



# Data Center Consolidation in Montana

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# State of Montana Data Center (SMDC)

- Funded in 2007 legislature
- Completed in 2010
- Agencies not required to locate in SMDC
- New rate structure and service catalog
- Cost is relatively the same for hosted services
- Cost is relatively high for rack space

# IT Managers Weigh In On Consolidation

- IT Managers Council (ITMC) formed working group in June, 2010 and published report in December, 2010
- The primary goal was to identify opportunities with new state data centers that include:
  - Economies of scale
  - Disaster Recovery
  - Monitoring capacity
  - Taking advantage of virtualization technology
  - 24x7 virtualized monitoring
  - Green Benefits

# Consolidation Objectives

- Reduce IT costs and provide enhanced IT Services.
- Reduce IT infrastructure costs
- Reduce energy costs
- Reduce complexity and administrative overhead
- Improve the security, disaster recovery and continuity of operations for all state agencies.
- Provide an estimate of cost savings as a result of SMDC migration for each state-provided service.

# Study Findings

In NASCIO's 2010 survey, 62% of states responded that consolidation was underway in some form with another 14% stating they had completed consolidation initiatives.

Factors driving consolidation were:

- Improve disaster recovery/ business continuity
- Eliminate replication, redundancy and fault tolerance
- Cost Control – reducing agency data centers, equipment, and operational costs
- Energy Efficiency
- Strengthen IT security
- Access to new technologies for all agencies
- Aging state facilities

# ITMC Recommendations

- Phased approach to data center consolidation
  - Bring on first group of agencies to SMDC
  - Refine the cost and budget models
  - Define cloud or other options

# QUESTIONS?