



Billion Dollar Company



Global Service Provider



Applications, Business Process Services and
Digital Technology Operation



Banking & Capital Markets • Insurance
Manufacturing • Media & Entertainment
Telecom • Healthcare • Life Sciences
Travel & Transportation • Hospitality
Retail & Consumer Goods
Energy & Utilities • Government

DBAAS SOLUTIONS

EMPOWERED USERS

ACCELERATED EFFICIENCY





Overview

Today, large enterprises use hundreds and thousands of databases of various versions, configurations and patch levels to support ever-growing business needs. Whether they perform critical day-to-day functions like ERP or support ad hoc projects, database management is a task that takes up a substantial amount of time and resources.

Virtulization has reduced IT infrastructure cost. However, database management costs still continue to increase. With the increasing use of big data and analytics, the ability of business to make highly data-driven decisions becomes ever so vital. Business decisions can be made easily using the same.

Another challenge faced by enterprises is around the time taken to provision a new database. When an end-user needs a database, it involves a cumbersome and time-consuming approval process that may take days, if not weeks. As application turnaround times become tighter, the need for a rapidly scalable and adaptable platform becomes all the more important.

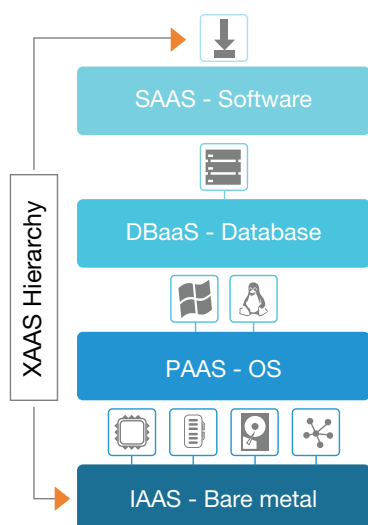
This is where DBaaS comes in.

What is DBaaS?

With infrastructure demand swiftly outpacing the capability of IT to deliver, DBaaS is the prime example of the 'as a service' model helping organizations move from a reactive to a proactive approach for data center management.

DBaaS helps address these challenges, by delivering a platform that enables users to provision databases in a faster, secure and cost-effective manner. The self-provisioning aspect also enables the platform to charge back users on the basis of individual consumption, thus lending measurability and accountability.

Besides the self-provisioning benefit, DBaaS also enables organizations to ensure consolidation, standardization and centralized management of databases. It facilitates faster application development as well as rigorous regulatory compliance through patch management.



DBaaS is a service delivery platform with shared or consolidated database infrastructure, enabling faster database provisioning (ideally, via self-service tools) and Managed Maintenance services with better scalability and following advantages:

Improved time-to-market	Reduction in license & support costs	Efficient use of hardware	Enterprise SLAs are available to all consumers	Standards are easily enforceable
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Comparison of Database deployment:

Release DB to Apps	Hardware procurement
Database build	Forecast driven capacity planning
Finalize database design	Release DB to Apps
Configure up to OS level	Automated provisioning
Hardware sizing & procurement	DB creation request
Traditional	DBaaS

Why DBaaS?

Organizations of any size can benefit from consolidation and outsourcing of their database management tasks on a standardized and optimized platform. Users can request database services from a predefined service catalog, utilize it over the necessary time period, and then have them decommissioned automatically when no longer necessary.

DBaaS not only helps management of diverse sets of database from a single platform, but also deliver significant cost benefit by efficiently re-purposing existing servers and storage. By providing an on-demand access to infrastructure in a scalable, metered and self-service model, DBaaS offers several key benefits:



