

# [STORMATRIX]

## Enhanced Cloning Module for Legato NetWorker®

The STORMATRIX Enhanced Cloning Module for Legato NetWorker® extends the functionality of the NetWorker Network Edition and NetWorker Power Edition backup solutions to provide:

- Dramatically accelerated cloning performance through managed parallel threading of copy operations over multiple device pairs
- Local- and network-based batch processing of clone streams
- Targeted saveset-level duplication with user-specified selection criteria
- Intelligent duplication sequencing based on the physical location of selected savesets on the original media
- Saveset-level reporting and volume-level pick list generation for tracking of offsite data
- Managed library operations, including automated slot-to-pool mapping during volume labeling/recycling upon media import

The Enhanced Cloning Module accelerates the creation of, and facilitates the management of, duplicate backup volumes (clones) for offsite storage – a critical component in a comprehensive disaster recovery strategy. Should original backup tapes be damaged, the cloned volumes can be easily used to restore lost

client data. The Enhanced Cloning Module also ensures that up-to-date archives of the NetWorker server's critical indexes and configuration files are maintained and stored offsite with the clone volumes, allowing for rapid recovery of the backup server itself.

The STORMATRIX Enhanced Cloning Module interfaces directly with NetWorker backup services through Legato supported APIs and leverages features native to the NetWorker framework for seamless integration into the existing backup environment. Key NetWorker features preserved in the accelerated cloning process include:

- ❖ Intra-device stream multiplexing to saturate available tape bandwidth
- ❖ Tracking of both original and cloned volumes in the NetWorker server's file and media indexes
- ❖ Preservation of all user- and OS-level ownership, timestamp, and security information
- ❖ Ability to rescan all, or portions of, cloned volumes to selectively repopulate server indexes or restore cloned data directly from tape

For further information, please contact your local STORMATRIX sales representative.

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STORMATRIX Inc., a New York City-based technology firm, specializes in the design, implementation, customization, and performance tuning of backup systems and general disaster recovery infrastructures. At STORMATRIX we strive to create the optimal blend of existing infrastructure and new technology, taking into account our customers' business goals, technology needs, and economic requirements to recommend only those components most appropriate to their unique environments. Each of our engineers has over a decade of experience in the backup/disaster recovery arena, and has designed and implemented hundreds of such solutions at both the workgroup and enterprise levels. Our hardware and software offerings are further enhanced with STORMATRIX installation and educational services – providing a complete solution from a single-source vendor.

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