

- **Ensure business continuity:** Power 24/7 global businesses with up to 99.999% availability, without the operational burden of managing complex distributed architectures. With uninterrupted operations, you enable always-on customer experiences and prevent downtime to protect revenue streams.

Key features

- **Managed deployment and proactive optimization:** A team of experts installs, configures, and deploys your sovereign data and AI platform, and maintains continuous expert execution through managed version upgrades, provisioning, security patching, scheduled and on-demand backups, and point-in-time recovery. Improve cost, performance, and energy efficiency outcomes, without dedicating in-house resources.

- **Deployment flexibility:** EDB PG AI provides the most flexible way to deploy production-ready Postgres. With a container-driven platform and automation, you can operate in your environment of choice—in the cloud, across clouds, on premises, or hybrid. Unified management and observability enable the flexibility to innovate while maintaining control over your sovereign environments.

- **AI-ready data:** Securely transform your core operational data into an AI-ready asset with a complete Postgres platform for GenAI inferencing. Automated AI pipelines, observability, a low-code/no-code GenAI builder enable production-ready AI apps in weeks. Plus, sync external data to create a private knowledge base, quickly modernizing your legacy applications into AI-driven experiences with 67% less complexity.

- **Distributed high availability:** Remove the complexity of setting up and maintaining a highly available, geographically distributed Postgres environment. Power always-on, resilient applications with EDB's expertise, enable up to 99.999% uptime, built on geo-distributed, active/active architecture, to power always-on, resilient applications.

- **Sovereign migrations:** Unlock a secure, fault-tolerant way to migrate within your own environment. AI-driven recommendations, automatic assessments that identify the level of effort to migrate, and native Oracle compatibility that reduces app rewrites by up to 95% make it easier to plan and perform seamless modernizations.

Accelerate your innovation with a platform optimized to your workload needs

EDB PG AI Managed Platform

	Platform management	Platform and Database management	Distributed High Availability (HA) management
Platform installation, configuration, and deployment	X	X	X
Platform monitoring	X	X	X
Platform lifecycle management	X	X	X
Platform troubleshooting	X	X	X
Platform security	X	X	X
Database installation, configuration, and deployment		X	X
Database monitoring		X	X
Database lifecycle management		X	X
Database troubleshooting		X	X
Database security		X	X
Distributed HA architecture (up to 99.999% uptime)			X
Distributed HA installation, configuration, deployment			X
Distributed HA monitoring			X
Distributed HA lifecycle management			X
Distributed HA troubleshooting			X

Key use cases

- **Hybrid DBaaS:** The automation and agility of cloud services, with the flexibility to deploy anywhere. Learn More »

- **Legacy app modernization:** Break free from legacy constraints to grow revenue and innovate faster. Learn More »

- **Oracle migrations:** Postgres migrations made easy—reduce TCO by 80% and accelerate app modernization. Learn More »

- **Geo-distributed applications:** Deploy multi-region clusters with 99.999% availability, enterprise-grade security, and compliance. Learn More »

Learn more

- EDB Postgres AI »

- Managed Platform »

- Hybrid Management »