

I've been keeping the Technology Committee abreast of an issue with the main Internet router at the Coldwater Branch for the last several weeks. The short of it is that our current router, which is 10 years old, has been increasingly unable to handle the amount of traffic going in and out of the Coldwater Branch. We were planning on replacing it at some point soon, but I wasn't planning on doing so this year. It seems that the extra traffic this year generated by our video surveillance system has pushed it over the edge. As an experiment, I have used a spare computer as a router for the last 3+ weeks. 10-years-newer hardware has performed great, and actual router hardware will show even better performance. In 2005 our last router cost \$3000.00.

The Technology Committee is recommending that we request funds from the Major District Projects Fund to purchase a pfSense XG-1540 Security Gateway Appliance (<http://store.pfsense.org/XG-1540/?ItemId=13706&Kits=12,14,1>). We are recommending this fund because, though at the Coldwater Branch, this router provides critical library services to all branches.

We are requesting \$2,916.83, which includes shipping.