

storfirstALTUS¹

DISASTER RECOVERY BUILT FOR CENTERA CONTENT ADDRESSED STORAGE

StorFirst Altus is the first and only software product to provide Centera solutions with a second layer of support for your company's most critical assets — its data. With a StorFirst "DR for archive" implementation corporation's IT staffs can rest easy knowing that data stored on fast and reliable Centera is also being sent to a fully auditable and removable storage medium.

Companies are faced with a growing demand for management of their static or archive data. Along with the rapid growth of fixed content comes the daunting task of ensuring that this data is readily available anytime and anywhere for users in mission critical environments. Altus is designed and customized to tie directly into Centera API's to ensure secure, reliable and compliant DR from any kind of application including; Medical Imaging, Financial Services, Email Archiving and Document Management Systems.

Increasingly unmanageable backups? Compliance? Restricted budgets? Or simply peace of mind — StorFirst Altus allows IT managers an easy and inexpensive way to secure data being sent to Centera.

StorFirst Altus is a disaster recovery solution designed specifically for Centera. StorFirst provides Centera replication to secondary storage subsystems as the final layer of disaster recovery while supporting a wide range of storage vendors. Altus provides mirrored Centera functionality on secondary to ensure lasting data authenticity. Altus also provides EMC customers a low cost alternative to more expensive Centera-to-Centera replication environments, producing immediate ROI results. With StorFirst Altus customers realize a lower total cost of ownership as well as the following benefits:

- Significant reduction in backups — StorFirst provides automated "single copy archives" and restore operations on demand. This approach ends the IT nightmare of managing inflated backups caused by multiple copies of unchanging data.
- Easy to use and install — Software that allows for centralized administration for auto-configuration of hardware and maintenance of various archiving tasks.
- Wide ranging device support — StorFirst Altus supports most major storage devices and platforms from leading manufacturers such as EMC SunDMG (including CSLS support), HP, ADIC, Qualstar, SpectraLogic and Quantum.

CRITICAL CONTENT... SAFE ARCHIVES

StorFirst Altus reinforces the security measures that Centera uses to ensure data protection. With StorFirst Altus in place customers using high performance Centera no longer need to try and tie-in existing backup to include a Centera archive. Automated and completely auditable, StorFirst "DR for archive" keeps your backups on the shelf.

FLEXIBLE AND COMPLIANT OPTIONS

Not convinced that CAS technology will pass the litmus test of strict federal and state regulations regarding data storage? Worried about budget limitations that come with the addition of a second Centera? StorFirst Altus is designed to let the user decide what secondary technology fits their application needs best. Altus has unmatched support of archive storage systems ranging from shared tape libraries to less expensive disk — you pick the storage and Altus will support it.

KEEPING IT SIMPLE

Advances in technology shouldn't make IT departments cringe, but instead it should serve as a facilitator to make their various tasks easier. StorFirst Altus allows IT staffs to literally set-it-and-forget-it upon installation. Unlike most technologies that try and support as many different solutions as possible, all the while spreading their technology too thin, Altus is designed specifically and exclusively for EMC's Centera Content Addressed storage solution. This means that StorFirst Altus is optimized to support the revolutionary features and functionality that Centera offers. It also means that the StorFirst product is created with one sole purpose in mind — keeping your environment up and running 24x7xforever. With a StorFirst "DR for archive" solution, customers address all of the core issues of data management in a single offering:

- Fast access to data — Centera enables shared, networked, access to a single copy of fixed content at sub-second speeds. StorFirst will make sure that all of your data is accessed from the more proficient Centera technology by restoring missing data before users even request it.
- Reliability — By combining Centera's state-of-the-art C-Clip™ technology with the portable and encrypted capabilities of StorFirst Altus, corporations will be protected in the event of data loss.

