



THE OXFORD AREA  
SCHOOL DISTRICT

"ONE CHILD AT A TIME"

# Oxford Technology 2009-2010

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**Accomplishments**

**Current Projects**

**Future Projects**

# Accomplishments

## ◆ Website Makeover

- Move to internal district server
- Added more graphics and distributed responsibility of page updating in order to provide more up to date information.

The screenshot shows the homepage of the Oxford Area School District website. At the top, there is a navigation menu with links for HOME, DISTRICT, OUR BOARD, OUR SCHOOLS, RESOURCES, EMPLOYMENT, and LINKS. Below the navigation is a large banner image of a school building with the text "THE OXFORD AREA SCHOOL DISTRICT" and the motto "ONE CHILD AT A TIME".

The main content area is divided into several sections:

- OXFORD AREA SCHOOL DISTRICT HIGHLIGHTS:** This section features a photo of three women standing together, with the caption "The Oxford Educational Foundation presented its 10th annual Randy Sebastian Volunteer Person of the Year (R.O.V.P.) Award to Jeanette Griffin, who was recognized for her many years of dedicated volunteer service at Nottingham School. She is joined with OEF Board of Directors Vice President Sue Harsh, and Nottingham fourth grade teacher Jennifer Winand, who nominated Mrs. Griffin."
- QASD NEWS:** This section lists several news items, including "Summer Hours for District Offices and Schools", "Hopedale School set to open", "Robey Cellars of the Month", and "Phone".
- UPCOMING EVENTS:** This section lists several upcoming events, including "School Board Facilities Committee Meeting", "Combined School Board Work Session and Meeting", and "First Student Day".

At the bottom of the page, there is a "WELCOME FROM THE SUPERINTENDENT:" section with a short message and a "Read more..." link. The footer contains contact information for the Oxford Area School District, including the address "150 Bell Tower Lane, Oxford, PA 19954" and the phone number "610-650-2600".

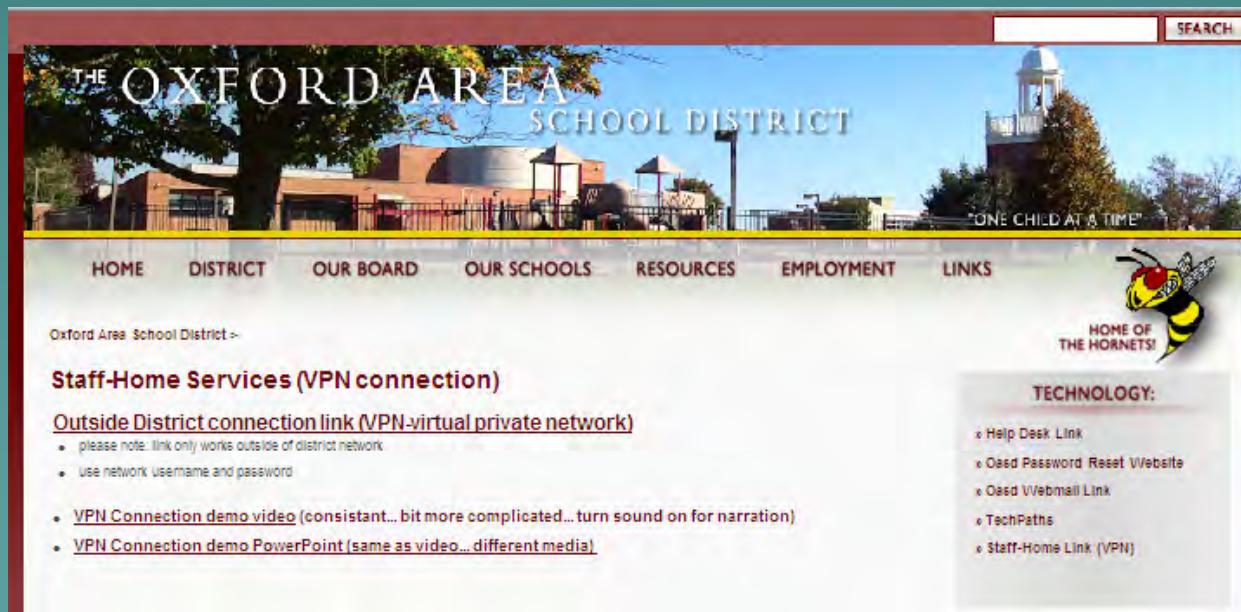
# Accomplishments

- ◆ Automated Password Reset System
  - This year, rolled out to 3 buildings and 1700 students
  - Rolling out to teachers
    - ◆ More frequent password changes on the horizon



