

Environmentally Preferable Purchasing of Non-Computer IT Equipment



Third Annual Federal Electronics Stewardship Conference
February 7, 2007

Cate Berard
U.S. Environmental Protection Agency

Non-Computer IT Equipment

- Imaging equipment
 - Printers
 - Copiers
 - Facsimile machines
 - Scanners
 - Multifunction devices
- Personal electronics
 - Cell phones
 - Personal Digital Assistants (PDAs)
- Audio/Visual equipment
 - Televisions
 - Projectors



Environmental Concerns

- Hazardous substances
 - Metals, flame retardants
- Indoor air quality
 - Ozone, toner dust, volatile organic compounds (VOCs)
- Energy use
- Consumables
 - Paper, toner and ink cartridges, maintenance kits



Preferred Environmental Attributes

- Reduced hazardous substances
- Increased recycled content
- Reusability and recyclability
- Energy efficient
- Reduced consumable use
- Reduced and/or reusable packaging
- Upgradeability
- End-of-life management options



Purchasing Considerations

- Select the right equipment or service
 - Consider total cost of ownership
 - Evaluate purchasing and leasing options
 - Consider service-based contracts
- Specify environmental attributes
 - Use FEC resources or EPEAT© criteria
 - Buy ENERGY STAR®
- Address operations and maintenance and end-of-life
 - Consider consumables use
 - Evaluate take-back, refurbishment/reuse, and recycling options



Future Government IT Procurement Trends

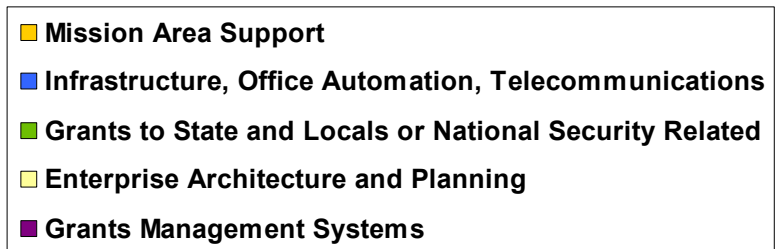
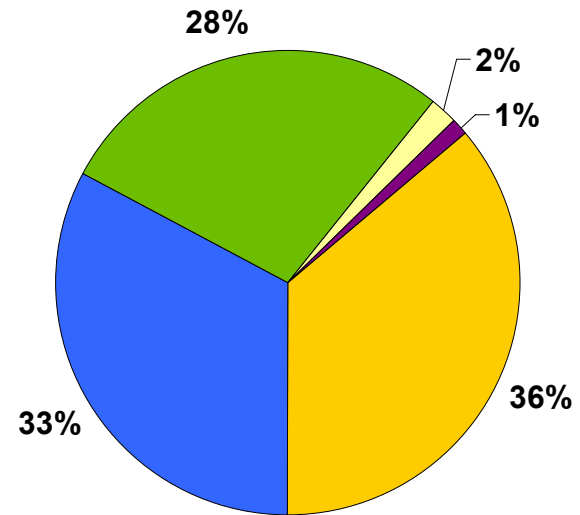


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FY2007 Federal IT Spending

- FY2007 Request: \$63.8 billion
 - 0.5% increase over FY2006
 - 9.0% for "IT Security" spending (4.5% increase)
- Similar to FY2006
 - IT spending level
 - IT spending priorities
 - IT spending portfolio



Federal IT Procurement Drivers

- President's Management Agenda
 - E-Gov Initiatives
 - Federal Enterprise Architecture
 - 2006 Line of Business: IT Infrastructure
- Federal Strategic Sourcing Initiative
- EPEAT
 - Executive Order 13243
 - FAR Case
- IT Budgets



Federal IT Trends

- IT hardware security, disaster recovery
- IT infrastructure consolidation and optimization
 - Server, desktop and laptop consolidation
 - Imaging equipment consolidation
- Transition from products to services
- SmartBUY (software)



Resources

- FEC Acquisition & Procurement Resources

<http://www.federalelectronicschallenge.net/resources/aquisit.htm>

- E-Gov

<http://www.whitehouse.gov/omb/egov/>

- SmartBUY

<http://www.gsa.gov/smartbuy/>



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