TOTAL TECHNOLOGY SOLUTIONS

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TOP 5 REASONS: WHY YOU SHOULD TRANSITION TO THE CLOUD

It's highly unlikely that you have not heard of 'cloud computing' and the benefits associated with it. See Total's Top 5 Reasons your business may benefit from upgrading your IT infrastructure to the Cloud.

1 Cloud computing offers a more secure and compliant solution.

By eliminating the need for hardware-level maintenance (firmware upgrades, etc.) the cloud offers a natively higher level of security on a day-to-day basis. Cloud providers also go through regular security audits, so that compliance with industry standards can be more easily achieved. For government-level security, there are also GovCloud options at many providers including Azure to ensure high-confidentiality data stays private.

2 Scalability is unmatched.

By allowing you to scale up or down resources in minutes, you can meet business needs without the need for purchasing, installation, downtime and more. Not only that, but in many cases, virtual machine performance can be easily boosted without compatibility restrictions.

3 Resiliency beats onsite hardware.

With enterprise-grade datacenters around the world, and available in different regions, services such as Azure and Otava offer low-latency and high-resiliency solutions to ensure minimal downtime. With secure cloud backups, redundant power, supplemental internet connections and strong physical security, the cloud offers a level of physical protection that cannot be easily matched in an on-premise environment.

4 Less capital costs.

One of cloud computing's major advantages is that it requires less startup costs that a typical in-house server deployment. You only pay for the amount of storage and computing resources you need per month. With reserved/upfront instances, you can also reduce your monthly costs by committing to the cloud for a period of time.

5 Cloud Servers allow for easier long-term upgrades.

Since cloud solutions allow servers to operate on the same virtual networking, migrating data in and out of the cloud is faster and easier than migrating data locally or between physical servers. When the time comes for your cloud-based virtual servers to be migrated or replaced, transfers and provisioning take less time and complexity than physical migrations.

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CYBERSECURITY CHECKLIST FOR DATA SECURITY AND PRIVACY

Data has become one of the world's most valuable commodities. However, rapidly increasing threats and attacks by cybercriminals and the discovery of widespread misuse of data by businesses and corporations globally has triggered a tsunami of global regulations, requiring stronger security protections to safeguard the privacy and integrity of personal data as well as defining ownership rights and accountability.

Use this checklist to ensure your business can protect the security and privacy of your data:

1. Assess Security Risks

Organizations need to have a thorough understanding of the major cyber-security risks threatening their operations to take the necessary precautions to overcome them.

2. Standard Policies/Procedures

Every organization must have a standard set of policies for employees regarding the usage of personal devices, standard security protocols and more.

3. Implement Identity & Access Management

Controlling user access to critical information within an organization is an essential part of cybersecurity and compliance.

4. Employee Training

Employee training is required to ensure adherence to policies and procedures for data handling and should also include relevant cybersecurity training as well.

5. Data Encryption

Sensitive data must be properly encrypted while in-transit and at rest. This minimizes or prevents data exposure from loss, theft or cyberattack.

6. Security Patching & Updates

Security patches and updates for all software and hardware are required under most regulations and must be actively supported by the manufacturer.

7. Track Activity History and Access Logs

You need documented reportable activity and audit logs to track and manage changes and control unauthorized access to data.

8. Back Up Everything

Most regulations require that you maintain the integrity and privacy of personal or sensitive data. Back up data with secure solutions that also adhere to compliance requirements for protection and encryption.

Protecting data needs to be your number one priority and being compliant with these regulations is a requirement, not a choice! To find out how you can incorporate these measures without a hitch, get in touch with us now.

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