# Accomplishments

- ◆ Rolled out district network access (VPN) to all teacher and administrators
  - Cisco Clientless connection
  - Training video on web page.



The screenshot shows the website for The Oxford Area School District. The header features the district name and a search bar. The main navigation menu includes Home, District, Our Board, Our Schools, Resources, Employment, and Links. A banner image shows a school building with the motto "ONE CHILD AT A TIME". Below the navigation, there is a section for "Staff-Home Services (VPN connection)" with a link to "Outside District connection link (VPN-virtual private network)". This link includes a note that it only works outside the district network and requires network credentials. There are also links to a "VPN Connection demo video" and a "VPN Connection demo PowerPoint". To the right, a "TECHNOLOGY:" menu lists several links: Help Desk Link, Oasd Password Reset Website, Oasd Webmail Link, TechPaths, and Staff-Home Link (VPN). A cartoon bee logo with the text "HOME OF THE HORNETS!" is also visible.

THE OXFORD AREA SCHOOL DISTRICT

SEARCH

HOME DISTRICT OUR BOARD OUR SCHOOLS RESOURCES EMPLOYMENT LINKS

Oxford Area School District >

**Staff-Home Services (VPN connection)**

[Outside District connection link \(VPN-virtual private network\)](#)

- please note: link only works outside of district network
- use network username and password

• [VPN Connection demo video](#) (consistant... bit more complicated... turn sound on for narration)

• [VPN Connection demo PowerPoint](#) (same as video... different media)

HOME OF THE HORNETS!

TECHNOLOGY:

- [Help Desk Link](#)
- [Oasd Password Reset Website](#)
- [Oasd Webmail Link](#)
- [TechPaths](#)
- [Staff-Home Link \(VPN\)](#)

# Accomplishments

- ◆ Survived year two of **PIMS**
  - Required flexibility due to regular changes and added requirements.
  - Increased level of complexity due to course information and Special Ed. Template added.



**Pennsylvania Information Management System (PIMS)**

# Accomplishments

## ◆ High School

### “Classrooms for the Future”

– Rolled out 7 classroom sets in mid December.

- ◆ Interactive Whiteboard (7)
- ◆ Ceiling mounted projectors (7)
- ◆ Student laptops (210)
- ◆ Teacher laptops (7)
- ◆ Video camcorders (5)

# Accomplishments

## ◆ High School Library Lab

Replaced 26 computers in HS237  
(were 6 years old) with new HP  
dc5800 systems

# Accomplishments

## ◆ Alertnow communication system



– Future plans to integrate student information automatically with PowerSchool



| Account Usage                  |      |
|--------------------------------|------|
| Hopewell School                | (53) |
| Jordan Bank - Elk Ridge School | (13) |
| Oxford Area High School        | (8)  |
| Penn's Grove Middle School     | (6)  |
| Nottingham School              | (2)  |
| Oxford Area SD                 | (2)  |

# Accomplishments

- ◆ **Upgrade District Email server to Exchange 2007**
  - **Handles system memory much more effectively**
  - **Allows for large memory usage**

# Accomplishments

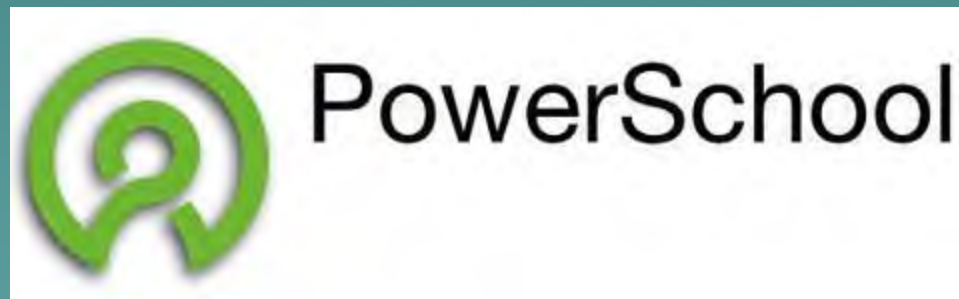
## ◆ **Install Email Archiving System**

- Retains all email for one year
  - ◆ Even if deleted by user
  - ◆ Allows for subject search across all mailboxes
- Helps reduce email storage by handling attachments



