

TELUS Hybrid Cloud with Microsoft

An ideal solution for Database-as-a-Service (DBaaS).

Simplified and flexible database management in a scalable and secure environment.

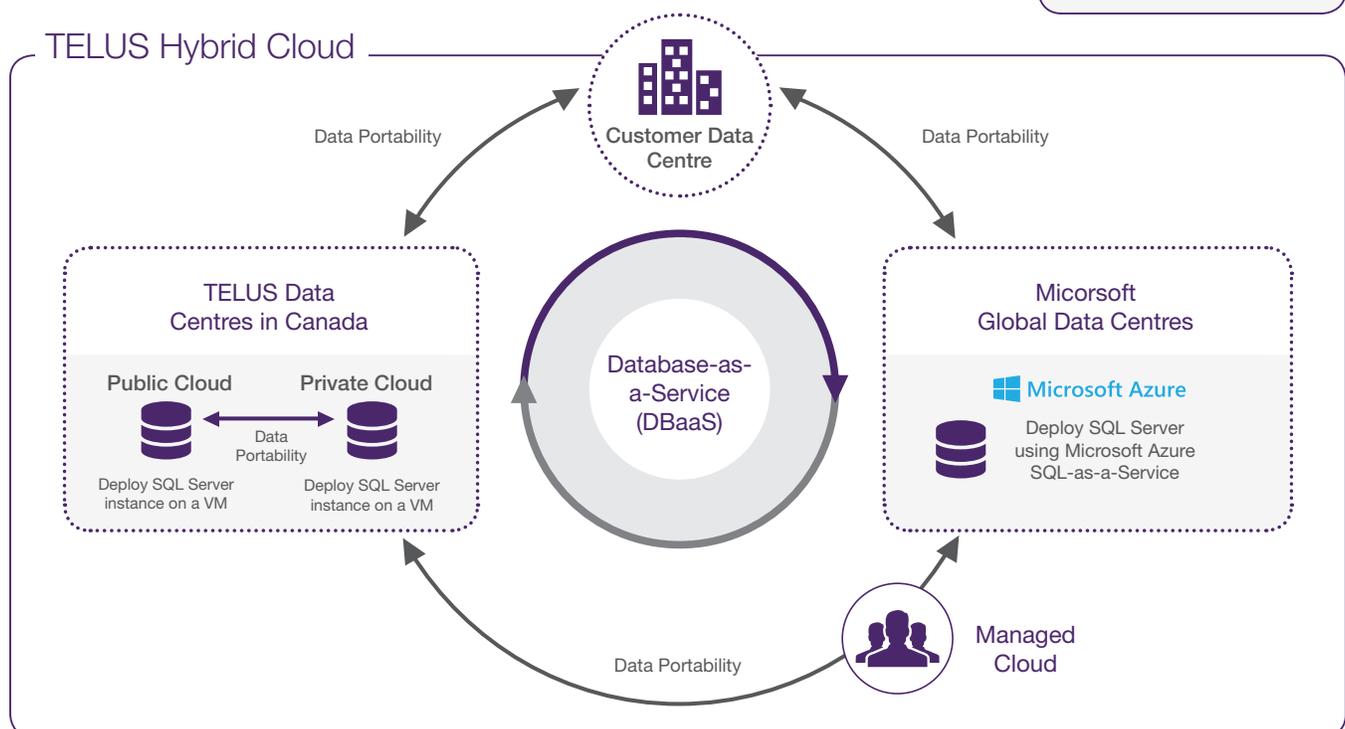
More data is captured and stored by businesses now than ever before. This data explosion is causing challenges on multiple fronts. The most obvious is data store growth and database sprawl. In addition, it is getting more difficult to dispose of data due to legal and compliance requirements. Last but not least, as businesses accumulate more data and grapple with disparate databases it is becoming more challenging to derive analytics and insights from production data.

In light of these challenges, businesses need a way to provision and manage databases in an efficient and cost-effective manner. Although traditional database technology has improved in automation over the years, provisioning and administering databases remains a bottleneck largely because of the lack of database administrators, system resources and IT budget as well as the complexity of IT infrastructure.

For organizations looking to simplify the complexity of database management, TELUS Hybrid Cloud provides a shared self-serve platform to provision database services in a faster, secure, and more cost-effective manner. It delivers a powerful on-demand database platform that can be leveraged by non-technical database professionals.

TELUS Hybrid Cloud as a DBaaS solution offers two ways to deploy a SQL database:

- Create a SQL instance on a virtual machine within TELUS Public or Private Cloud
- Deploy SQL Server(s) in Microsoft Azure using Microsoft Azure SQL-as-a-Service



TELUS Hybrid Cloud is an enterprise grade, secure and scalable service that offers:

- **Self-Serve Portal:** leverage a self-service portal with automated database administration and monitoring
- **Simplicity and ease of use:** use programmatic DBA-like functionality for efficient Development Operations
- **Improved database management:** manage and/or consolidate a large number of databases to address database sprawl
- **Flexibility:** blend performance service tiers to support databases by application design
- **Scalability and high performance:** access additional resources to accommodate new projects; predictable performance can be scaled up or down
- **Extended capabilities:** access a number of management tools (REST APIs, PowerShell, etc.) to optimize performance
- **Agility:** quickly provision all hardware and software resources for faster time to market



TELUS Hybrid Cloud, when used for DBaaS, provides the following benefits to business and IT:

Business Benefits	IT Benefits
<ul style="list-style-type: none"> ■ Save money by repurposing existing servers and storage for optimal database use and deferring new database licenses ■ Optimize database resource utilization with on-demand service ■ Rely on a secure database platform that helps meet regulatory compliance requirements ■ Improve Service Level Agreements (SLAs) for various applications ■ Meter database usage and charge costs back to various database users 	<ul style="list-style-type: none"> ■ Accelerate database provisioning and automate administration with rapid, self-serve capabilities ■ Free up IT staff to focus on the logical administration of the database and the application data ■ Outsource the administration and monitoring of databases such as backup, recovery, tuning, optimization, patching, upgrading and creation ■ Improve database administrator and developer productivity by automating various database activities for faster application development and testing ■ Provide support for both production and non-production databases

Why TELUS Hybrid Cloud for DBaaS?

TELUS Hybrid Cloud offers a simplified database management platform and flexible deployment options in either TELUS Public/Private Cloud or Microsoft Azure. Furthermore, TELUS Cloud Advisory Services can help expedite your database upgrade and migration process as well as move your workloads and applications to the cloud faster.

For more information on how you can leverage TELUS Hybrid Cloud for DBaaS please contact your TELUS Account Manager or call **1-877-710-0404**.