

Technology Update

Brian Hyland

Director, Information Technology

5/15/2012

Information Technology (IT) Update

- AUSD Information Technology
- Technology Committee
- Infrastructure
- Inventory /purchases
- Elementary School Equity
- Email
- Training
- Computer Refresh Budget
- Future Opportunities

IT Department

- 5.1 FTE
 - Director
 - Network Tech
 - 1.5 Repair Tech
 - Data Base Coordinator
 - .6 Trainer
- \$302,000 budget

IT Department

- Support
 - Hardware
 - Applications
 - Phones
 - Infrastructure
- Closed over 2,280 support tickets YTD

IT Department Direction

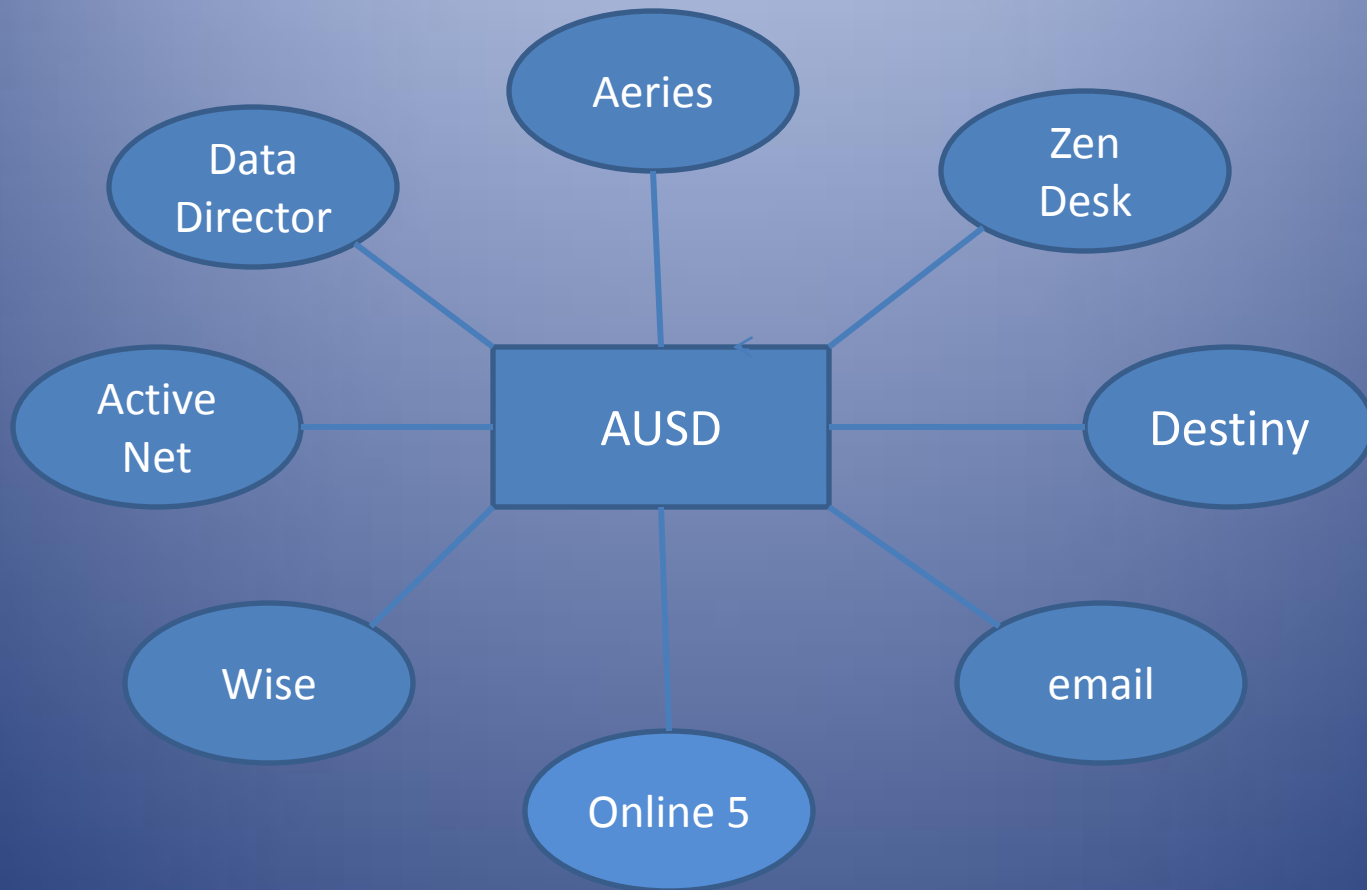
- Increase Middle School Technology
- Assess Elementary Teacher Computers
- Manage Department
- Technical Committee

