

Altigen Field Alert #278

Date: 5/21/2010

Subject: RAID swap instructions for 3G chassis



The 3G series server chassis use the Accusys 76200 RAID assembly. Proper procedure needs to be followed if drives are being moved from one system and plugged in to another system. Failure to follow this procedure may corrupt the data on the drives, requiring the system be reimaged.

More information on chassis RAID configuration can be found in our knowledgebase at <http://know.altigen.com>. Remember to install the latest version of the RAID management software, StorConn 1.62, available from our FTP site:

<ftp://tsfiles.altigen.com/public/tools/StorConn1.62.zip>

1. In the **source** system (where you are moving drives **from**), make a note of which drives are active. The drives with green and/or blue LEDs are active. The drive with an orange LED is a standby drive and is not active.
2. Power off the **source** system.
3. Power off the **target** system (where you are moving the drives **to**.)
4. Remove all drives from the **target** system and then power it on. Wait for the RAID alarm to beep (roughly 10 – 20 seconds) and then power the target system off.
5. Insert one of the **previously active source drives** in the top slot of the **target** system and power it on.
6. Logon to the system and start the StorConn RAID management utility. Verify that the top drive shows On-line.
7. Install all remaining drives from the **source** system.
8. After a few minutes, StorConn should update to show the middle drive as “Re-build” and the last drive as “Spare”.
9. Allow RAID to fully rebuild before shutting down or taking any other action with the drives.