

A **Transend Corporation** White Paper



225 Emerson Street

Palo Alto, CA 94301

(650) 324-5370

www.transend.com

Transend Migrator Performance Guidelines

Copyright March 10, 2010 by Transend Corporation

Authored by John E. Hieb

Section 1. Performance Guidelines

The following suggestions will help you improve performance. This document applies to all versions of Transend Migrator.

System Recommendations

- Windows XP or Windows 7 with current Service Packs
- Pentium 4, 3.0 GHz system or greater
- 1GB RAM or greater (optimized for your Motherboard)
- 50% or more free space on hard drive and enough space for data files
- High performance 10/100/1000 Network PCI/PCIe/SCSI Network Adapter
- Independent Video Card (does not borrow from system RAM).

Network Considerations

- Configure workstations and server to operate under only one protocol
- Convert on a hard wired (not wireless or VPN) 10/100/1000 LAN segment
- Dedicate a Switched LAN segment to the workstations and servers involved in the conversion
- Update Network card drivers to the current version

Server and Workstation Considerations

- Turn off screen savers and especially Open-GL screen savers
- Turn off Antivirus software during conversion
- Turn off SPAM filter during conversion
- Turn off unnecessary programs which could impede performance during the conversion.
- Prevent user connections during conversion
- Ensure that the latest service packs for the operating system are current
- Update Transend Migrator to the current version
- Update the email application software to the version recommended by the manufacturer
- When it is possible, convert locally and not across the network
- Defrag the hard drive before conversion. This will increase file/seek access time if the hard drive is fragmented
- Set Windows to optimize memory under Windows Advanced Settings
- Transend Migrator places “Temp” files into the system profile temp directory.
- Change the temp directory to a separate partition other the partition where the swap file resides. Use the /D <directory> switch option to change the tempdirectory location. See help file for more information.