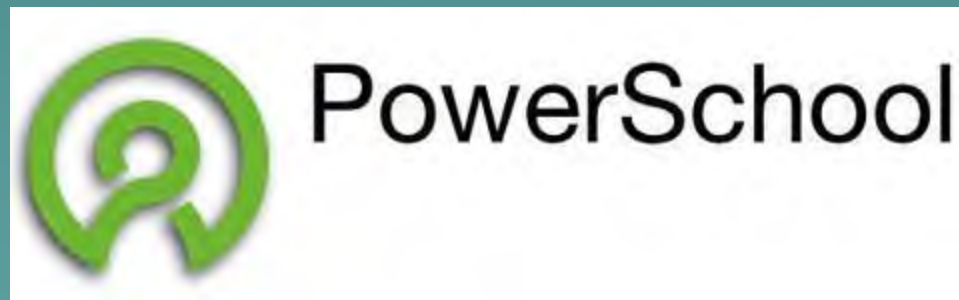
# Accomplishments

- ◆ **PowerSchool and PowerTeacher**
  - Setup servers (2)
  - Configure software
  - Migrate data from SASI



# Accomplishments

- ◆ **PowerSchool and PowerTeacher**
  - 3 days of training by PowerSchool professional (June 2009)
  - 3 days of building level customized training (Bill and Craig)



# Current Projects

- ◆ Two additional Laptop Carts
  - Replace Penn's Grove 15 unit cart that has been in the library with 30 unit cart for general sign out.
  - Replace 6 year old High School general sign out laptop cart.



# Current Project

## ◆ High School

- ◆ Replace teacher systems with new desktop computers
  - Included software upgrade. Office 2007
  - HP dc5800 small form factor
  - 19" flat screens
  - Multi-media card slots
  - DVD burner



# Current Project

## ◆ Hopewell

- All teacher and administration systems new HP dc5800 desktops... same as HS systems
- Dell GX280's from high school re-deployed as student resource systems in each classroom.
- Three Xerox Multi-functional printers-copier-scanners (office-faculty rooms)

# Current Project

- ◆ Hopewell Network Printing
  - Ten “network workgroup printers” strategically located through building.
  - Elimination of desktop printers.
- ◆ Elk Ridge Network Printing
  - Four “network workgroup printers” to reduce desktop printing.

# Current Project

- ◆ Hopewell (continued)
  - Thin client library computer lab.
    - ◆ Systems mount to back of monitor



- New student computer lab in area once occupied by middle school library.

