

System Manager and the DPT ESDI caching disk controller (update)

Technical bulletin GT608 (12 May 1993) described a problem when using Global System Manager (BOS) with the DPT Smartcache PM3011/75 ESDI caching disk controller. 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).

Exhaustive testing has demonstrated that the problem is related to the version of the DPT firmware. The problem is easily reproducible on a Smartcache card containing firmware revision "6D" but has not been detected when using firmware revision "6F". The DPT firmware is held in the two ROMs labelled "FW-0040-DPT" located at the left-hand side of the Smartcache card (refer to Appendix F of the DPT Smartcache User's Manual for further details).

Therefore, we **STRONGLY** recommend that all users of the DPT Smartcache PM3011/75 cards ensure the version of the firmware is revision "6F", or later. We have been advised that revision "6F" firmware has been available for several years.