Tech Committee

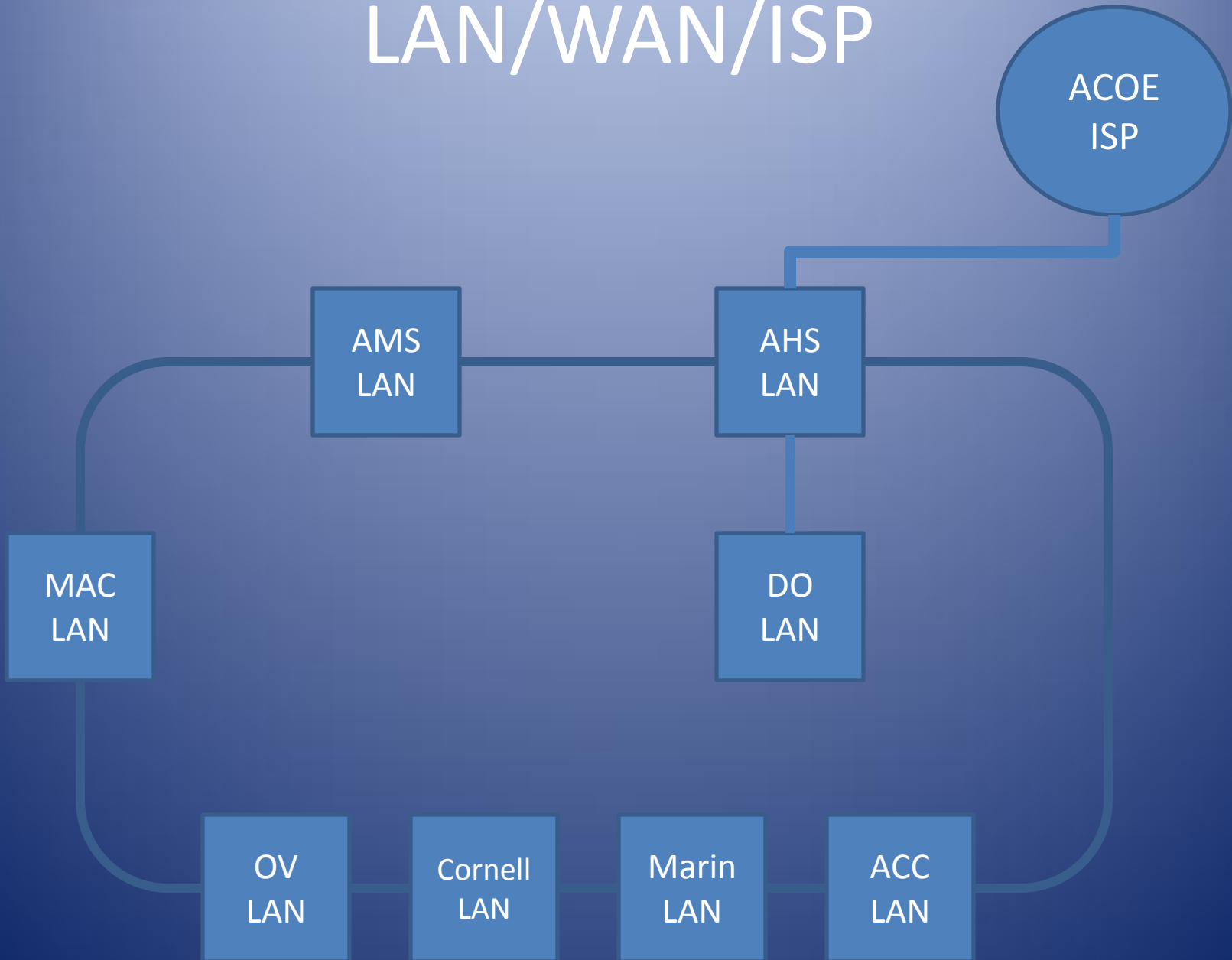
- Made up of tech leaders from school sites
- 2 Board members
- 1 parent
- Individual Tech plans created
- District Tech plan developed simultaneously
- Focus on students for next year

