**Problem:**
Business data isn’t just growing in volume—it’s growing in importance, too.
More and more, companies are being called upon to produce “old” information to substantiate practices and procedures, answer legal challenges, and meet the regulatory requirements of industry and government bodies. From email to financial data to medical records, information must be saved to keep businesses safe.

**Solution:**
Preparing your organization to respond and produce important records within required timeframes necessitates a systematic archiving policy.
Long-term data archiving is, in fact, a matter of long-term business strategy; but with the vast and ever-growing amount of data that must be kept, designing and implementing the right archiving strategy is vital. The right technology can help you meet your business’s data-archiving requirements cost effectively.

**Things to Consider:**
By definition, archived data need not be available for instantaneous access. Where storage capacity is more important than fast access, you may develop a plan to migrate archived data to less-expensive storage systems and media.

- Classify the data in your storage environment and understand if the data is active or static.
- Understand how much data must be kept, and for how long to comply with various regulations and industry practices.
- Calculate the anticipated volume of data growth.
- Plan where the data should reside based on its classification and intrinsic value to your organization.

At a time when companies are being asked to do more with fewer staff members and tighter budgets, the increased productivity, improved utilization and scalability of consolidated storage makes these solutions very appealing.

**Why Dell:**
Dell’s approach to data archiving can save you time and money.
We have modular, flexible storage solutions that permit you to start with the right size archive for your needs and grow as your needs change. An important part of your archiving solution may be consolidating your storage to make the data easier to manage, increase staff productivity, and get the most out of your storage systems. Through a combination of Dell and EMC standard and compliance-specific product offerings, we design an archiving solution that can store your data efficiently and safely, while fitting your budget and operations. Dell can help you improve efficiencies by offloading data that is seldom accessed, move infrequently used data to less expensive media, and archive vital data for easy retrieval. Because Dell understands that different organizations have different archiving needs, we offer multiple archiving architecture options, so you can stay in compliance with the regulations that affect you. We maintain relationships with top providers of data archiving hardware and software solutions in the industry. As a result, you receive the best solution for your needs conveniently—from one, trusted source. Dell’s Professional Services can help you optimize ROI by designing, developing and deploying an innovative, robust and scalable data archiving solution that fits your business objectives and environment. Our professional services team can help you implement data archiving, and, by combining our expertise with our partners’ capabilities, we help ensure that you receive the support you need to keep your data archiving solution working smoothly.

**Customer Testimonial:**
“Our data is critical to us. Having it become lost or unavailable would be painful for us and completely unacceptable—both to the companies we represent and from a regulatory standpoint. The Dell/EMC SAN gives us the security of knowing we could recover fully…”
Jeff Auld
President of NEXT Financial Group, Inc.
May 2005

**Optimal Approach to Archiving**
1. Extract valuable information to archive
2. Point in Time Copy or Backup to Disk active production information
3. Retrieve from Archive or Recover from Backup

**Classify the data in your storage environment and understand if the data is active or static.**

**Understand how much data must be kept, and for how long to comply with various regulations and industry practices.**

**Calculate the anticipated volume of data growth.**

**Plan where the data should reside based on its classification and intrinsic value to your organization.**

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## Components

**INFRATRUCTURE**
- Dell/EMC Fibre Switches
- Fibre Channel Switches

**DISK**
- CX Array with FC & ATA Drives & EMC Centera Storage systems

**TAPE**
- Dell PowerVault ML6000 Tape Backup
  - Fully automated, intelligent, modular library that supports SAN backup and archiving

**RESOURCE MGMT SOFTWARE**
- EMC VisualSRM™
  - Discover and classify data across the enterprise

**ARCHIVE SOFTWARE**
- EMC DiskXtender®
  - Enables policy-based file movement from primary to secondary storage devices
- EMC EmailXtender®
  - Provides archival, retention management and advance search of email

**BACKUP SOFTWARE**
- EMC Networker™
  - Tape Backup Software

**SERVICES**
- Dell Infrastructure Consolidation Readiness Assessment with Complex Storage Integration services

**SUPPORT**
- Gold Enterprise Support

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