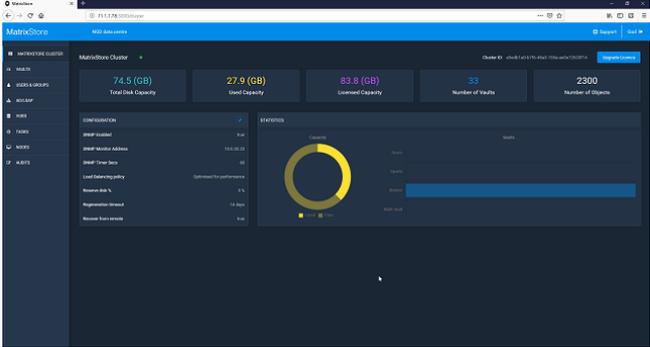


Release Notes 2018.R2

This version is based on MatrixStore v4.0 and includes new features and bug fixes across Object Matrix products.

New Features

MatrixStore Features

Summary	Release notes
Allow permanent deletion via DropSpot	Option added to allow permanent deletion of an object in DropSpot, bypassing the trashcan if enabled
Improved search on metadata extracted by PiP	Adds the ability to search all metadata extracted by Process in Place without needing to specify a key
Hub failover	Automated failover to a second hub if the first hub goes offline for some reason
Replication status	Adds the ability to retrieve a list of objects that are pending for replication
Web Admin	Completely redefined management experience for MatrixStore 
New user model	New user model for improved security and access control, including integration into DropSpot and MXFS
REST management API	REST management API that can be used to manage the MatrixStore including users and vaults (Note: this replaces mxs-cli if used)

MatrixStore Important Bug Fixes and Improvements

Release notes
Improve performance of listing a directory in MXFS that contains many sub-directories on macOS High Sierra ("Disable Mac OS X Localization" in MXFS volume settings)
Prevent hub vault connections from breaking down when another vault was added or removed
Prevent vaults mounted via the hub from becoming unresponsive due to over aggressive cache cleanup

Prevent 0 byte files being left behind after a failed copy to MXFS on macOS
Further improvements to prevent AMA sample mapper error occurring when loading large sequences in Avid Media Composer via an MXFS mount
Improvements when writing during rebalancing of nodes
Fix to ensure mounting a volume does not fail after MXFS has been open for several days on macOS

Vision Features

Summary	Release notes
Improved search on metadata extracted by PiP	Search all metadata extracted by Process in Place without needing to specify a key
Replication status	Display a list of objects that are pending replication
New user model integration	Integration with new user model
Search improvements	<p>General improvements in R1, including ability to search for:</p> <ul style="list-style-type: none"> • attributes in PiP using "key:value" search • just the values on the metadata forms <p>In both cases the value can contain a regular expression. Also when searching on values that has certain punctuation characters such as colon (:), slashes (/) or a space the entire value must be surrounded by quotes as these characters are reserved for the search syntax. i.e. aspect_ratio:"16:9".</p> <p style="text-align: center;">Improved Vision Search</p>  <p>R2 has added search across all extracted data values from Process in Place without the need to enter key information.</p>
Thumbnail loading image	Show temporary loading image whilst thumbnails are being generated

InterConnect Features

Summary	Release notes
Improved progress information during restore	On manual restore, a count is now displayed in the GUI every time an asset is checked in
Allow schedule of Action Column watches	Adds ability to set or override the schedule for Action Column watches
Archive assets relative to their auto-archive folder	Adds option to archive assets relative to their auto-archive folder, rather than their full paths in Interplay
"Mirror Interplay Moves" performance improvements	New "Mirror Interplay Moves" algorithm for a single workgroup, which can be up to 10x faster when not much has changed
New user model integration	Integration with new user model
Multiple auto-archive folders per workgroup	Allow multiple auto-archive folders to be configured for a single workgroup.

InterConnect Important Bug Fixes and Improvements

Release notes
When an item is untrashed, make sure all its folder ancestors are too
Ensure tombstones do not cause a job to abort during initialisation
Allow "Mirror Interplay Deletions" to continue if it gets an unexpected error from Interplay Web Services when trying to delete an asset
Delete partial media files after failed restore to allow retry
Handle intermittent "Unexpected subelement" errors when processing GetFileDetails response from Interplay Web Services
Action columns should optionally not create links in Archived/Restored folders

S3Connect Features

Summary	Release notes
Performance improvements	Improved search speed, write speed and concurrency handling
New user model integration	Integration with new user model

Move2 Features

Summary	Release notes
Move2 on Linux	Adds ability to run the Move2 service on a Linux machine
Resume jobs after service restart	Improved handling of jobs that are in progress when the service restarts
New user model integration	Integration with new user model
Enhanced repair archive	The "Repair Archive" function in the GUI has been enhanced to let you check for objects that aren't flagged as being in deep archive, but actually are
Better display of jobs	Adds ability to show details for a job in progress once initialised, as well as when the job has finished.

Move2 Important Bug Fixes and Improvements

Release notes
Improved initialisation time for jobs with many objects
Prevent deadlock when a job is submitted whilst another is being initialised

Platform Features

Summary	Release notes
MatrixOS based on Ubuntu 16.04	New MatrixOS based on Ubuntu 16.04 for nodes and hubs
Hub failover	MatrixOS support for hub failover