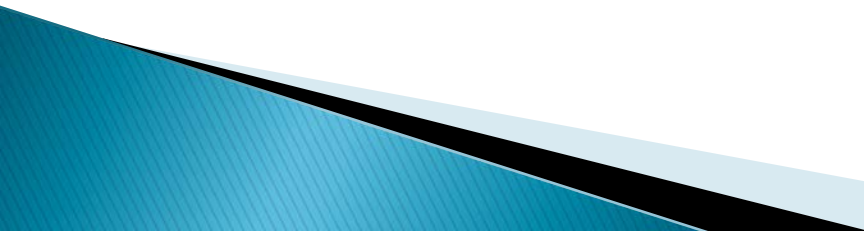# Borough of State College
(formerly the Regional Technology Coalition)

STATE COLLEGE, PA

- We are based out of State College, PA and we provide IT support to local municipalities/local government entities.
  - Borough of State College, Centre Area Transportation Authority (CATA), Centre Region Council of Governments, Patton Township & College Township.

- IT STAFF: 8 FTEs
  - Chief Technology Officer
  - Business Analyst
  - 2 Systems Administrator's
  - Systems Analyst
  - 2 Helpdesk/Desktop Support Specialists
  - IT Project Manager

What we are dealing with:

- Number of Computers: Over 400
- Number of Employees: 375-400
  - Almost 60 employees who connect remotely
- Variety of Equipment (Mobile devices, Police MCTs, Police video cameras, network equipment, printers, video surveillance units, etc..)
- Number of Servers: Over 70 servers
  - 16 or more are virtual servers
- 24/7 Operations

How did we get started?

- What were others doing that we could implement?
  ◦ What were we already doing?

- Plan of Action:
  ◦ Low hanging fruit
  ◦ Power Management Policies
  ◦ Annual Baseline Reporting Form

- Webinars/Research

What have we implemented/accomplished?

- In our almost 7 years in the SEC, we have:

- Grown to meet each award level from Bronze in 2009, Silver in 2010, and Gold (4 years in a row) in 2011, 2012, 2013 & 2014.
  - Come on Platinum!! ☺

- Purchasing
  - Purchasing – EPEAT gear takes precedence

- Operations
  - Education
  - Virtual Servers
  - Power Management
  - Equipment Life-Cycle

- End of Life
  - Track and Manage Asset Movement
  - Re-use (cascade) & Recycle
  - Making sure Hard drives get destroyed and then recycled (we have very sensitive data)
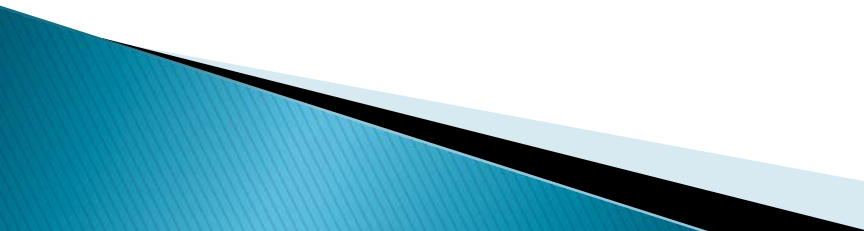
3 Levels of Program Requirements

- Purchasing
  - Purchasing Policy-requests EPEAT gear take precedence

- Operations
  - Education
  - Virtual Servers
  - Power Management
    - No screen savers
    - Printers set for duplexing
  - Equipment Life-Cycle

- End of Life
  - Track and Manage Asset Movement
  - Re-use (cascade) & Recycle
  - Making sure Hard drives get destroyed and then recycled (watching out for sensitive data)

Challenges

- Hibernation: Not all it's cracked up to be.

- Employee Objections.

- Time: Not enough in a day (short-staffed).

- Assisting different entities with a array of ideas.

How have we benefitted?

- Documented Energy Savings
  ◦ Currently have 95% of all monitors running on our power management policies
  ◦ Energy Savings: According to Energy Star you can save up to $75 or more per computer by utilizing system standby

- Awards to show our accomplishments

- Learning opportunities/seeing what others have accomplished

What else is State College doing?

- Software Solutions –
  - ERP/Paperless

- Sustainability Committee
  - http://www.statecollegepa.us/sustainability

- PC Power Management Software

- Technology Bulletin

Technology Bulletin:

Energy Saving Tips/Tricks:

Here are some things you can do at work or at home to reduce your carbon footprint:

- Use a power strip as a central "Turn Off" point to completely turn off equipment
- Unplug electronics such as cell phones and laptops once they are charged. Adapters plugged into outlets use energy even when they are not charging
- Turn off the lights when you leave a room
- Let your PC Breathe: Keep computer cooling/air vents clear of dust, paper, files and other office supplies. It takes as much as 25% more energy to deliver air if the vents are blocked
- Look for the ENERGY STAR logo when shopping for office equipment at home; including computers, monitors, fax machines and printers, etc.

The Information Technology Department has already implemented some energy-saving methods:

- Using the ENERGY STAR power management settings on your computers and monitors so they save energy when not in use
- Purchasing technology equipment that is EPEAT/ENERGY STAR compliant
- Setting the printers in the building to default to duplex printing
- Installing motion-sensor lights with automatic shutoffs in areas that are seldom occupied by personnel

Sustainability beyond electronics...

▸ ## Green Power
We buy all of our electricity from 100% wind generated power. The Borough purchased Renewable Energy Certificates (RECs) representing the generation of 5,000 megawatts of renewable energy
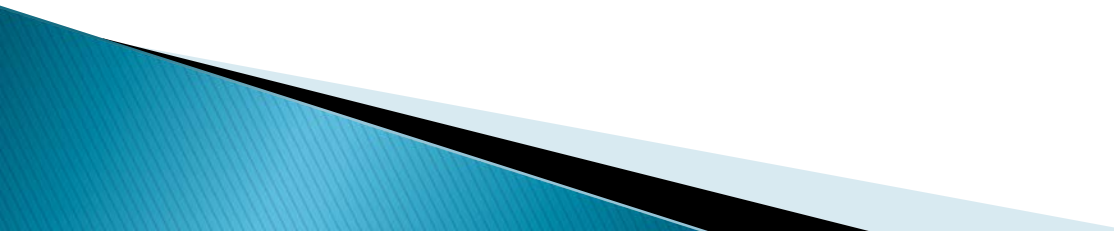
Compost Collection

Green Roof

Rain Gardens

Lessons

- Utilize other partner's expertise.

- Attend webinars.

- Record your efforts throughout the year.

- Make an effort to jump an award step the next year.

Contact Information

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