



## YOUR DATA MANAGEMENT RESOURCES ARE STRETCHED

Every IT department battles with too few people and too many demands - new software applications, new infrastructure, service management, vendor management, legal and regulatory demands - all the while data grows exponentially and becomes more business critical.

IT departments have to prioritize between day-to-day operations and Data Management projects that drive the organization forward and increase its value.

## YOU ARE RESPONSIBLE FOR THE BACKUP AND RECOVERY OF CORPORATE DATA

No one wants to be the person that has to explain to the board why data was not backed up, why data went missing or why corruption in data recovery processes triggered a loss in customer confidence. It's your job to ensure corporate data is managed, protected and accessible.

IT staff spend a great deal of time and resources on Backup & Recovery. Unfortunately, every minute spent on Backup & Recovery is time spent away from projects that directly add value to an organization's bottom line. Backup & Recovery falls to the bottom of the priority list until the data is not available.

YOU ARE  
CONCERNED ABOUT  
RETAINING AND  
RECRUITING IT  
STAFF

It's time-consuming to keep good Data Management staff, let alone trying to recruit new personnel. Asking them to focus on Backup and Recovery is like asking software developers to work on retired legacy products. They will do it to help the organization but they will get distracted. You want your IT staff to be energized by projects that deliver a return on investment to the enterprise and this is why you should consider outsourcing your Backup & Recovery.

YOU WANT TO  
WORK WITH  
EXPERIENCED  
IT PROVIDERS  
YOU CAN TRUST

Your data is a vital organizational asset. You would not sign an insurance policy with a company that has no pedigree in insurance so why trust your data with an inexperienced IT provider? Large and medium-sized Canadian and international enterprises trust Kanatek to manage their Backup & Recovery environments.

Kanatek is the expert in enterprise-wide Backup & Recovery. Our staff provides support in Backup & Recovery for Gartner-leading software manufacturers and has deep technical knowledge and expertise. It's what we do.

YOU WANT A  
MANAGED BACKUP  
AND RECOVERY  
SOLUTION THAT  
FITS YOUR  
ORGANIZATION

Kanatek works with each client to design a Managed Services solution that fits their needs.

Kanatek Managed Services works with your existing infrastructure and provides multi-vendor support. Kanatek Managed Services does not require your data to leave your data centres and existing backup facilities. We provide the remote or on-site capability to manage it for you.

## BACKUP AND RECOVERY WITH KANATEK MANAGED SERVICES

Full operation of an organization's global Backup & Recovery environment including:

- Monitoring and remediating backup integrity for servers and storage, globally, 24 x 7
- Providing data recovery services in the event of data loss
- Performing monthly restore audits and retention tests
- Participating in disaster recovery testing
- Managing Service Level Agreements (SLAs) and report on performance
- Identifying and implementing efficiencies and cost-saving processes
- Identifying opportunities to deploy new technology to further reduce costs
- Customizing reporting to each client's needs

Backup & Recovery is like an insurance policy. Most times you never need it. But when you do, it's critical that you have fast access to data so the business doesn't miss a beat.

Kanatek Managed Services gives you the assurance that your data is protected and accessible and allows your critical IT resources to focus on what makes your business unique.

*"Through its Managed Service offerings, we have reduced the complexity of our backup/restore processes while increasing reliability. Kanatek's approach has provided solutions that are sensitive to our unique requirements, allowing us to focus our IT resources on more strategic initiatives."*

- Roy French, CIO Saint Elizabeth Health Care.

# THE DICTIONARY OF DATA INFLATION

**Source:** The Economist. The prefixes are set by an intergovernmental group, the International Bureau of Weights and Measures, Yotta and Zetta were added in 1991: terms for larger amounts have yet to be established.

<b>Bit (b)</b>	1 or 0	Short for “binary digit”, after the binary code (1 or 0) computers use to store and process data.
<b>Byte (B)</b>	8 bits	Enough information to create an English letter or number in computer code. It is the basic unit of computing.
<b>Kilobyte (KB)</b>	1,000, or $2^{10}$ bytes	From “thousand” in Greek. One page of typed text is 2KB.
<b>Megabyte (MB)</b>	1,000KB; $2^{20}$ bytes	From “large” in Greek. The complete works of Shakespeare total 5MB. A typical pop song is about 4MB.
<b>Gigabyte (GB)</b>	1,000MB; $2^{30}$ bytes	From “giant” in Greek. A two-hour film can be compressed into 1-2GB.
<b>Terabyte (TB)</b>	1,000GB; $2^{40}$ bytes	From “monster” in Greek. All the catalogued books in America’s Library of Congress total 15TB.
<b>Petabyte (PB)</b>	1,000TB; $2^{50}$ bytes	All letters delivered by America’s postal service this year will amount to around 5PB. Google processes around 1PB every hour.
<b>Exabyte (EB)</b>	1,000PB; $2^{60}$ bytes	Equivalent to 10 billion copies of The Economist.
<b>Zettabyte (ZB)</b>	1,000EB; $2^{70}$ bytes	The total amount of information in existence this year is forecast to be around 1.2ZB.
<b>Yottabyte (YB)</b>	1,000ZB; $2^{80}$ bytes	Currently too big to imagine.



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