# Current Project

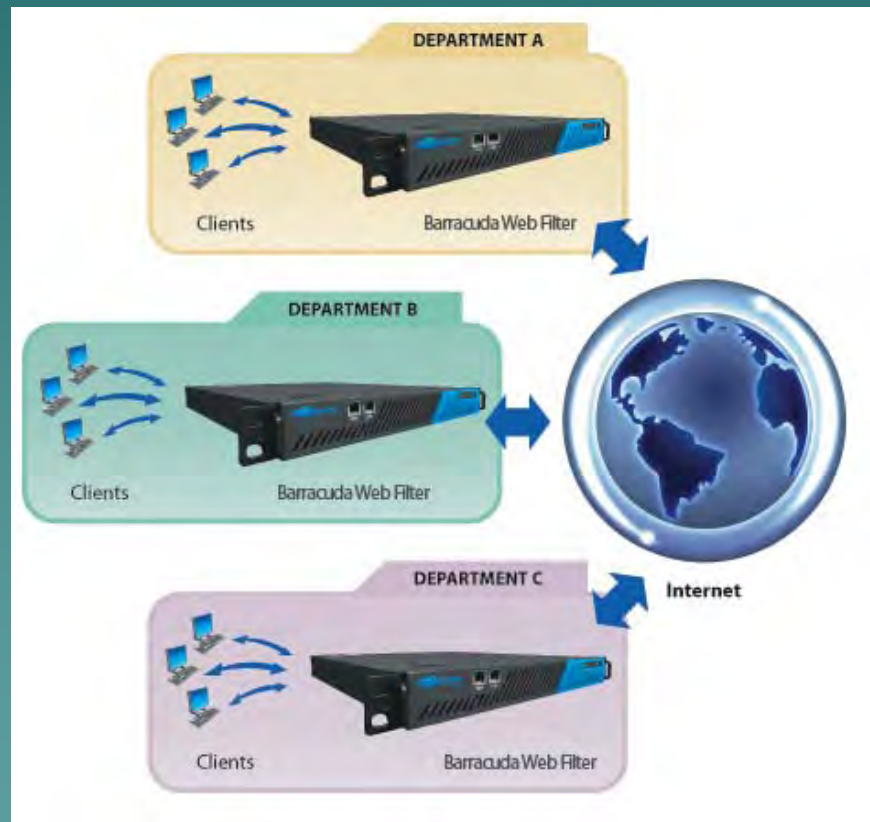
- ◆ Hopewell-Penn's Grove
  - Wireless network (Aruba System)
    - ◆ Controller (in HS) and access points



# Current Project

## District Web Filter Change (from Websense to Barracuda)

- Lower cost
- Better consistency
- Hardware solution.
- Simpler interface



# Current and Future

- ◆ Continue to make our TOP GOAL the reduction of help desk ticket resolution time
- ◆ Goal to Reduce Amount of Work Orders

# Future Projects

## Food Service Software Upgrade

- ◆ Added capability to transfer students from PowerSchool automatically to FSS software

# Future Projects

## LCD projection units

- ◆ Add additional systems for schools on sign out basis.
- ◆ Planning on systems at school libraries
  - Ceiling mounted if possible.

# Future Projects

## **Additional Hardware Upgrades**

- ◆ Continue to systematically replace systems over 6 years old

# Technology FYI 2009

- Oxford Technology Web site
- Oxford VPN (Home-School Connection)
- OASD carbon footprint
  - (power down system (s) at the end of the day)
- Computer Desktop Screen
- Email Spam Quarantine

# Computer Desktop Screen

- This is YOUR SPACE
  - Just like your classroom desktop
  - It is not on the district network ...
    - If the computer hard drive fails, whatever is there will be lost.
  - You can change the desktop wallpaper
  - You can add and remove shortcuts
  - Important shortcuts
    - Drag and drop from Internet Explorer favorites

# Spam Quarantine

From: Barracuda Spam & Virus Firewall [spam@oxford.k12.pa.us]  
To: Miller, Craig  
Cc:  
Subject: Spam Quarantine Summary



## Spam Quarantine Summary

Account: **cmiller@oxford.k12.pa.us**

This is your quarantine summary from the Barracuda Spam & Virus Firewall.

You have **4** messages in your spam quarantine inbox.

- Click on the **Deliver** link to have a message delivered to your mailbox.
- Click on the **Whitelist** link to have a message delivered to your mailbox and whitelist the sender so that his/her messages will no longer be quarantined.
- Click the **Delete** link to have the message deleted from your quarantine.

| Time Received     | From                      | Subject   | Actions  |
|-------------------|---------------------------|---|--|
| 07/30/09 11:26:52 | "GovConnection" <info@gov | <b>Your Guide To Understanding The Fedr</b>     | <a href="#">Deliver</a> <a href="#">Whitelist</a> <a href="#">Delete</a> |
| 07/30/09 01:51:39 | audio@pbconferences.com   | <b>IDEA &amp; RTI Standards: Meet the Feder</b> | <a href="#">Deliver</a> <a href="#">Whitelist</a> <a href="#">Delete</a> |
| 07/28/09 07:52:56 | Andrew Kramer <perfect@c  | <b>NECC &amp; StudentMate</b>                   | <a href="#">Deliver</a> <a href="#">Whitelist</a> <a href="#">Delete</a> |
| 07/27/09 22:29:15 | audio@pbconferences.com   | <b>Facebook, YouTube &amp; Student Free Sp</b>  | <a href="#">Deliver</a> <a href="#">Whitelist</a> <a href="#">Delete</a> |

To view your entire quarantine inbox or manage your preferences, [click here](#).