Infrastructure

- Local Area Networks
- Wide Area Network
- Internet Service Provider
- Phone System
- Applications



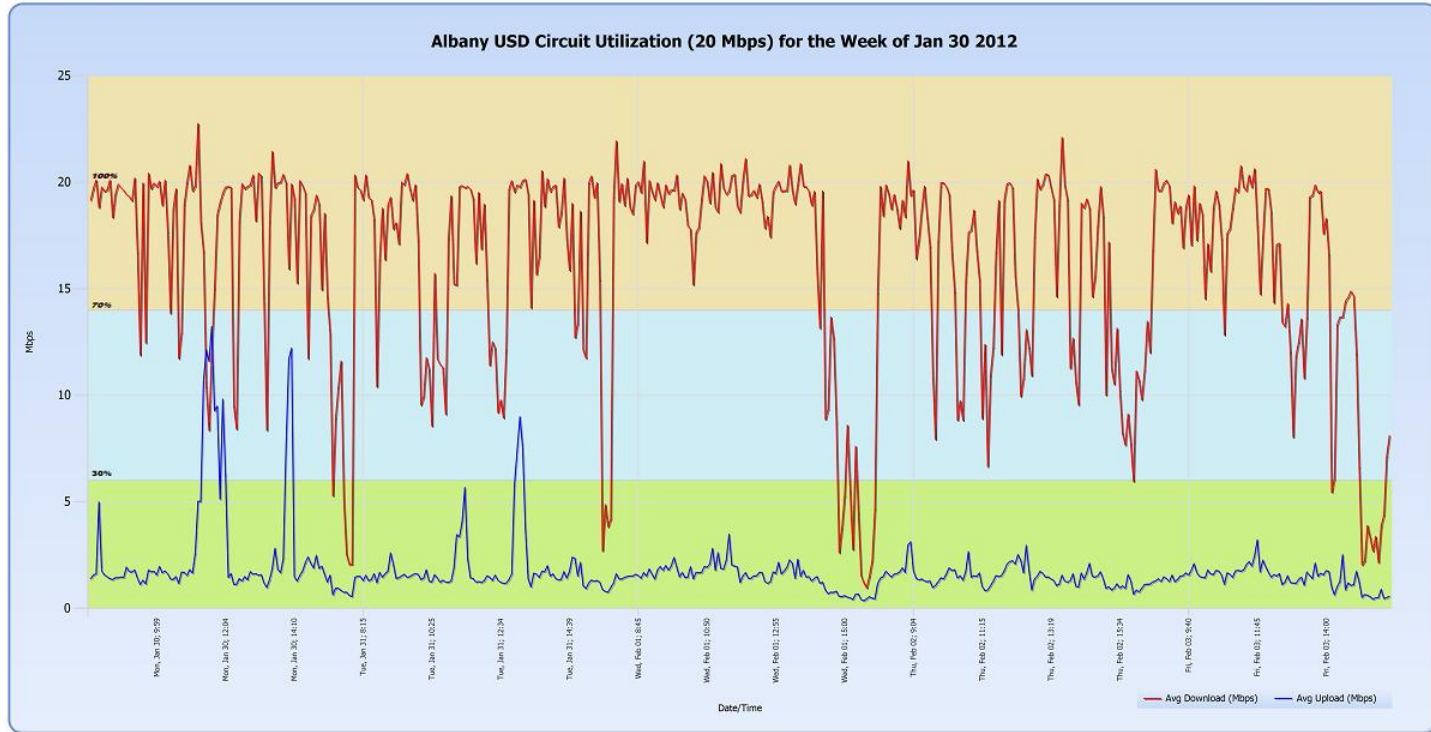
LAN/WAN/ISP



Bandwidth

Weekly Circuit Utilization, Mon-Fri, 8am-4pm, 5 minute intervals

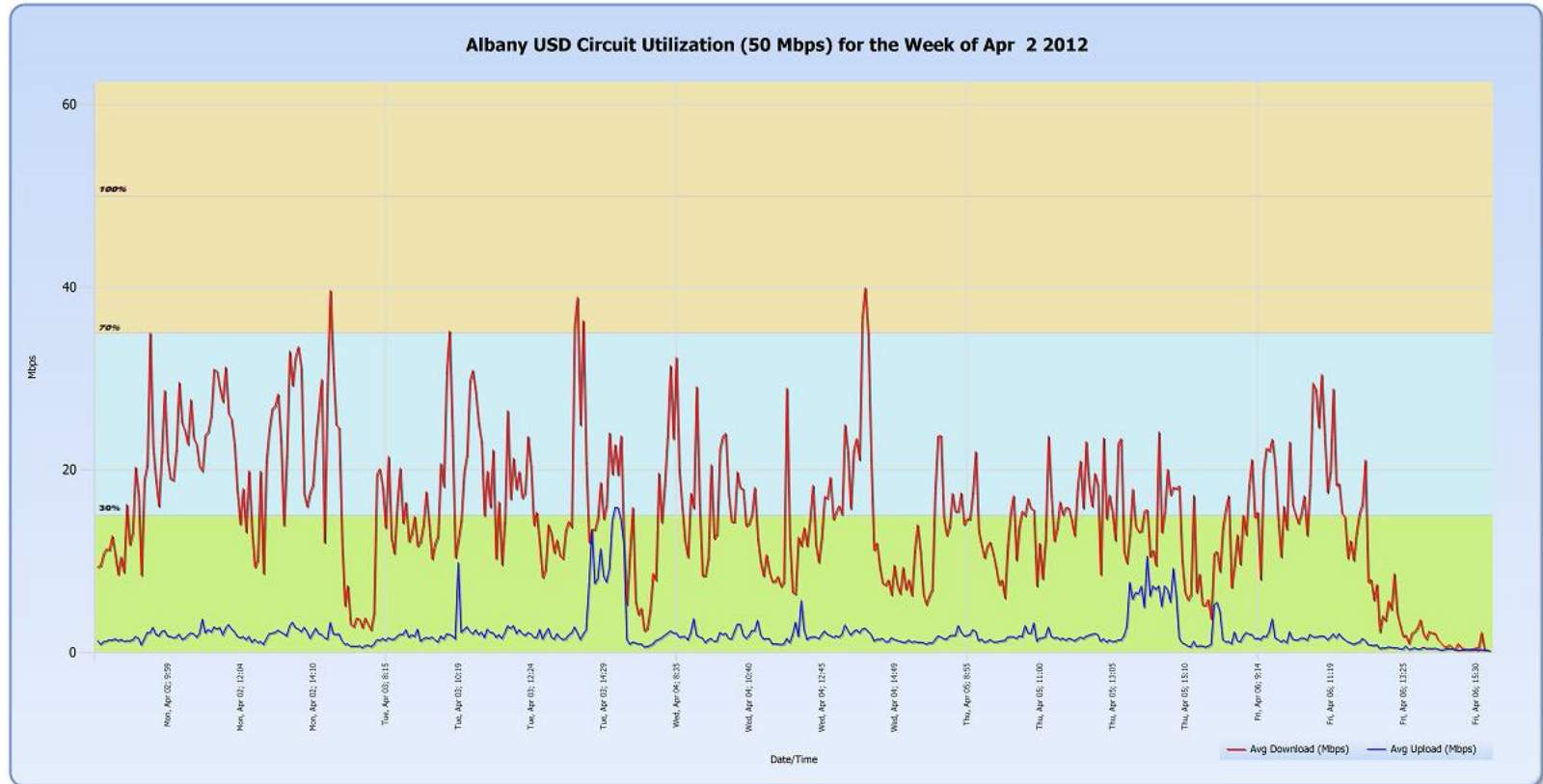
Run on 2/6/2012 4:15:13 AM



Bandwidth

Weekly Circuit Utilization, Mon-Fri, 8am-4pm, 5 minute intervals

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Legend

70% - 100% and above High Utilization
30% - 70% Medium Utilization
0% - 30% Low Utilization



