



# **LTIMindtree DBaaS** (Database As-A-Service)

Manage multi-database environment with agility,  
automation & cost-efficiency

**"Database-as-a-Service"** (DBaaS) enables users to set up, operate, and scale databases without the need for setting up physical hardware, installing software, or configuring for performance. With LTIMindtree DBaaS, all administrative and maintenance tasks are taken care of by LTIMindtree, so customer just accesses and uses the database. It also enables organizations to ensure consolidation, standardization, and centralized management of databases. LTIMindtree DBaaS aligns with this market-driven demand. It is hosted on on-prem (Nutanix HCI) extendable on Public cloud. LTIMindtree will manage operations using converged Ops supported by database automation tools like Nutanix ERA & Mosaic Braio.

Apart from eliminating the need for managing mundane and manual tasks, this service helps reduce IT costs and boosts data security significantly. LTIMindtree DBaaS enables enterprises to manage their multi-database engine environment in a complete agile, scalable, and cost-effective manner. It allows to provide and manage databases just-in-time, without having prior knowledge of database software and associated hardware thereby speeds up application releases. LTIMindtree DBaaS not only helps management of diverse sets of databases from a single platform, but also delivers significant cost benefits by efficiently re-purposing existing servers and storage. It does this by providing an on-demand access to infrastructure in a scalable, metered, and self-service model. LTIMindtree DBaaS specializes in provisioning, lifecycle management, and operation support of database services.

## What differentiates LTIMindtree?

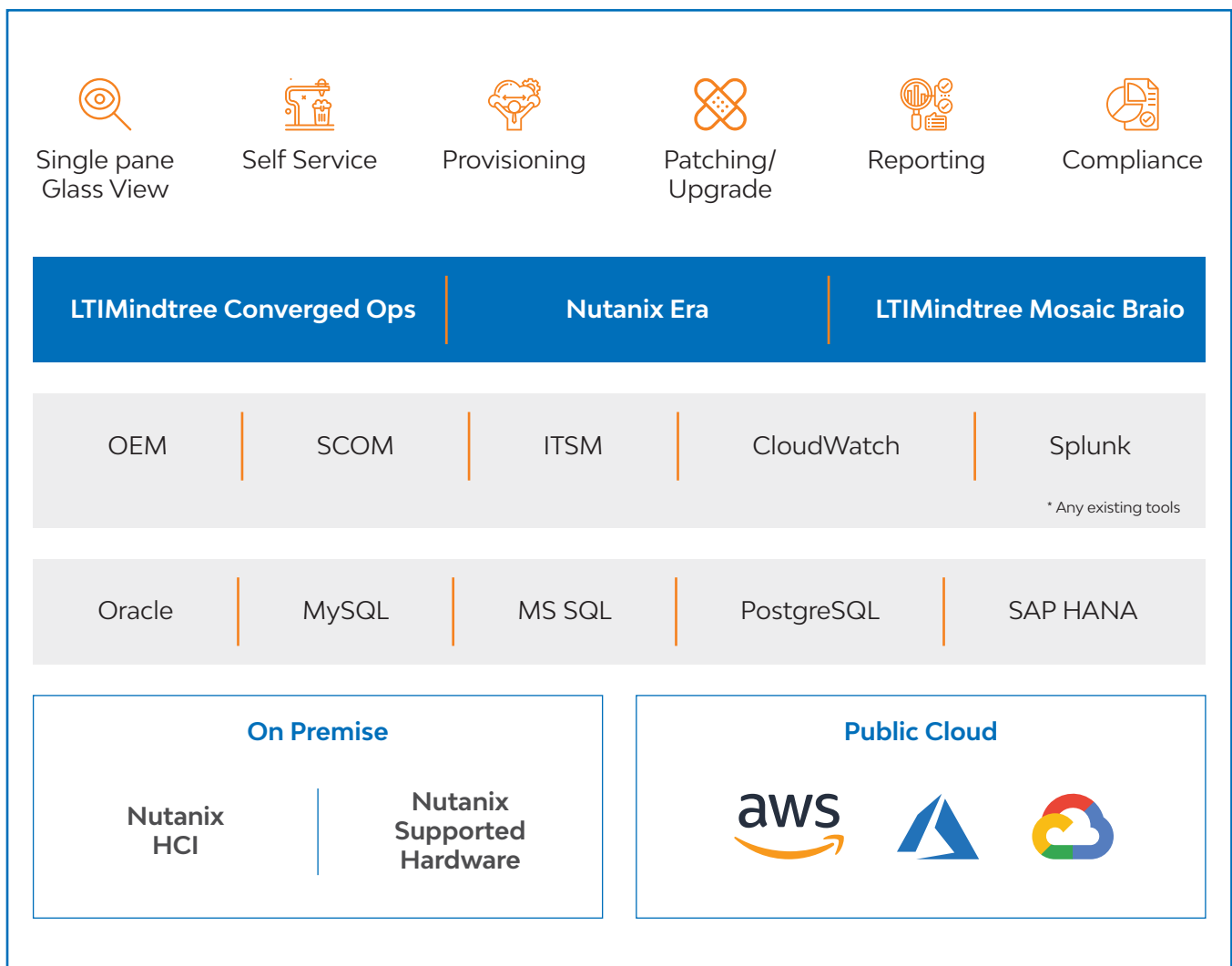
LTIMindtree DBaaS offerings cover the entire database lifecycle from design, pilot, setup, migrate to the operational stage. LTIMindtree Mosaic Braio, along with Nutanix Era automates labor-intensive tasks and enables meeting business demands quickly and efficiently. It incorporates automation, practices, and standardization to simplify database operations, including deployment, monitoring, and management. Its flexible deployment model can encompass on-premises and public cloud, deployment in data centre, public cloud, and hybrid cloud.

