

**Information Technology Standard
Commonwealth of Pennsylvania
Governor's Office of Administration/Office for Information Technology**

STD Number:	STD-NET002A	
STD Title:	Network Router and Switch Technology Product and Platform Standards	
Issued by:	Deputy Secretary for Information Technology	
Date Issued: September 13, 2005	Date Revised: December 20, 2010	
Domain:	Network	
Discipline:	Physical Network	
Technology Area:	Routers & Switches	
Referenced by:	ITB-NET002	
Revision History Date:	Description:	
12/20/2010	ITB Refresh	

CURRENT STANDARDS

Products	IEEE Standard	Protocol	Technology Classification
10/100/1000 Meg Switched LAN/WAN Routers	802.3	See GEN-NET002B for approved protocols	Current
IP version 4	802.3	"	Current

CONTAIN

Products	IEEE Standard	Protocol	Technology Classification
10/100 Meg Switched-Layer 2	802.3	See GEN-NET002B for approved protocols	Contain

RETIRE

Products	IEEE Standard	Protocol	Technology Classification
Token Ring	802.5	See GEN-NET002B for approved protocols	Retire by 12/31/06
Windows/2K/2K3/XP/Linux/Linksys/D-Link/Netgear – Any product that does not operate with the protocols listed on the last page.	802.3	"	Retire by 12/31/06
E-Net 10 Meg Shared	802.3	"	Retire by 12/31/06
E-Net 10/100 Meg Shared	802.3	"	Retire by 12/31/06

EMERGING / RESEARCH

Products	IEEE Standard	Protocol	Technology Classification
VOIP	802.3ae	See GEN-NET002B for approved protocols	Research
IP Version 6	802.3	"	Research