

# CTS Disaster Recovery Initiative

## Background

- CTS has two *primary* DR locations:
  - Mainframe DR currently with SunGard in Pennsylvania.
  - CTS and several other agencies have DR infrastructure with Tier Point near Spokane. There is a master contract with TierPoint, but each agency has a separate Statement of Work that defines the services provided.
  - CTS also has some distributed infrastructure at our Spokane node site that would be used for DR, but it is not considered to be a primary DR location.
- Master contract with TierPoint expires March 2014
  - The master contract cannot be extended again. However, the contract allows individual statements of work to extend up to one year beyond expiration of the contract.
- CTS launched an initiative to explore alternatives for a DR facility
  - Team assembled to identify requirements and site selection criteria (industry standards)
  - Gathered requirements from current DR customers
  - Contacted other government entities to explore options for sharing space
  - Assessed alternatives

## Findings

- Eastern Washington is the most practical location. Other locations outside of WA are either not accessible enough or do not meet site selection requirements, such as seismic stability.
- No other government-owned facilities in Eastern Washington could meet the requirements. Yakima County, Union Gap (DOL) and Eastern University were close, but either did not have room for expansion or did not meet network or redundancy requirements.
- The CTS node site in Spokane is not a suitable long term DR facility.

## Recommendations

- CTS should conduct a procurement for commercial data center space in Eastern Washington.
- To provide time for procurement, CTS should enter into a new Statement of Work that will extend the CTS presence at TierPoint until March 2015. **(In progress)**
- Other agencies using TierPoint should also consider extending their statements of work.

## Next Steps

- Assign a project lead and formalize the project

## **Establish CTS DR strategy and service models**

- Mainframes
  - VTL, Avamar (eliminate physical tape)
  - Possibly move IBM mainframe DR services to new CTS facility
- Servers
  - Cloud DR options (customer provisioned)
- Storage
  - Replication to DR site
- Security
  - Firewalls
  - Gateways
- Networks
  - Infrastructure
  - AD, DNS, etc.