- **Database operation:** Facilitates automation of mundane and repetitive database administration tasks.
- **Orchestration:** Facilitates hybrid cloud orchestration and allows for "Design once run Anywhere" services.
- **Standardization:** Provide single-touch deployment based on customized templates, security, and compliance best practices.
- **Database patching:** Enables one-touch solution for database patch deployment in an efficient, automated way.
- **Optimization and show back:** Facilitates workload optimization and show back based on utilization of resources.








## Significance of Nutanix & Mosaic Braio

LTIMindtree DBaaS is built using the capabilities of Nutanix Era, LTIMindtree Mosaic Braio & Nutanix HCI. Key capabilities include hybrid cloud orchestration, enabling “run anywhere” service, which is a critical feature of this Database-as-a-Service offering.

LTIMindtree Mosaic Braio along with Nutanix Era, provides end-to-end automation and orchestration features for rapid database provisioning. Nutanix Era provides comprehensive automation for databases, including discovery, provisioning, patching, configuration, and deployment of clustered instances. It supports heterogeneous database platforms like Oracle, SQL Server, MySQL, Postgres, and many more.

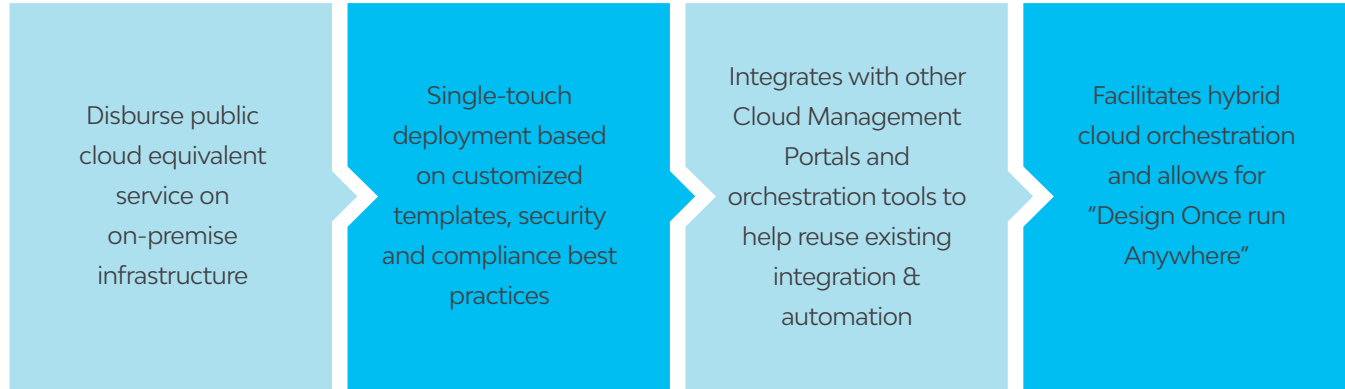


# Offerings under LTIMindtree DBaaS

	Full Stack	DB Stack	Digital Database Operations
DBaaS Operations			
Database Software			×
Hyperconverged Infrastructure		×	×
Hardware		×	×

## Key Features

With a foundation based on Nutanix Era, LTIMindtree Mosaic Braio, and Nutanix HCI, LTIMindtree DBaaS significantly reduces silos, increases utilization and enables operations to extend easily to the public cloud. It creates a DBaaS environment that enables enterprise to:



# Key Benefits

LTIMindtree DBaaS offerings cover the entire database lifecycle – from design, pilot, setup, migrate to the operational stage. With automation at the heart of our framework, LTIMindtree DBaaS helps to reduce hardware, software license, and resource utilization and enables businesses meet demands quickly and efficiently.



**Cost reduction:** Reduction operating costs of databases

- Licenses: Consolidated and effective utilization of resources (control sprawl, better lifecycle management)
- Reduce storage utilization



**Automation:** Enables greater efficiency and faster service delivery with better quality. Next-generation database-specific automation to handle routine tasks including cloning, backup & provisioning



**Single pane glass view:** Gives across hybrid Infrastructure, database engines & environment visibility.



**Rapid provisioning:** Delivers database instance in minutes as compared to days. Enable to consume services through self-service portal and reduce overall time.



**Reusability:** Integrates with other Cloud Management Portals and orchestration tools to help reuse existing integration & automation.



**Maximum Resilience:** Self-healing resilience and automatic recovery from common failures helps ensure database availability, while built-in snapshot, replication, and cloning capabilities simplify data protection, DR, and data management tasks.



**Simplified scaling:** Scaling is simple, linear, and nondisruptive, eliminating uncertainty that comes with capacity planning for traditional environments. Enterprises can start with minimum nodes and expand on need basis to address scaling requirements.

## Case Studies

**60%**

**Reduction**

in database cloning/ refresh  
time for US-based Steel  
Manufacturer

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**90%**

**Reduction**

in database provisioning time  
for UK-based Financial  
Services company

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**LTIMindtree** is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit <https://www.ltimindtree.com/>.