

Information Technology Modernization

State Information Technology - HB 2331

Glen Yancey
Chief Information Officer
Kansas Department of Health and
Environment

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State Information Technology Today

- State Information Technology exists today as technology islands with little or no integration across agencies
 - Multiple Data Centers
 - Separate Server Infrastructure
 - Separate Firewall and Security Management
 - Little sharing of technical expertise at enterprise level
 - No opportunity for staff resource portability
- Risks of “As Is”
 - Aging Infrastructure
 - No Enterprise failover strategy
 - No Enterprise Disaster Recovery Strategy
 - Data Centers that do not meet modern requirements
 - The entire State network assumes all the risks created by each and every agency installation
 - Staff Turnover and skills drain
- Operating Costs for “As Is”
 - Duplicate Operating costs for each data center
 - Duplicate resources required to manage each data center
 - Duplicate technical infrastructure
 - Professional mentoring restricted by agency boundaries
 - Skill and resource sharing limited
 - Duplicate skills and resources required
 - No performance leveling or technical resource sharing across agencies
 - Little funding sharing for failover or DR risk reduction efforts



Response to Current State

- Doing Nothing is not an option!
- Option 1:
 - Invest in outdated Technology Islands
 - Continue to spend extra \$\$ to maintain multiple Data Centers
 - Continue to pay for duplicate staff resources
 - Fail to develop enterprise technical mentoring capabilities
 - Limit the ability to share technical resources and capabilities between agencies
 - Continue to assume risks at the enterprise for each agency's ability to manage security
 - Require agency's to build their own DR and failover strategies without enterprise scalability
 - Require agencies to build infrastructure to their highest possible utilization
 - Continue to operate using a Capital Expense model that funds to the highest need all the time
 - Pay more to assume the most risk
- Option 2:
 - Implement the recommendation of three separate studies
 - Consolidate technical and resource infrastructure
 - Implement enterprise security to reduce risks for entire State
 - Implement enterprise failover and Disaster Recovery strategy
 - Share costs across the enterprise economies of scale
 - Right Source technology expertise to focus State resources on what we do best and utilize state-of-the art vendor capabilities
 - Implement enterprise resource allocation and sharing
 - Implement enterprise technical mentoring
 - Convert to an Operating Expense model where we only pay for what we are using not for what we might need.
 - Pay less to reduce risk

