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System Manager and the DPT ESDI caching disk controller

A recent hotline investigation has uncovered a problem when using Global System Manager (BOS) with the DPT Smartcache PM3011/75 ESDI caching disk controller. The problem results in random hard-disk data corruption but appears to be very dependent on the sequence of disk operations.

The symptoms of the problem are data corruption and the unexpected removal of subvolumes during directory update operations (e.g. during file deletion when replying Y to the FILE ALREADY EXISTS; DELETE? prompt).

Consequently, we STRONGLY recommend that Global System Manager is not installed on computers that are configured with the DPT PM3011/75 caching disk controller.

The DPT Smartcache SK2011 SCSI caching disk controller does not appear to suffer from the same problem and has been used successfully with Global System Manager (BOS).