Delaware Department Of Technology & Information

Green IT

State-wide Awareness Campaign

Feb 5, 2009 IRM Council Meeting

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Largest Budget Shortfall in State History

Unlike the federal government, Delaware, by law, *must* balance its budget every year.

today –> 06/30/09: **$100 million** **shortfall**

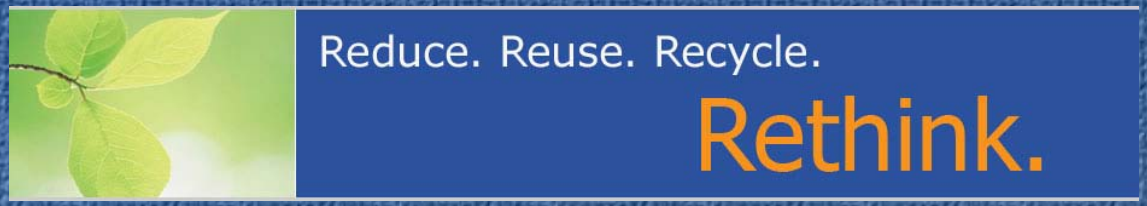
07/01/09 –> 06/30/10: **$600 million** **shortfall**

(nearly **20%** of our entire state budget)

– Governor Jack Markell
01/21/09 Inauguration Address

How can you help?

As State employees, *we can and should* do our part by conserving energy & resources.



Going Green = Cost Savings ??

While *Going Green* DOES NOT always equal cost savings, this is one opportunity where we can do both.

What is Green IT?

"Green IT", brings environmental thinking to the world of information technology.

Consider how the environment may be affected by your IT-related decisions.

Common Green IT Concepts

- Virtualization
- Recycling
- Power Management
- Reducing Print

Reduce. Reuse. Recycle.

Rethink.

Green IT Awareness Campaign

mission

…is to inform and unite everyone that receives a State of Delaware paycheck to make meaningful and lasting changes in our use of information technology (IT).

Green IT Progress to Date

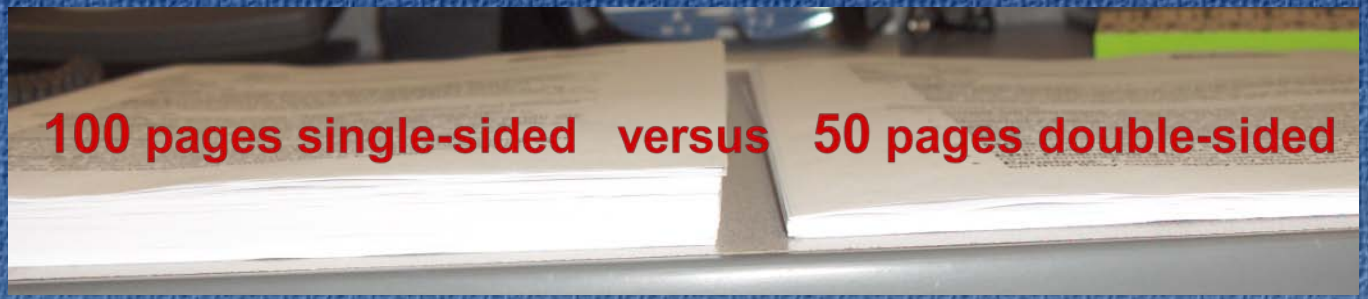
- Energy Consumption Reduced **14%**
  in DTI Dover (Wm Penn) Data Center
- DTI Paper Usage Reduced **10%**
  comparison from FY 07 to FY 08
- Virtualized **54** physical servers
  saving **$92,000** *annually* on energy costs

Energy Consumption Reduced 14%

- Adjusted temp in the Dover data center by two degrees, reducing HVAC costs
- Enabled PC Power Mgt on all DTI desktops/laptops through automatic scripts (shuts down PCs when not in use and uses less energy when not active)
- Replaced CRT monitors with LCD monitors
- Installed motion sensor light switches in common areas

Paper Consumption Reduced 10%

- "*Think Before You Print*" campaign
- Configured printers for default double-side printing
- Identified & developed applications to further eliminate/reduce paper usage



Physical Server Virtualization

- After the Virtualization of 54 physical servers, the physical boxes can be powered off, thus saving more than **$92,000 annually** on energy costs.

- For the virtualization of 300 servers, the reduction in operating costs would be **$1.2 Million**.

- Applications will continue to work as designed, the only change occurring is movement from physical hardware to virtualized servers.

Cell Phone Recycling Program

Mail your old cell phone, charger & extra batteries to:

NOTE : PERSONAL CELL PHONES FROM ANY VENDOR ARE ALSO ACCEPTED

DTI Go Green
801 Silver Lake Boulevard
Dover, Delaware 19904
SLC: D-410

How Can You Help?

- Power Management Settings
- Reducing Print
  - Think Before You Print campaign
  - Set all printers capable to default double-print print

dti.delaware.gov/greenit

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Join The Green Army Email List

JOIN THE GREEN ARMY

Delaware's Department of Technology and Information invites you to join our "Go Green - Get Green" IT Special Forces army of volunteers. The Green Army will focus on reducing energy consumption, reducing waste, and creating a more environmentally friendly computing environment. You can and will make a difference by getting involved in this important initiative.

Click on the links below to send an email to State of Delaware ListServer to subscribe/unsubscribe to the Green Army Lyris Email List.

Instructions: Clicking on a link below will bring up your email client. Leave the message & subject blank, and just hit send. You will receive a confirmation email within a day.

- Subscribe to the Green Army Email ListServe [E]
  (State of Delaware Employees ONLY)
- Unsubscribe from the Green Army Email ListServe [E]
  (State of Delaware Employees ONLY)

NOTE: The links above ([E]) are accessible only to those that are on the State of Delaware Network (Extranet).

For more information, contact us at DTI_Green_IT@state.de.us .

Share Your Success Stories

Gone Green?

Have a green success story you want to share? We want to hear!

Send your email to DTI_Green_IT@state.de.us .

Include:
- Name
- Phone Number
- Organization (agency/school district/entity)
- Green Accomplishment

In Closing…

"We face historic challenges in Delaware, but we also have an historic opportunity to chart a new course for our state toward a brighter future. It is not these challenges but how we meet them that will define us as a people. I believe that we can, and will, overcome and that our best days do indeed lie ahead."

- Governor Jack Markell
Inauguration

One person CAN make a difference…

TAKE ACTION TODAY!

"Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has."

- Margaret Mead

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