Rapid and self-provisioning of databases



Reduction of database sprawl and increased standardization

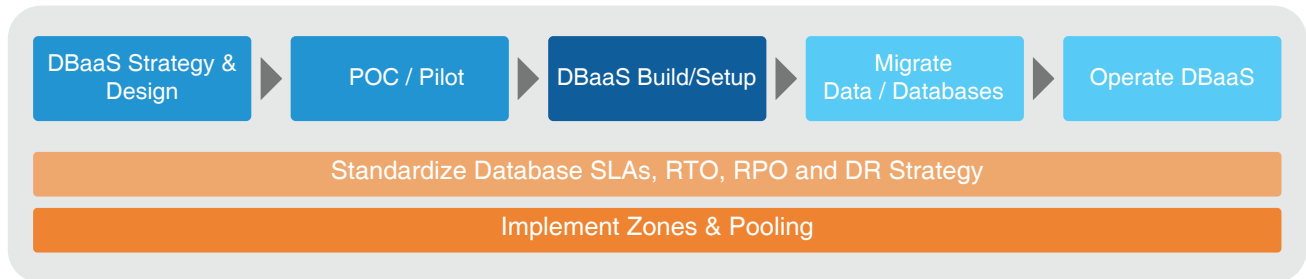


Enhanced security and regulatory compliance



Automated database administration and monitoring

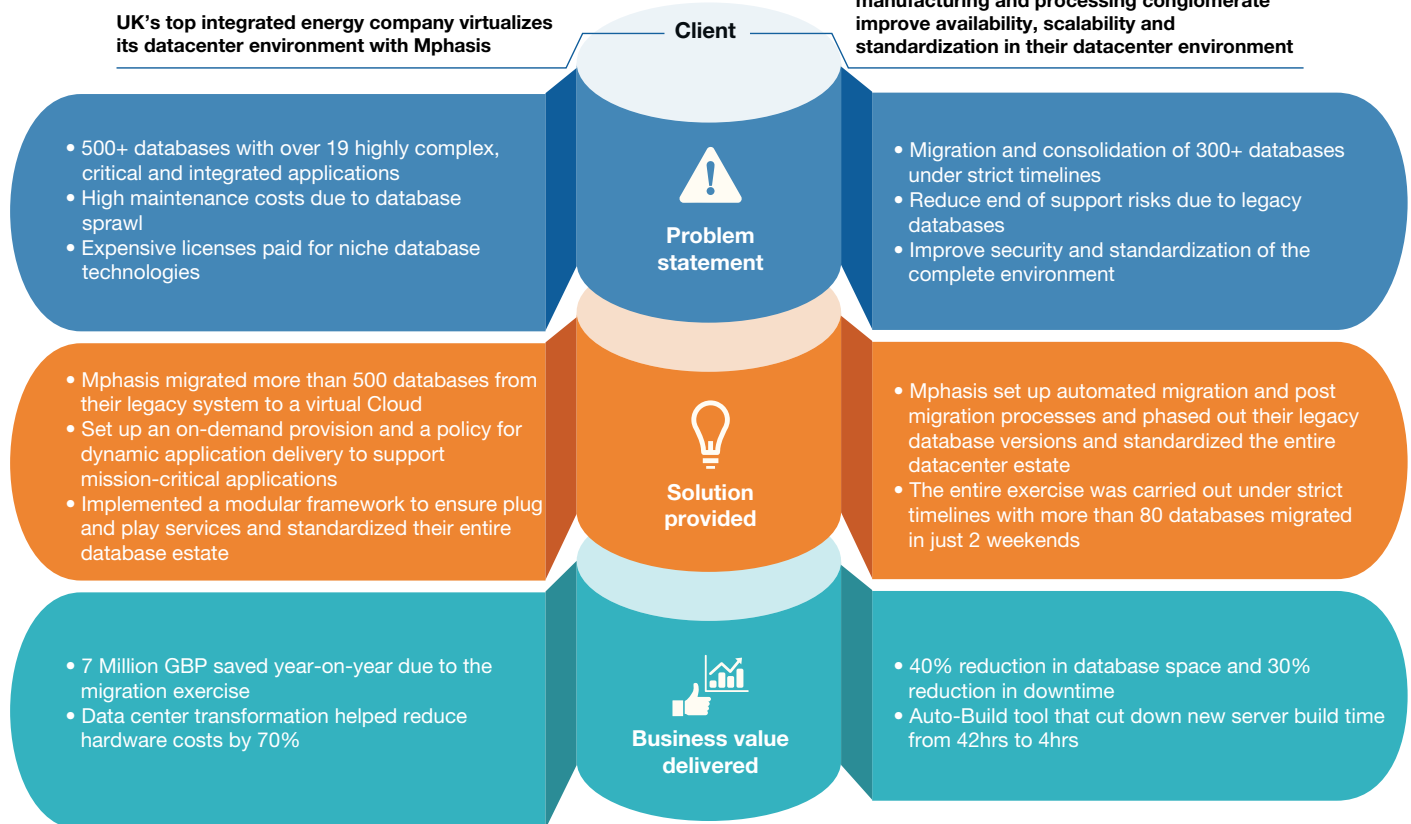
Mphasis approach to DBaaS enablement



Success stories

UK's top integrated energy company virtualizes its datacenter environment with Mphasis

Mphasis helps a US based grocery manufacturing and processing conglomerate improve availability, scalability and standardization in their datacenter environment



Why Mphasis for DBaaS?

Mphasis' DBaaS offerings covers the entire database lifecycle from design, pilot, setup, migrate to the operational stage. We enable movement to an instant, on-demand managed database model to avail the complete benefits of DBaaS, supported by our unique offering of tools and utilities.

optimize database utilization, reduce IT expenditure, and resource utilization, and enable meeting business demands quickly and efficiently.

