

Facilis Technology File System Emulation

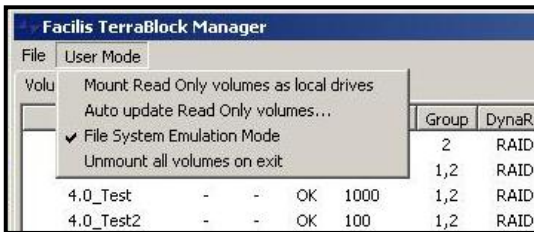
Enabling Avid Project and Media Sharing Features

TerraBlock version 4 and higher includes a user mode setting called "File System Emulation". On Windows and Mac OS X, this setting allows Avid applications in the Media Composer and Symphony family to use Unity-style project and media sharing, when working with TerraBlock Multi-user Write volumes.

This document will cover the setup, usage and enabled features related to the File System Emulation, and the connectivity of the clients when using both Unity and TerraBlock on the same client workstations.

1. Setup

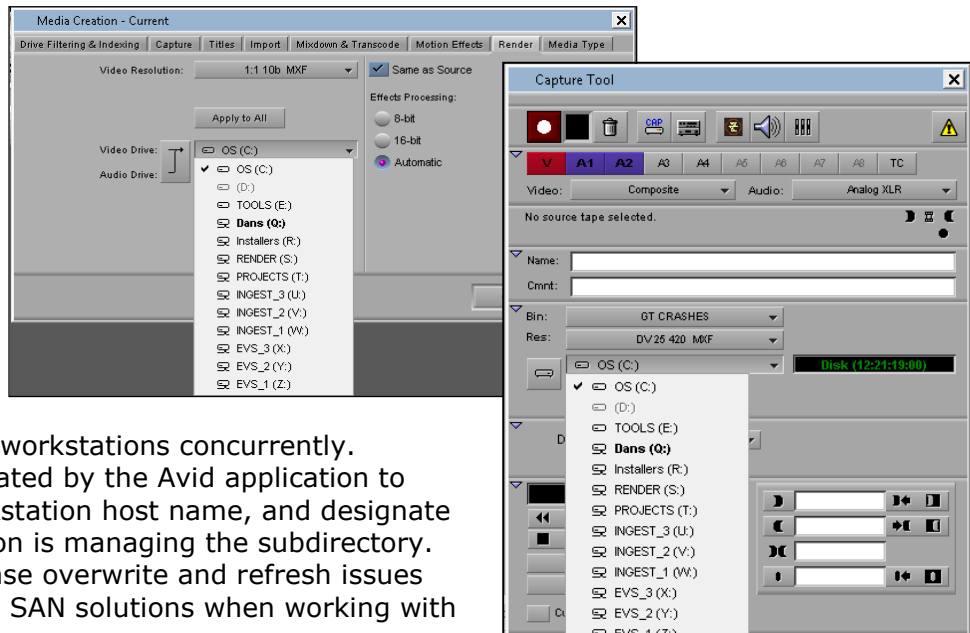
Multi-user Write volumes should be created as shown in the TerraBlock 5.0 User Guide. Any Multi-user Write volume may be mounted as an emulation of the Unity File System, whether on Mac or Windows. Select the user mode menu item "File System Emulation" prior to mounting volumes.



Any volume now mounted will now appear with the file system attribute of AVIDFS instead of FACILISFS. This is a necessary setting for any Avid application using Multi-user Write volumes.

2. Usage

Select the volume normally within The Avid Import, Capture or Media Creation. The volume will display as a writable location without drive filtering disabled.

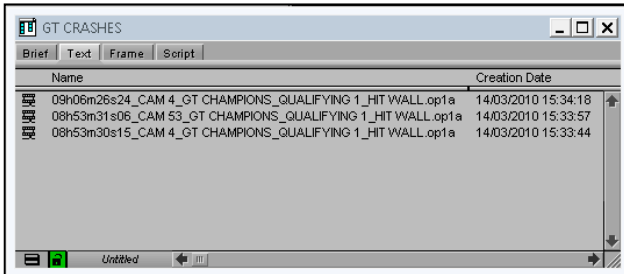


TerraBlock volumes can be used for capture from multiple workstations concurrently. Subdirectories are created by the Avid application to coincide with the workstation host name, and designate which client workstation is managing the subdirectory. This avoids the database overwrite and refresh issues seen in other 3rd party SAN solutions when working with Avid applications.

3. Features

The Avid application will expose certain features visible to the operator only when a Unity/Isis volume is presented to the application. All of these features are operational when using File System Emulation mode on a TerraBlock volume.

After capturing or importing media to the volume, a “network clip” icon will appear, designating that the media exists on a Unity/Isis network. This helps the user to recognize clips that exist on the Multi-user Write network as opposed to local storage or TerraBlock Single-user Write volume.



Any project opened from the volume will allow bin locking and sharing through the lock icons as seen here. A green “Unlocked” icon represents write access to the bin, and a red “Locked” icon represents read-only access. The clips being created by the writer of the bin may be accessed, but the bin will only be updated with any new clips the next time it is closed and re-opened.

Sequences should not be changed in locked bins, because the bin contents cannot be saved. To work on a sequence, copy to an unlocked bin or save a copy of the locked bin.

The project window provides a view of the current “owner” of the bin, or no name if the bin is available for write access. An operator may open a bin for read-only access even if the bin is available for write by holding down the ALT or APPLE key while opening.

The hardware tool on the right will display the TerraBlock volumes under the heading Avid Unity Drives.

