

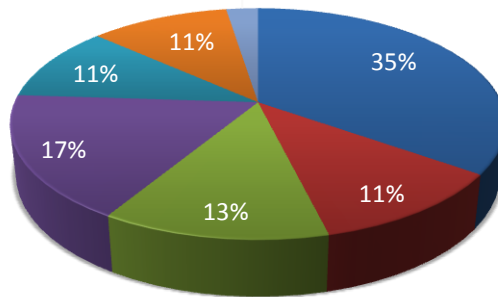
Item III: Recommendations for Equipment Replacement

The current hardware infrastructure in the district is a mix of brands with various operating systems. There are some Dell and HP Tier I systems and a variety of non-brand computers mostly, the Shuttles, throughout the district.

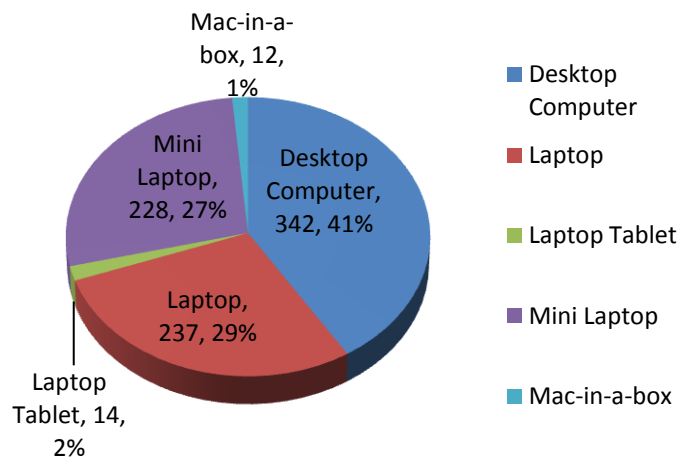
The current inventory shows approximately 847 computers of all types. This isn't inclusive of the 70 additional computers recently purchased. An additional 19 computers should be added based upon putting machines with each Smart Board. With additional few machines for special education and RTI program needs, the district should have an installed base of more than 900 machines by the end of this year. In order to maintain that base, on a four year rotation cycle, the district needs to purchase a minimum of 225 computers per year. A compounding issue is that the district currently has a number of machines for which the district is unable to find proof of Operating Systems licenses. Laptops tend not to last as long as desktops, so the high number of laptops in our current base is an added issue.

Computers district-wide: 847

- 295 High School
- 106 Upper Elementary
- 90 Capron Elementary
- 96 Middle School
- 147 Poplar Grove
- 92 Manchester Elementary



*June 30, 2010 Inventory number



So, the IT staff's current recommendation is to use the rest of the existing IT equipment budget to purchase additional desktop replacements, approximately 29 (\$12,870 remain). In addition, we are able to purchase approximately 50 additional computers via ARRA IDEA funding for special education needs. These can replace another set of current machines. I would also recommend taking the \$16000 set aside for O/S licenses and use that to replace more of the undocumented desktops. That will allow us to work towards compliance and get more for our purchases than if we simply purchase O/S licenses.

This would allow us to purchase approximately 180 total computers this year but would also reduce our undocumented operating systems by about 50%. This effectively means that the district will be purchasing few "new" computers to expand the base, but will be cycling out computers that are past their functional life.

There are currently 126 SS51 in the district, which would be the primary targets of the rotation. They are approximately six to seven years old. They are distributed as follows:

High school	SS51	53
Middle School	SS51	6
Upper Elementary	SS51	24
Poplar Grove Elementary	SS51	11
Capron Elementary	SS51	18
Manchester Elementary	SS51	14
Total		126

The next machines being replaced would be the 79 SS56s and the 42 SS59 computers. I don't anticipate they will be able to be phased out this year.

Unfortunately, the current inventory does not have good information about the original purchase date of most machines. This rotation also doesn't address the need to plan for a printer replacement cycle.

I will provide rotation data from other districts when I am able to obtain it.

Item IV: Recommendation for limits to the Outlook accounts

We are currently close to running out of room on the Exchange server. At this point, there have not been limits established for individual accounts. This needs to be done in order to conserve our hardware (server) resources and ensure that the daily backups are completed without problem. Currently the Exchange server is not able to complete daily backups due to the massive amounts of archived mail on the server.

The IT staff recommends that limits be set at 250MB per user. Exceptions will be made as necessary. The director of technology will be the person who will determine legitimate exceptions. The superintendent will make those determinations prior to the appointment of a technology director. The limits would be put in place over winter break to allow staff adequate time to clean out their individual accounts. Directions on how to export mail items, etc. would be provided to staff.

Item V: Recommendation for limits to network folders

We are currently close to running out of room on some of the network servers. At this point, there have not been limits established for individual accounts. This needs to be done in order to conserve our hardware (server) resources and ensure that the daily backups are completed without problem. Currently, it appears that there is a great deal of material stored on the network that is not being actively used.

The IT staff recommends that limits be set at 2 GB per user. Exceptions will be made as necessary. The director of technology will be the person who will determine legitimate exceptions. The superintendent will make those determinations prior to the appointment of a technology director. The limits would be put in place on the return from winter break to allow staff adequate time to clean out their individual accounts.

Item VI: Power School

We will provide an overview of the situation with Power School and look for any feedback from the staff as to the current situation. Some of the outstanding issues remaining are:

1. Lack of support for Illinois State Reporting
Particularly a lack of integration with SIS
Problems with identification of home schools
2. Difficulty in exporting data to other formats
3. Lack of compliance with basic relational conventions
4. Problems with medical reporting
5. Discipline reporting logs are too cumbersome (they are working)

Item VII: MAP Testing

Currently the NBMS 7th grade team will be doing a pilot of the MAP testing in the new BMS lab later this month. Assuming all goes well, MAP testing will restart throughout the district in January and May in grades 2 to 10.

Item VIII: Home Technology Survey

As a prelude to the development of the district's next technology plan, Jane Lenser and Sharon Olds have developed and are currently conducting a home technology survey in order to determine student access to resources at home. One of the potential outcomes of this survey would be to move towards Google Docs for student use as it is considerably less expensive than the MS Office Suite. However, the necessary home resources must be available in order to get the most value out of Google Docs. Some of the NBHS computer courses already use Google Docs.

Item VIII: Other

The power outages that occurred two weeks ago have identified a number of issues that need to be addressed with regard to how the district's back up power is organized. Jim Novak and Randy Porter are working on these issues. One of the wiring issues is scheduled to be dealt with on November 12.