Spam/Virus Protection By BARRACUDA NETWORKS

# Spam Quarantine

**BARRACUDA NETWORKS SPAM FIREWALL 300** Log Off cmiller@oxford.k12.pa.us English

**QUARANTINE INBOX PREFERENCES**

Quarantine Inbox Page: 1 of 1

IS Filter: None Pattern: + Apply Filter

Current Message Log Count: 1

Deliver Whitelist Whitelist+Not Spam Delete **Classify as Spam** Classify as Not Spam

| <input type="checkbox"/>            | Time Received From | Subject  | Actions  |
|-------------------------------------|--------------------|--|--|
| <input checked="" type="checkbox"/> | 08/25/09 06:44:13  | -Lose Excess~ <saviorsx8@rossis.100% Free Weight-Loss Promo Offer! | <a href="#">Deliver</a> <a href="#">whitelist</a> <a href="#">Delete</a> |

**BARRACUDA NETWORKS SPAM FIREWALL 300** Log Off cmiller@oxford.k12.pa.us English

**QUARANTINE INBOX PREFERENCES**

Whitelist/Blacklist Quarantine Settings Spam Settings Password

Allowed Email Addresses and Domains (Whitelist)

| Email Address                     | Bulk Edit                |
|-----------------------------------|--------------------------|
| <input type="text"/>              | Add                      |
| CustomerSupport@commsolutions.com | <input type="checkbox"/> |
| david.wible@trox.com              | <input type="checkbox"/> |
| dispatch@commsolutions.com        | <input type="checkbox"/> |
| djablonski@commsolutions.com      | <input type="checkbox"/> |
| dlauretti@cdiemail.com            | <input type="checkbox"/> |
| dmp_mgp@comcast.net               | <input type="checkbox"/> |
| MKelly@nwnit.com                  | <input type="checkbox"/> |
| moodle@cciu.org                   | <input type="checkbox"/> |
| paul@paulhyde.net                 | <input type="checkbox"/> |
| paulhyde@udel.edu                 | <input type="checkbox"/> |
| tsupper@commsolutions.com         | <input type="checkbox"/> |
| yourdetails@pandasecurity.com     | <input type="checkbox"/> |

Email sent from addresses entered here will not be analyzed for spam, but will be scanned for viruses.

Blocked Email Addresses and Domains (Blacklist)

| Email Address        | Bulk Edit |
|----------------------|-----------|
| <input type="text"/> | Add       |

Email sent from addresses entered here will always be blocked.

**BARRACUDA NETWORKS SPAM FIREWALL 300** Log Off cmiller@oxford.k12.pa.us English

**QUARANTINE INBOX PREFERENCES**

Whitelist/Blacklist Quarantine Settings Spam Settings Password

Quarantine Enable/Disable Save Changes ?

Enable Quarantine:  Yes  No

If No, messages that would ordinarily be quarantined will instead be delivered to your mailbox with an identifier (ex. [QUARANTINE]) prepended to the subject line. **Recommended:** Yes

Quarantine Notification Save Changes ?

Notification Interval:  Daily  Weekly  Never

Determines how often you receive an email summary of the messages that are quarantined. **Recommended:** Daily

Notification Address:

Set the email address that will receive quarantine notifications for this account. **Default:** cmiller@oxford.k12.pa.us

Default Language Save Changes ?

Default Language: English (iso-8859-1)

Sets the default quarantine message language. Also sets the default encoding for handling unknown character sets during filtering.

**Note:** All email notifications from the Barracuda will be in UTF8 encoding.

# Oxford Technology 2009-2010

**Thank You**

A stylized silhouette of a mountain range in a darker teal color, located at the bottom right of the slide.