
Disaster Preparedness

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Trevor Timmons - Colorado

How Did We Get Here?

- Realization of Need
- Senior Leadership Support
- You Have:
 - Gear OR
 - Arrangements for Rapid Stand-up
- Critical, Essential, What is Left
- DR Plan and Process

Now What?

- You need a HOME!
- Physical versus Virtual
- Hot, Warm, Cold?
- Individually or With Partners

Shared Service/Partnering

- Know all your Options
 - Individual
 - Close Public Sector
 - Near & Far Public Sector
 - Private Sector

Close Public Sector

- State Technology Organization
- Peer State Agencies

Near & Far Public Sector

- Other Levels of Government
 - County (or Parish or Borough)
 - Municipal
- Peer Entities
 - Courts/Judicial
 - Legislative
 - Large Education Districts
 - Higher Education
 - Health Organizations

Public Sector – Pros

- Similar Issues
- Understanding of Your Needs (perhaps)
- May be Flexible With Changes

Public Sector - Cons

- Governance
- Prioritization of Effort
 - I call this the “Public Safety” effect
- Accountability
- Control

Private Sector

- Private Partners
 - Many, Many Options
 - White Bread to White Glove
 - May be Very Resilient (or not)

Private Sector Pros

- A la Carte Approach
- Experience
- Mostly Commoditized
- Service Guarantees & Penalties
- One Stop Shopping
- Control

Private Sector - Cons

- Expensive
- Shared Service Pricing is Probably Built-in
- Contract-driven: Flexible within Boundaries

Colorado's Approach

- Public/Private Partnership
- Open to all State Entities and (now) Local Government
- Established in 2006
- Management by SOS and (now) State IT Agency

Colorado's Approach (cont'd)

- Initially Tied to DR/COB
- Moving to DR and Production Use
- Costs:
 - Initially borne only by our agency, 255 rack units
 - Moved to a “billing for usage” model based on rack space
 - At 50% capacity: \$17,800/yr., \$1,483/mo.
 - At 100% capacity: \$8,900/yr., \$ 742/mo.

Resources

- ISO/IEC 24762:2008: *Guidelines for Information and Communications Technology Disaster Recovery Services*
 - ISO/IEC 27031:2011: *Guidelines for Information and Communication Technology Readiness for Business Continuity*
 - ITIL: *IT Service Continuity Management (ITSCM)*
 - NIST 800-34: *Contingency Planning Guide for IT Systems*
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Thank You!

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