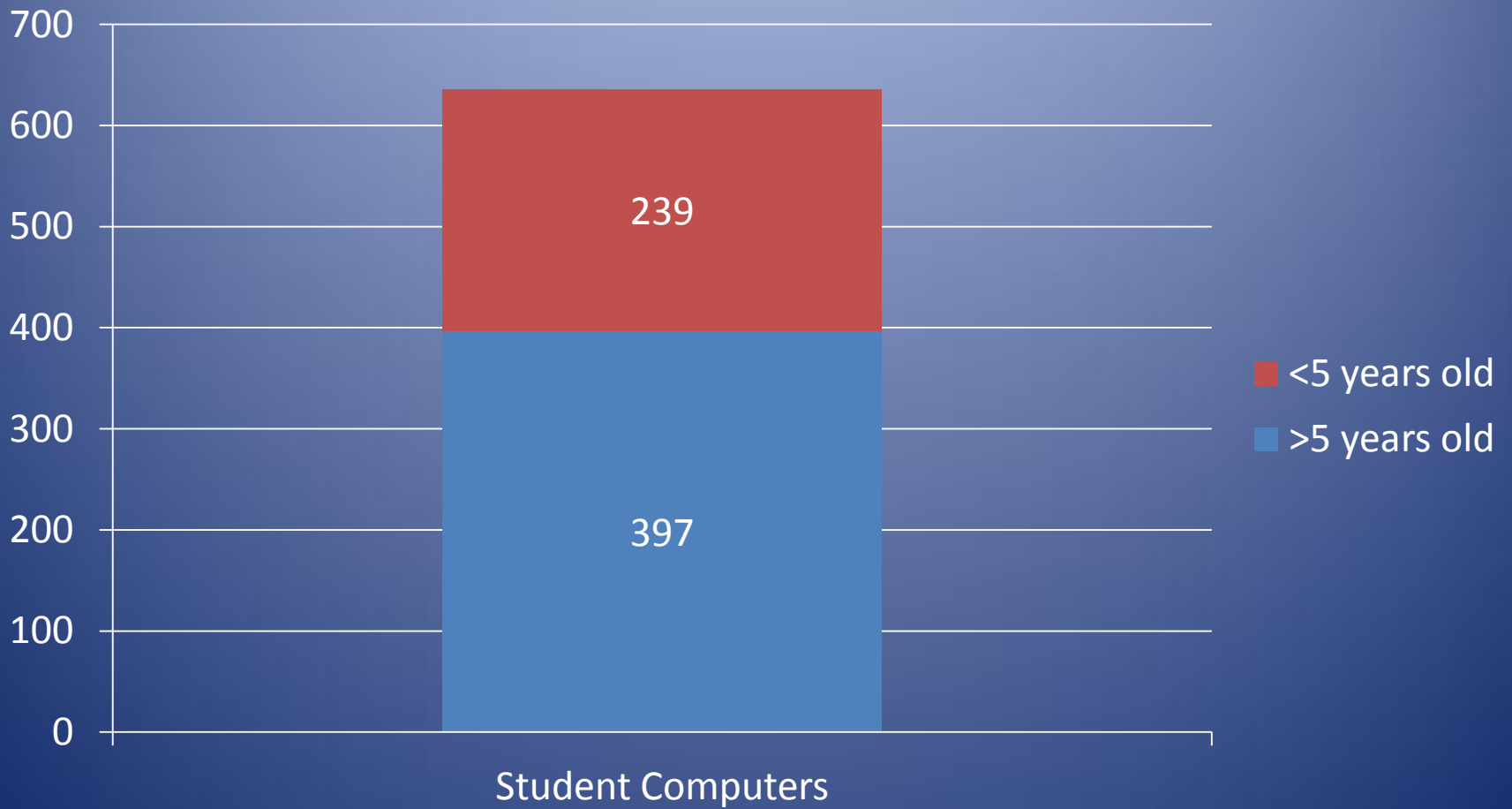
Inventory

- Every School
- Computers
- LCD Projectors
- Document Cameras
- Network Printers
- ~1,463 Devices