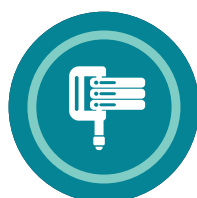
The ecosystem of tools that is built around the core framework helps regain control of database environment:

With automation at the heart of our framework, we help



DbConsole (Automated database provisioning and management console)

- Self-service provisioning, patching and decommissions
- Centralized dashboard for reporting/trend analysis



DbGauge (Granular reporting of resource usage)

- Granular metering of resource usage
- Chargeback rules to ensure business accountability

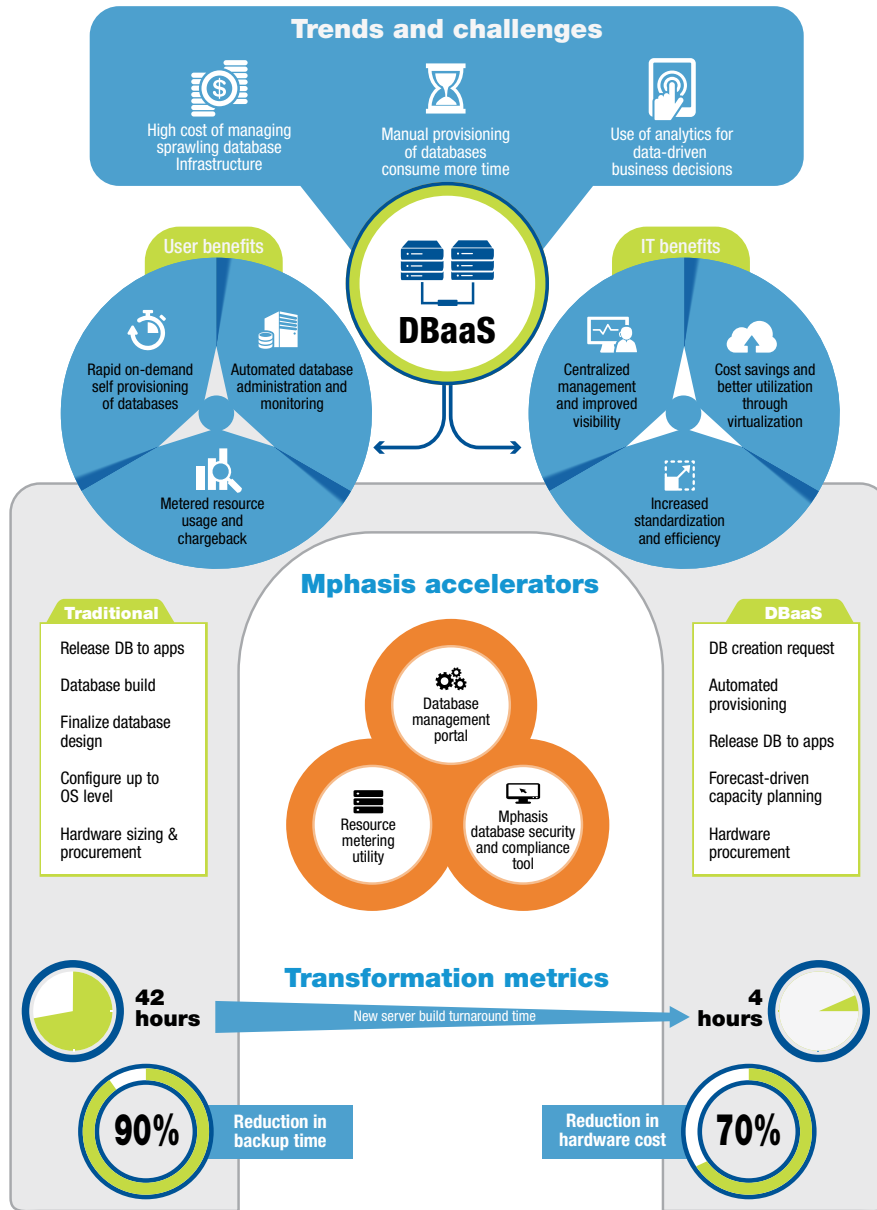


DbSecure (Database Compliance & Assessment Tool)

- Auto-Detection of security threats
- Improve adherence to standard compliances

Database as a Service

Revolutionize the way databases are managed



About Mphasis

Mphasis (BSE: 526299; NSE: MPHASIS) applies next-generation technology to help enterprises transform businesses globally. Customer centricity is foundational to Mphasis and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized ($C = X2C^2 = 1$) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization are key to building strong relationships with marquee clients. To know more, please visit www.mphasis.com

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