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Technical Note

Product:	<i>VIDOS-NVR / Bosch DVSA Premium Series Digital Video Storage Array</i>
Version:	<i>Bosch Premium Series Digital Video Storage Array Firmware 3.47J03</i>

This technical note contains latest information about the above mentioned firmware 3.47J03 for the Bosch DVA SCSI disk arrays if used with the Bosch VIDOS-NVR.

1. General

The latest firmware version 3.47J03 for the Bosch DVA disk arrays comes with a new feature enabled which is needed by some of the Bosch applications. If VIDOS-NVR is used with this new firmware a specific setting within the MS Windows 2003 Server operating system is required. If this setting is not made a very poor write performance of the VIDOS-NVR system will be observed.

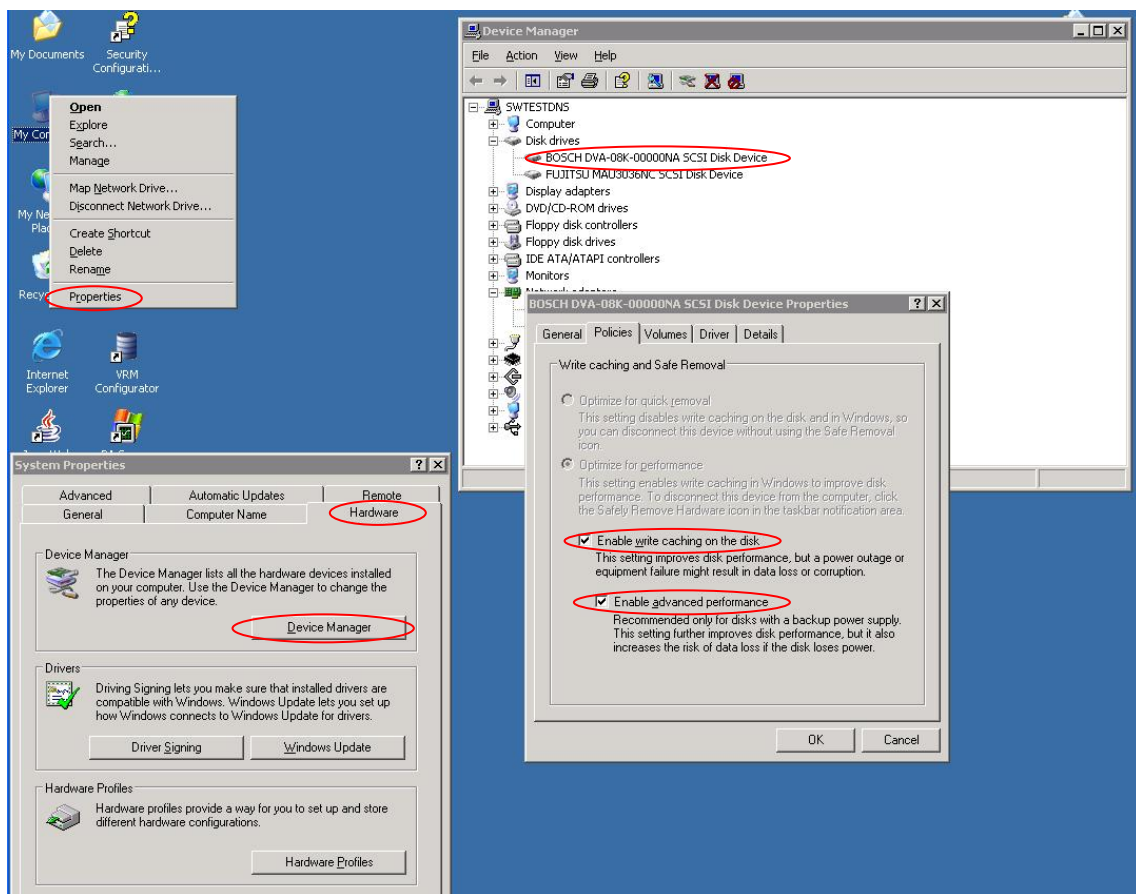
2. Changes

The changes must be performed on all Bosch SCSI disk drives that are mapped to the VIDOS-NVR server. To perform the required settings the following steps must be applied:

- RightMouseClicked on "MyComputer → Properties". The window "System Properties" will show
- LeftMouseClicked on tab "Hardware" then choose button "Device Manager". The window "Device Manager" will appear.
- Open tree node "Disk Drives" and all mapped disk drives will show.
- Choose a "Bosch DVA... SCSI Disk Device", RightMouseClicked on the selected device → "Properties". The window "Bosch DVA... SCSI Disk Device Properties" will appear.

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- LeftMouseClick on tab “Policies”. Enable the check boxes “Enable write caching on the disk” and “Enable advanced performance”
- Repeat the last two steps for all available Bosch Disk drives
- Save your changes with the “OK” button.



3. Restrictions; Known Issues

This setting has only to be adjusted if Bosch VIDOS-NVR in combination with BOSCH DVA firmware 3.47J03 is used. It does not apply to Bosch DIVAR or Bosch DiBos applications.