

# M-series

## Software Overview

Empowered by Innovation



### M-series Standard Software Overview

Solution Pack	Contents	Function
Base Software	Storage Manager Express	Manage flexible and powerful functions on single array through embedded intuitive GUI
	Storage Manager	Extend storage management capability across multiple arrays using single pane of glass GUI
	Storage Manager Command	Control the M-series with CLI commands
	ThinProvisioning	Minimize cost and utilize storage efficiently with virtualized capacity
	StoragePowerConserver	Spin down the inactive disk drives for energy efficiency
	AccessControl	Define volume access rights for secure shared storage
	VMware Cooperation	Collaborate with VMware through vSphere Web Client Plug-in, vCenter Plug-in, VASA Provider, VAAI and Storage Replication Adapter
	PathManager	Manage multi path connection for high availability
	PerformanceMonitor	Monitor real time performance and load on storage through Storage Manager GUI
	PerformanceNavigator	Analyze monitored log data graphically for insightful diagnostics
	DynamicDataReplication Express (M100 only)	Replicate / Snapshot volumes within same system using GUI / CLI (Non-disruptive copy is available with Local Replication Pack)

### M-series Optional Software Overview

Solution Pack	Contents	Function
Advanced Performance Pack (also offered individually)	PerforOptimizer (Auto Data Tiering)	Move data to the most effective storage automatically based on access characteristics
	PerforCache (Write/Read SSD Cache)	Use SSD as secondary cache for performance improvement
	VirtualCachePartitioning (M300/M500/M700 only)	Allocate cache memory to applications to ensure maximum application performance with guaranteed cache availability
Local Replication Pack	DynamicDataReplication	Replicate / Snapshot volumes within same system using non-disruptive command for host or storage manager GUI / CLI
	ReplicationControl SQL	Non-disruptive back up of Microsoft SQL server
	ReplicationControl File System	Non-disruptive back up of file system
Remote Replication Pack	RemoteDataReplication	Replicate volumes between systems
	DisasterRecovery (M500/M700 only)	Replicate atomic groups (application level) for application level recovery
Data Security Pack	SecureErasure	Delete data using DoD5220.22-M method to prevent unwanted recovery of classified data
	VolumeProtect	Prevent data modification by setting access rights and data retention period to satisfy compliance requirements (WORM)
Data Migration	DataMigration	Migrate data directly between NEC disk systems without affecting network