

Data Protection Readiness Assessment



Data creation and consumption continues to grow exponentially, and according to IDC, the amount of data created in the form of e-mails, instant messages, documents, images, videos and social networking will exceed 35 trillion gigabytes by 2020.

As our reliance on data continues to multiply, the ability to manage and secure this overwhelming amount of information becomes increasingly difficult. To further complicate matters, corporate governance and compliance regulations have made executives liable for the security of their corporate information, forcing them to provide evidence regarding how data is stored.

At the same time, data storage is evolving, with virtualization and cloud computing reshaping the face of business. While these initiatives produce greater efficiencies and cost savings, the security and integrity of an organization's data need to be considered with respect to how it can affect the business.

Across the globe, recent data breach statistics by Gemalto report 1.4 billion data records lost or stolen in 2016, an alarming increase of 86% over numbers reported in 2015. Every minute, 3,112 records are lost or stolen.

By the same token, ransomware is becoming a serious threat to our data. The recent WannaCry attacks and Petya/GoldenEye attacks have caused major headaches for numerous companies of all sizes.

For these reasons, a robust data protection solution needs to be a critical component in any IT business strategy.

The **TELUS Data Protection Readiness Assessment** offers IT transformation services to protect your data in a cost-effective manner and meet compliance requirements. The assessment is aimed at analyzing the current state of your backup and recovery environment, assess the data infrastructure, and address the specific business and IT challenges. Once complete, a detailed summary of your current data protection posture along with short/long term recommendations will be provided that leverage the latest data protection technologies, best practices, and processes.

One of the greatest threats to any organization is data loss.

Ponemon's 2016 Cost of Data

Breach: Canada study found that data loss can be costly for Canadian business. 24 Canadian companies took part in the study, and the losses they reported were significant:

- **Average total cost of data breach:** \$6.03million
- **Increase in total cost of data breach compared to 2015:** 12.5%
- **Average cost per lost or stolen record:** \$278
- **Increase in cost per lost or stolen record compared to 2015:** 10.6%

High-level Engagement Steps

Stage 1: Business & IT Requirements

Gathering requirements for data protection is critical to ensure that important business data and assets are being protected by IT operations.

- Identify critical systems, applications, and associated data
- Identify legal or regulatory requirements for data retention
- Determine acceptable RTO / RPO

Stage 2: Current Data Protection State

Assess existing data protection environment as well as their strategy for testing backup and recovery.

- Review systems and data currently protected by a data protection policy
- Assess data protection strategy and frequency
- Assess backup retention and media
- Assess testing procedure

Stage 3: Gap Analysis

Review and analyze the findings from the first two stages to determine differences between the business requirements and the backup and recovery policies currently in place. Also, determine if testing procedures provide enough assurance that recovery objectives can be met.

- Identify gaps in data protection
- Identify gaps in testing procedure

Stage 4: Recommendations

Upon completion of the discovery and analysis, a series of recommendations will be provided to make improvements on the current data protection policies and close any gaps found during the engagement. These recommendations will be prioritized so that the critical areas can be addressed as quickly as possible.

In addition to Data Protection Readiness Assessment, we also offer the following services:

- Data Protection Design & Planning
- Data Protection Implementation

Working with the TELUS Consulting Services team can provide you the following benefits:

- Improve your ability to recover from data loss
- Propose tactical solutions to address immediate challenges and plans
- Match IT capabilities to business expectations
- Identify current operational capabilities, processes, and skills
- Recommend a data protection strategy that facilitates SLAs by defining the business case, architecture, and financial impact.

TELUS Data Protection solutions offer the simplicity, security and scalability you're looking for. We'll help reduce your risk of data and financial loss, improve compliance, increase productivity and keep you ahead of the competition.

To learn more about TELUS Data Protection Readiness Assessment, contact your TELUS Account Representative today.

