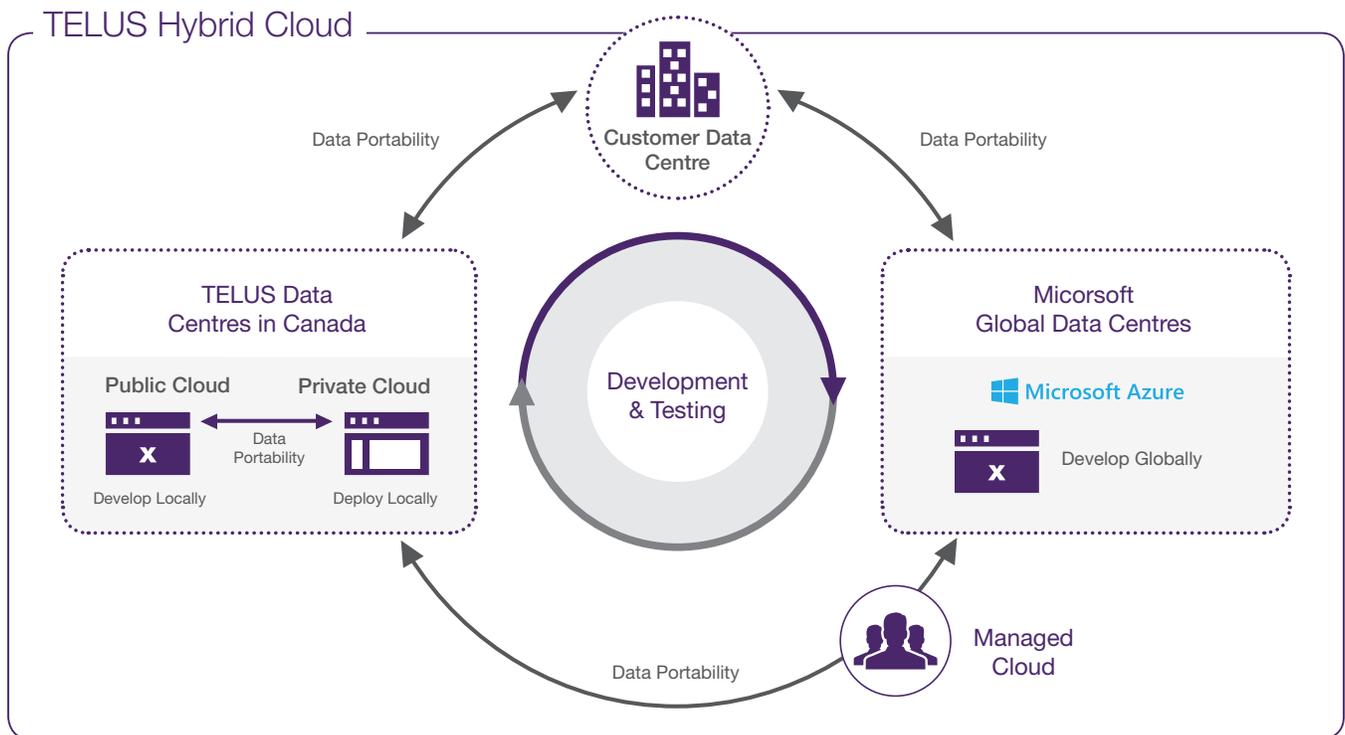# TELUS Hybrid Cloud with Microsoft

An ideal solution for Development & Testing (Dev-Test).

Accelerate your software development lifecycle with agile, flexible and dynamic cloud infrastructure.

Development and testing is an important aspect in the Software Development Lifecycle (SDLC) and typically spans across IT operations and development. Many companies are adopting agile thinking and Development Operations (DevOps) in their SDLC approach with a focus on product delivery, quality assurance, feature development, and maintenance releases. In spite of adopting DevOps, IT spending on new development projects continues to be a material portion of IT investment. Also, as this process is time and labor intensive ensuring the quality and reliability of the production deployment is more important than ever.

The costs and challenges of developing and testing software in traditional physical environments are driving organizations to explore alternative options. The pace and economic benefits of creating consistent Dev-Test environments in the cloud offer a compelling business case. With TELUS Hybrid Cloud, you can easily create multiple Dev-Test environments and run workloads in parallel. Furthermore, you get access to multiple deployment options (TELUS Private/Public Cloud within Canada and Microsoft Azure) allowing you to create Dev-Test environments globally and deploy production locally in Canada. This approach allows for more cost effective and faster development cycles.

TELUS Hybrid Cloud

Customer Data Centre

Data Portability

Data Portability

TELUS Data Centres in Canada

Public Cloud — Develop Locally

Private Cloud — Deploy Locally

Data Portability

Development & Testing

Micorsoft Global Data Centres

Microsoft Azure

Develop Globally

Managed Cloud

Data Portability

TELUS®

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

- **Self-Serve Portal:** set up virtual machines quickly and easily

- **Hybrid capabilities:** leverage private, public and hyperscale environments to design Dev-Test environments

- **Simple and easy management:** use common toolsets across private, public and hyperscale environments

- **Scalability and faster time to market:** gain instant access to compute, storage, network and database resources and quickly provision all hardware/software to support existing and new projects

- **High performance:** achieve fast input/output performance; up to 1024 input/output per second (IOPS) per GB

- **Flexibility:** blend performance service tiers to support databases by application design

- **Productivity:** maintain user productivity with familiar, consistent environments and toolsets across the entire DevOps work stream

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

Business Benefits	IT Benefits
- Reduce service launch timelines from months to weeks/days - Build a shared Dev-Test environment for global development activities - Respond to changing business needs faster and experiment without risk - Iterate and innovate faster while reducing operational overhead - Align resources for projects based on corporate priorities	- Improve business agility by streaming compute workloads to/from the cloud in minutes without migrating storage or converting images - Improve operational efficiency by seamlessly moving from Dev-Test to full production - Easily replicate production environments for testing and porting - Dynamically scale up or down, eliminating over-purchasing and underutilization - Leverage multiple cloud options (private, public, Microsoft Azure) to develop and deploy your applications

Why TELUS Hybrid Cloud for Dev-Test?

TELUS Hybrid Cloud provides a flexible, scalable and highly available platform to build and run complete Dev-Test environments. The Dev-Test platform leverages hybrid cloud capabilities to offer multiple deployment options allowing you to build and run Dev-Test environments locally or globally and deploy production locally. Furthermore, TELUS Cloud Advisory Services can help you create Dev-Test environments, expedite your migration process and move workloads/applications to the cloud faster.

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

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