

**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF PUBLIC WELFARE**  
**INFORMATION TECHNOLOGY STANDARD**

Name Of Standard: <b>Tiered Storage Definitions</b>	Number: <b>STD-SES002</b>
Domain: <b>Platform</b>	Category: <b>Enterprise Storage</b>
Date Issued: <b>06/05/2009</b>	Issued By Direction Of:
Date Revised: <b>05/26/2010</b>	 James Weaver, Dir of Div of Tech Engineering

**Abstract:**

The Bureau of Information Systems(BIS) supports a Storage Area Network(SAN) which is a network architecture consisting of computer storage devices such as disk drives, tape library systems, tape drives and cartridges for storing data within the Department of Public Welfare(DPW) enterprise business systems.

**General:**

The DPW product standards for server storage management are contained in the DPW IT Environment Summary STD-DPW001 located on the BIS intranet at

<http://bis/pgm/h-net%20standards/appendix%20ii/DPW%20IT%20Environment%20Summary.pdf>

The purpose of this standard is to provide standard definitions for tiered storage and what each tier of storage represents.

**Standard:**

The following 6 tiers of storage are used at BIS and are described below:

- Tier 1 - EMC Symmetrix 150 gigabyte disk drive
- Tier 2 - EMC Symmetrix 300 gigabyte disk drive
- Tier 3 - EMC Symmetrix 500 gigabyte disk drive
- Tier 4 - EMC Clariion CX3-80 Fibre Channel drive
- Tier 5 - EMC Clariion CX3-80 ATA drive (ATA - Advanced Technology Attachment)
- Tier 6 - Sun StorageTek SL8500 LTO 3 drive (LTO - Linear Tape-Open)

## Exemptions from this Standard:

There will be no exemptions to this standard.

## Refresh Schedule:

All standards and referenced documentation identified in this standard will be subject to review and possible revision annually or upon request by the DPW Information Technology Standards Team.

## Standard Revision Log:

Change Date	Version	Change Description	Author and Organization
06/05/2009	1.0	Initial creation	P. Gillingham
05/26/2010	1.1	Fixed Link in Document	R. Sage