Inventory

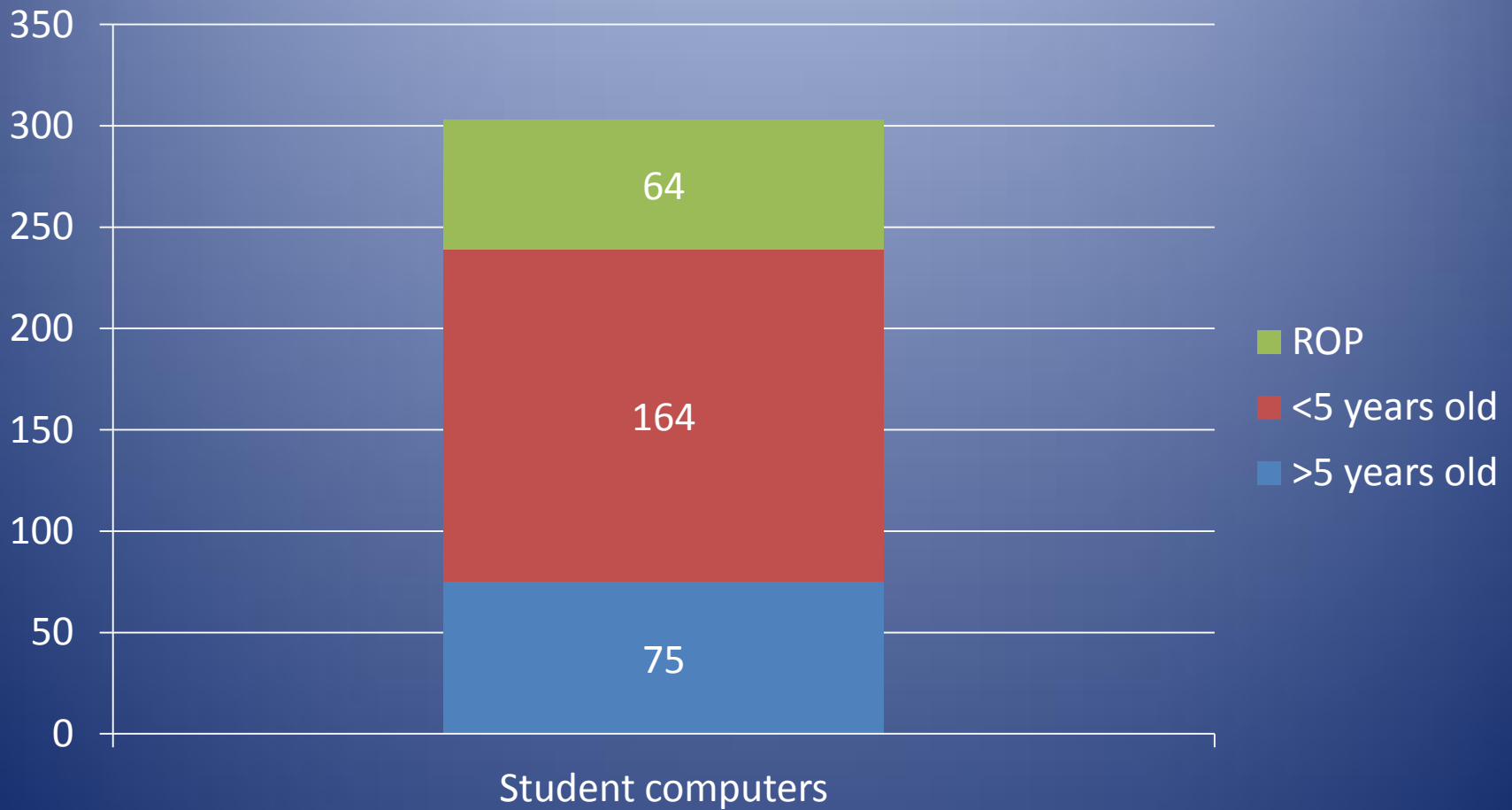
- Every Teacher has a working computer
- Classrooms have an LCD projector (exception 5 @ AHS) and most have a Document Camera
- Student computing is in need of attention

