



# Technology in a Tight Budget Environment: Doing Different with Less

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# Agenda

- Introduction
- Learning Outcomes
- Strategies
- In Summary
- Q & A



# Introduction

- Budgets are flat
- IT service costs increase each year
- It's not 'business as usual'
- Need to find ways to deliver and support differently



# Learning Outcomes

*Attendees will gain valuable insights into supporting technology services in a tight budget climate*

- Doing different - *not more* - with less
- Using creativity and collaboration to achieve efficiencies and provide new services
- Reducing costs without impacting services



# Strategies: Hardware/Software

- Virtualization
  - Reduce servers needed through virtualizing services: Domain Controller's, all non-production servers
  - Reduce data center footprint, cooling requirements, and power consumption
- SSL Certificate services
  - InCommon provides flat-fee certificate subscription service
  - \$2K savings per year for CCC
- Hardware Lifecycle Refresh
  - Move from 3 year to 4-5 year
- Consolidation
  - Look for ways to consolidate servers, i.e. database or web
  - Look for ways to consolidate services, i.e. duplicate products



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# Strategies:

## Support and Maintenance

- Audit contracts for savings
  - Are you using all of the services/products you pay for?
  - Audit College provided cell phones
- Reduce unnecessary support
  - CISCO SmartNet: reducing non-critical to next business day
  - Purchase spares and reducing support
- Consolidate contracts/services
  - Reduce telephone contracts
  - Re-bid support contracts



# Strategies: Fiscal

- Contingency-based telecom audit
  - Typical 10-15% of total yearly telecom budget in savings/refunds
  - Fees are typically 25%-50% of savings/refunds
- Financing/Leasing options
  - Finance hardware: spread payments to eliminate large budget spikes
  - Hardware lifecycle
  - Replace equipment in phases
- Nightly power down of computers



# Strategies: Fiscal (cont'd)

- Printing strategies
- Grants
  - Apply for grant to provide new or enhance existing services (example: USDA DLT grant)
- Technology fee
  - Use to purchase/refresh student facing technology
- Document imaging
  - Reduce paper and storage costs



# Strategies: Collaboration

- Collaboration/partnerships
  - ACCTO
  - Example: sharing code with AZ Community Colleges for state-wide initiatives, e.g. SUN, SFSF
  - Example: CCC partnership with Northern Arizona University for surplus equipment
- Share resources
  - Library services for students
  - Use Shibboleth for credentials integration



# Strategies:

## Outsourcing/Cloud Services

- Cost Benefit Analysis
  - HelpDesk services
  - LMS Hosted services
- Support for certain services, e.g., Telecom, Network, or Database Administrator
- Email to the cloud



# In Summary

- Many different strategies
  - HW/SW
  - Support & Maintenance
  - Fiscal
  - Collaboration
  - Outsourcing/Cloud Services
- Be creative
- Look to build partnerships
- Consortiums can work
- Streamline IT operations
- Cut waste, be more efficient



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# Questions