

EMC—NTP SOFTWARE

An EMC Select Partner Overview

ESSENTIALS

Partner products

- NTP Software QFS for controlling the file storage environment
- NTP Software File Reporter™ for understanding file data composition
- NTP Software Precision Tiering™ for moving data to the most cost-appropriate storage tier, such as EMC Cloud Tiering Appliance
- NTP Software File Auditor™ for producing real-time audit reports and highlighting potential risks

EMC products

- EMC VNX
- EMC Cloud Tiering Appliance

Solution highlights

- Manage some or all of your users, on one or one thousand storage hosts, with a few simple policies
- View file data composition and usage for a single user or system to multiple sites and thousands of heterogeneous systems
- Place hard or soft limits (quotas) on the size of user home directories, business shares, or other objects
- Prevent unwanted content—music downloads, family photos, rogue executables, etc.—from being stored on the network

TAKE CONTROL OF YOUR UNSTRUCTURED DATA WITH EMC VNX, CELERRA, CLOUD TIERING APPLIANCE, AND MORE WITH NTP SOFTWARE

While most of today's corporate networks contain vast amounts of storage, this valuable business asset is neither infinite nor free. Online storage is a mission-critical business resource that needs to be allocated appropriately and managed with care. IT must proactively protect its storage resources to ensure that they are always available, efficiently utilized, and secure.

EMC CELERRA, VNX, AND CLOUD TIERING APPLIANCE WITH NTP SOFTWARE

NTP Software®, when used with EMC® VNX®, existing EMC Celerra®, or EMC Cloud Tiering Appliance, provides high-quality, cost-effective storage performance with the control needed to ensure adherence to corporate policies, improve storage efficiency, and reduce costs.

As an example, the VNX or Celerra products are optimized for file access and deliver enterprise features in a cost-effective package. User data can be hosted on the system itself (an integrated system), or the system can be used as a gateway into data hosted on a SAN. In either case, the connection between the EMC VNX or Celerra and NTP Software and the performance and benefits of the solution remain consistent.

With NTP Software and VNX or Celerra, you can dynamically grow, share, and cost-effectively manage file systems with multi-protocol (both CIFS and NFS) file access. Using VNX or Celerra technology with Event and Publishing Agent (CEPA), NTP Software QFS® has the flexibility to set policies by share, directory, user, or group, individually or in any combination of X-Blades. With NTP Software QFS, you can create quotas, block unwanted files, and make users more responsible for managing their own data.

When the EMC Cloud Tiering Appliance is used, NTP Software QFS helps to ensure that the data being stored or moved by the Cloud Tiering Appliance to other storage tiers, an archive, or the cloud is business-related and has business value.

NTP Software QFS policies can communicate with users via email and online pop-ups. Each message contains links to an online help site that fully explains the conditions that caused the message to be sent and provides the user with guidance, advice, and an explanation of the policy that triggered the message.

The online help site also provides web-based storage management tools designed to empower users to manage their own needs and reduce the user community's dependence on others.



- Ensure that each business unit accesses only the resources agreed upon
- Set policies and control use by system, share, directory, user, and group, individually or in any combination
- Use NTP Software Smart Policy Manager to ensure that corporate policies are replicated to and enforced on, all storage systems
- Give users the necessary guidance, advice, and storage management tools needed to manage themselves
- Move data to the most cost-appropriate storage tier
- Increase data and access security and create a chain of changes and custody per file or user

NTP Software QFS can also be used in conjunction with NTP Software File Reporter™. NTP Software File Reporter helps administrators to understand the use of storage resources, including storage trends, file composition, and usage data across the entire organization, even across multiple diverse storage systems and sites. With a better understanding of how storage is being used through granular reports on file type, size, ownership, age, and other information, administrators can use NTP Software QFS more effectively to improve the efficiency of primary storage use by filtering what data enters the environment and blocking illegal, non-business-related, personal, or potentially hazardous files from being stored.

NTP Software Precision Tiering works independently or in conjunction with NTP Software QFS and File Reporter. Precision Tiering helps the EMC Cloud Tiering Appliance to identify data on all popular file storage systems (NAS) that should be migrated to the EMC Cloud Tiering Appliance. Precision Tiering allows you to move entire directories or folders in a single step, integrates with Active Directory, and provides users with the insight and tools needed to move their own data to the EMC Cloud Tiering Appliance.

NTP Software also offers NTP Software File Auditor. NTP Software File Auditor gives storage professionals real-time, automated, policy-based, scalable file auditing and control across multiple sites, showing granular file use across different storage brands and tiers. NTP Software File Auditor can produce user & directory audit reports for every create, open, save, delete, move, and rename operation so organizations can document exactly who has done what to which files and when. NTP Software File Auditor can also produce reports highlighting potential risks in the file data environment, including unintended entitlements, so that only those with a legitimate need have access to valuable data. NTP Software File Auditor helps gain control over the use of sensitive data, helps to prohibit dangerous actions, and discovers and restricts risky end users.

ABOUT NTP SOFTWARE

NTP Software puts users in charge of their file data and uniquely provides file data management solutions that deliver all of the enterprise-class features needed to understand, manage, monitor, and secure file data completely. NTP Software is a global leader and has been chosen by the majority of Fortune 1000 companies and thousands of customers in private and public sectors for providing leadership through superior solutions, professional services, experience, and trusted advice. NTP Software delivers a single solution across the entire data storage environment, from individual files and users to an entire global enterprise across thousands of systems and sites. NTP Software reduces the cost and complexity associated with the exponential growth of file data and is located on the web at www.ntpsoftware.com.

ABOUT EMC

EMC Corporation is the world's leading developer and provider of information infrastructure technology and solutions. Information must be intelligently and efficiently stored, protected, and managed—so that it can be made accessible, searchable, shareable, and ultimately actionable. EMC creates complete information environments that are reliable, efficient, and secure. The result is information that reveals its hidden potential, that's fit and ready to use. Learn more at www.EMC.com.

CONTACT US

This seamless integration of NTP Software QFS with EMC VNX or EMC Celerra are available now. To learn more about this EMC–NTP Software solution, call your EMC or NTP software sales representative or visit the websites at www.EMC.com or www.ntpsoftware.com.

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