(continued on other side)

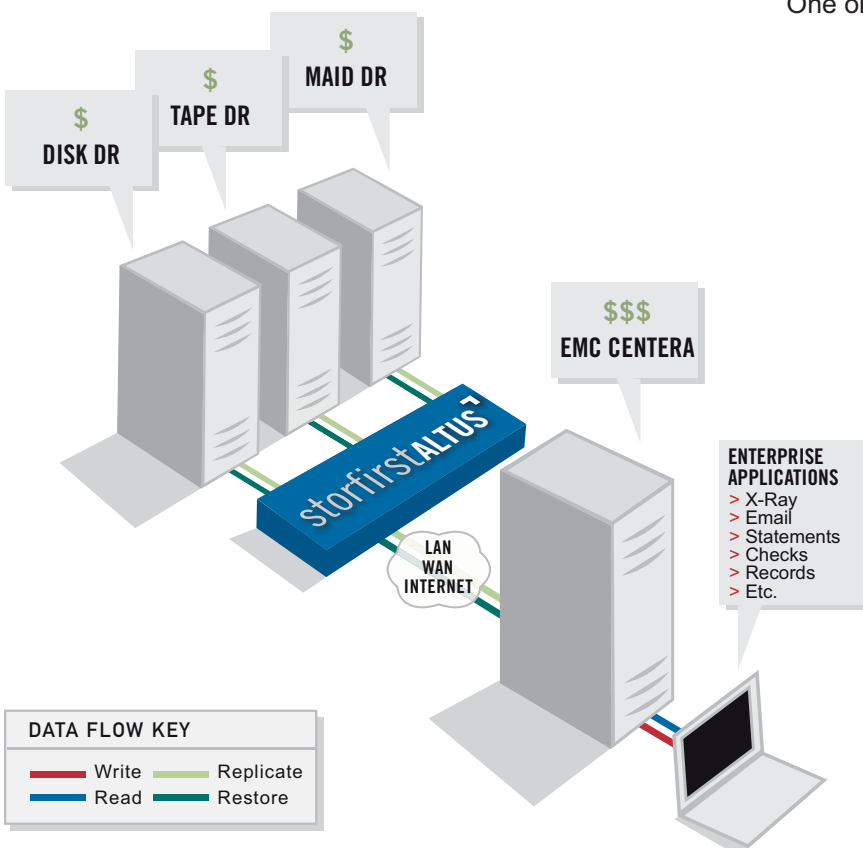
FIRST IN CENTERA-BASED STORAGE MANAGEMENT SOLUTIONS

- Long-term retention — With Centera continuously monitoring the integrity of stored objects to detect and repair errors, Altus creates a permanent copy of the repaired files and stores them for safekeeping on removable media such as tape or removable disk.
- Scalable — As your static data needs grow and more Centera is added to your archive, StorFirst allows your DR archive to grow seamlessly as Centera capacity grows. There is no requirement to reconfigure your existing implementation — simply add more storage devices through the advanced and easy-to-navigate StorFirst GUI. StorFirst will automatically configure your new deep archive within minutes.

SAVE MONEY. SAVE TIME. SAVE RESOURCES

StorFirst Altus is the customer's first choice for disaster recovery of data residing on Centera Content Addressed Storage. It is the choice of IT managers everywhere because it provides corporations with a simple, safe, and cost effective deep archive of their data. Critical content storage requires a mission critical solution. StorFirst Altus will help organizations eliminate data preservation concerns, eliminate complex backup algorithms, and eliminate cost overruns. StorFirst Altus "DR for archive" ...the only solution for your piece of mind.

storfirstALTUS[™]



MANAGE DATA SMARTER

Seven Ten Storage has spent decades developing software solutions to help corporations, large and small, manage their data assets more intelligently. Our products deliver complete and dependable solutions for the ever evolving enterprise storage management marketplace. StorFirst software products are the only solutions that enable customers to realize their past, present, and future storage initiatives within a centralized managed environment.

Our strong partnerships with industry leading hardware and software vendors provide an added technical resource for product enhancement that is unmatched. Simply put, our alliances create better products.

Enterprise storage management may have many different definitions for many different organizations, but the goal is a unified one — allow storage to expand using inexpensive disk and secondary storage while at the same time dynamically managing those resources to optimize your storage investments. With the StorFirst product family, intelligent data management has finally found a home.

STORFIRST ALTUS SPECIFICATIONS

- Windows2000 (SP 4 or higher) or 2003
- 2 GHz Intel-Pentium (or equivalent) or higher
- Minimum 1 GB RAM
- 2 GB of free disk space (mirrored) for installation
- Poper HBA's recommended by h / w provider
- One or more secondary storage peripherals



MANAGE DATA SMARTER[™]

Seven Ten's StorFirst products deliver intelligent data management solutions for fixed content environments. Our software is engineered to enable organizations of all sizes to more cost-effectively improve data availability, security, and reliability. Break Free from storage confinement with Seven Ten.

For more information please contact your Seven Ten sales representative at **978.725.8946**.

www.seventenstorage.com