District



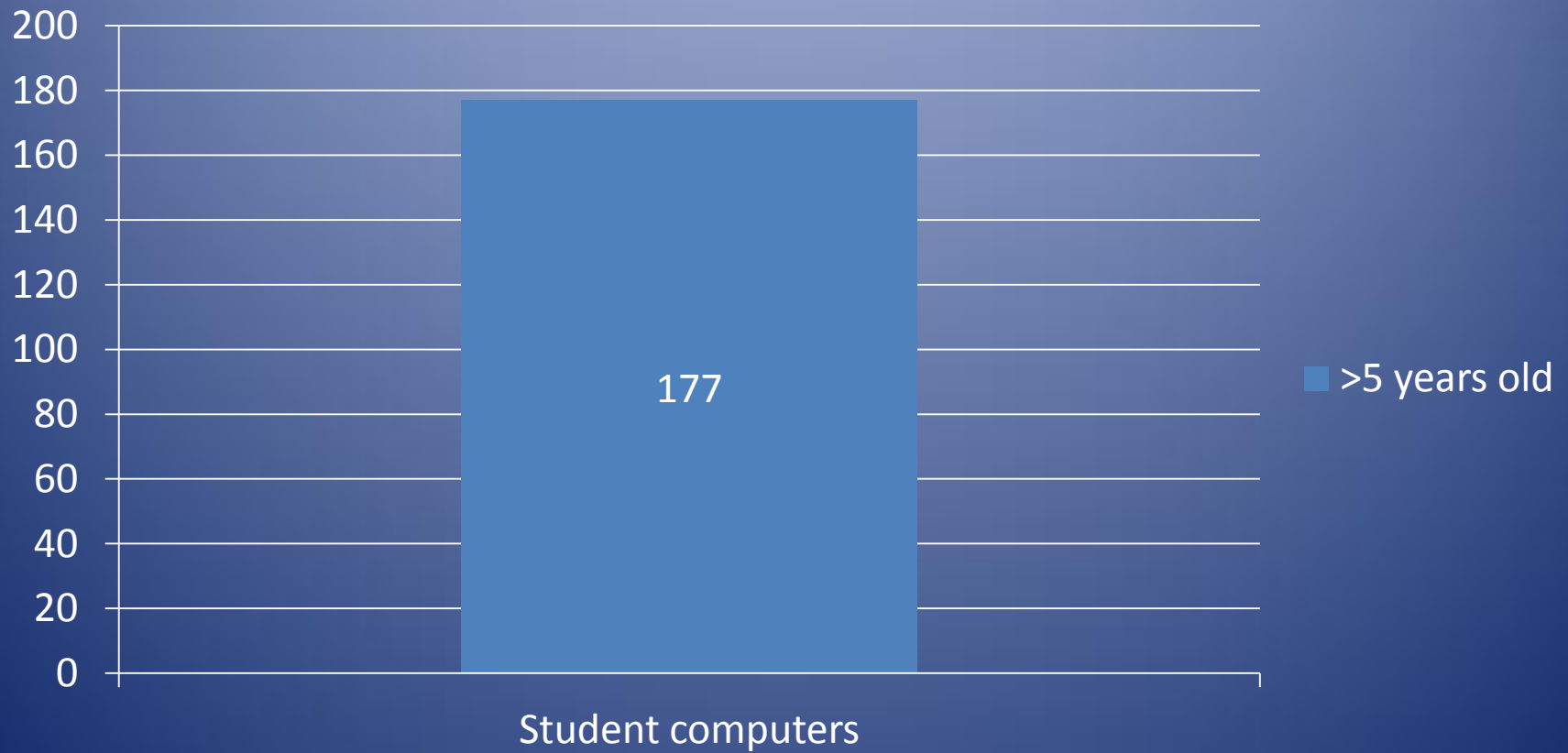
AHS

Student Computers

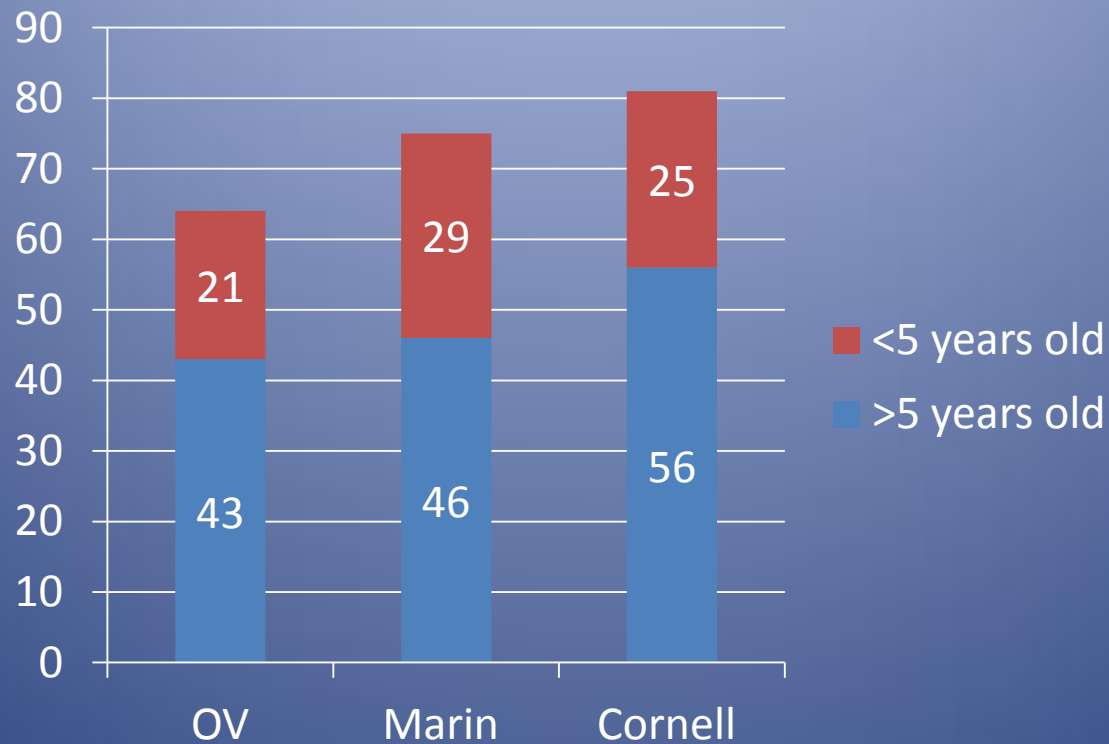


AMS

>5 years old



Elementary Student Computers



Purchases this year

- Doc cameras and projectors for AMS
- Rewired AMS lab
- Replaced Special Ed computers (15)
- Swap out of 90 Elementary school laptops
- iPads for elementary schools
- 32 teacher laptops for AHS
- VoIP equipment for Ocean View

Elementary School Equity

- Meeting with the Principals
- Merge Tech plans
- Holding purchase requisition for equity
- Creating a “what’s next” hierarchy

Email

- Began experiencing increasing problems – Fall
- Explored options and decided to switch – Feb
- Developed 7 stage plan to migrate
- Secured funding
- Executing the plan with the intent to move ASAP

Training

- Training ranged from School-wide to 1 on 1.
- Worked with all Special Ed teachers on how to use Smartboard
- Especially effective for teachers with beginning skill levels or who lack confidence.
- Over 80 trainings and consultations
- Obstacle has been scheduling. Finding the right time to meet with teachers.
- Next steps include working with grade-level groups from all three elementary schools, Google Apps collaboration training and Khan Academy access.

Computer Refresh Budget

- Currently none available
- Propose capturing 20% of all future orders
- Supplement with any excess district funds
- Determine through the Tech Committee when and what machines get refreshed

Opportunities

- SBAC
- Wireless
- Edge switch's refresh
- VoIP