

March Technology Board Report

March 17, 2011

Desktop Systems

Dell came in to replace a motherboard in one of the new Drafting Lab laptops, due to a manufacture defect. The service was covered under warranty.

We've been working with Rob Suprynowicz to isolate intermittent computer issues with his laptop.

We helped purchased the items requested in February Perkins revision, and have begun installing those items. We're in progress of purchasing the Graphics Copier replacement with Joe Salorino's assistance.

We made some progress with the CNT and HEA digital classroom installations.

Network and Server Systems

We're looking at ways to more efficiently cool the server room; to hopefully reduce the total electricity usage. If we can efficiently cool, meaning focusing on cooling the hottest air in the room directly, the server fans will slow down and the A/C will have to work less, and the realized benefit will be at the electric circuit.

We have replaced the Access Point in Tool and Die, after several years of service it was intermittently dropping connections. This is the seventh replacement of the Wireless transmitters all originally purchased in 2007.

Our primary logon server failed; due to a processor failure, and it caused several hours of disruption to computer services school wide on March 8th. Since all of our servers are of similar brand and model year; we were able to borrow a processor from another server, until the replacement arrived. The server is no longer under warranty, but we were able to find a suitable processor for \$25 online instead of \$300 from Dell. So far it seems to be working to expectation.

We are experiencing a significant rise in threats to our SchoolDESX (SiS) Server that is published to the internet to extend grade book service home for Faculty. We're looking into several options to mitigate these risks including higher levels of encryption, authentication, and connection access.

Application Development

We're investigating a district portal, to allow district Child Accounting Data Managers to review our data, to help ensure successful PIMS ADM reporting this summer for the 2010-2011 school year. This is in response to concerns raised during the Auditor General Audit of the ADM/Child Accounting reconciliation process being used, now that we are reporting enrollment to PDE. In the 2009-2010 school year, we submitted Attendance/Enrollment to the districts, and they submitted this to PDE/PIMS. We only reported CTE Program completion data to PIMS at that time.