



Consolidated Technology Services • WA

Agenda

SDC Projects Steering Committee

December 19, 2012
1:00 pm to 2:00 pm
Conference Room 2208

- SDC Projects Updates
 - NWC (status of NIP, NRFU, and 1/5 & 1/12 moves)
 - Security (upcoming data mapping exercise)
 - Storage (status of VMAX readiness)
 - Move Ph1 (status of server move schedule, performance test planning)
 - Cloud Utility
- Customer Meeting
 - Follow-up from Dec 11th meeting
 - Questions asked
 - Planning for Jan meeting
- Design Decisions
- Heat Reduction Final Report (no comments received)

Next Meeting: January 2, 2012



Consolidated Technology Services • WA

Meeting Minutes

**State Data Center Projects
Steering Committee
December 19, 2012
1500 Jefferson, Rm 2208**

Steering Committee Attendees: Dan Mercer, Doug Hieronymus, Dan Davis, Bruce Shurtz, Heidi Brownell, Lance Calisch, Wendy Huff, Christy Ridout, Kay Metsker, Phil Davis, Gordon Ice, Jeff Matheney **Not present:** Agnes Kirk, Debbie Kendall

Other Attendees: Rick Cook, Toni Backstrom

ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
SDC Projects Reports	<p>Network Core:</p> <ul style="list-style-type: none"> 90% done and on track to complete a week early. Cisco is onsite to complete certification. The M6 and CRSs are scheduled to move the first two weekends in January. <p>Security:</p> <ul style="list-style-type: none"> Working on infrastructure configuration/testing. Cisco was able to test while onsite this week. Moving along more quickly than planned. The next step will be to complete data flow mapping. <p>Storage:</p> <ul style="list-style-type: none"> VMAX arrived on time and the factory configuration loaded. Working with Presidio on acceptance criteria. <p>CTS Move Phase 1:</p> <ul style="list-style-type: none"> Rick will send out the project charter for feedback. Server Moves: Refining server move plan. Weekly meetings starting in January with tech staff to plan and execute moves. The team drafted criteria for which servers will move as is and which servers will move directly into the cloud. Security Moves: Citrix will be the first system to move. LTS: The team just completed the PBX upgrade. Work is underway for the WAN Carrier build out. <p>Cloud Utility:</p> <ul style="list-style-type: none"> Reviewing strategy with exec management.
Performance Testing	<ul style="list-style-type: none"> Held a kickoff meeting last week to look at what testing we can do with current resources and tools. Develop template to capture measures and baselines using benchmark test scenarios with different groups. To test 10 GB throughput our existing tool would need to be upgraded (~\$150k). Bruce will look into it. Dan agreed the cost would come out of 1153.
Design Decisions	<ul style="list-style-type: none"> Upcoming reviews include Load balancing and FCoE.



ISSUES AND/OR DISCUSSION	
Agenda Topic	Discussion
Customer Meeting Dec.11th	<ul style="list-style-type: none"> • Approx. sixty people (present or conferenced in) attended the meeting. • Dan shared the current strategy and how it differs from the initial strategy. • Heidi shared the questions that were asked and will go into FAQ: <ul style="list-style-type: none"> ○ Costs ○ Migrations ○ Security ○ Storage ○ Misc.
Heat Reduction	<ul style="list-style-type: none"> • No comments were received... will mark as final.
Discussion	<ul style="list-style-type: none"> • Due to construction, the SDC has been off limits to staff wanting a tour. Doug would like to schedule tours for executive management and staff. • Christy wants pro-active communication to remind her about any cutovers happening. Wants heightened awareness internally and externally.

The [meeting presentation](#) can be found on the project's [SharePoint](#) site.

1. New Action Items

Item	Action Item	Assignee	Target Due Date	Comments
1				
2				

2. Upcoming Meetings

Meeting	Details
Next Meeting	January 16, 2013, 1:00-2:00, Room 2208

SDC Steering Committee Meeting

December 19, 2012



Agenda

- SDC Projects Updates
- Update on Customer Meeting
- Design Decisions
- Heat Reduction Final Report



SDC Projects Updates

- **NWC**
 - NIP complete, NRFU underway, M6 & CRSs moving 1/5 and 1/12
- **Security**
 - Install/config underway, data mapping pending
- **Storage**
 - Cisco performing NIP, NRFU pending January
- **Move Ph1**
 - Detailed planning next 90 days, performance test planning underway
- **Cloud Utility**
 - Determining next steps



Customer Meeting

- History
- SDC Overview
- Changing Conditions and Strategies
- New Direction
- Comparing Original and Revised Strategies
- SDC Data Hall 1 Space Plan
- Summary



Changing Conditions & Strategies

NEW *Direction:*

- *Agencies continue to virtualize and take advantage of public cloud computing where appropriate*
- *Move to the SDC only when it makes good business sense to do so, e.g. major equipment refresh*
- *Move to the SDC only when ready to consolidate to shared infrastructure, i.e. network, firewalls, storage, servers (private cloud)*

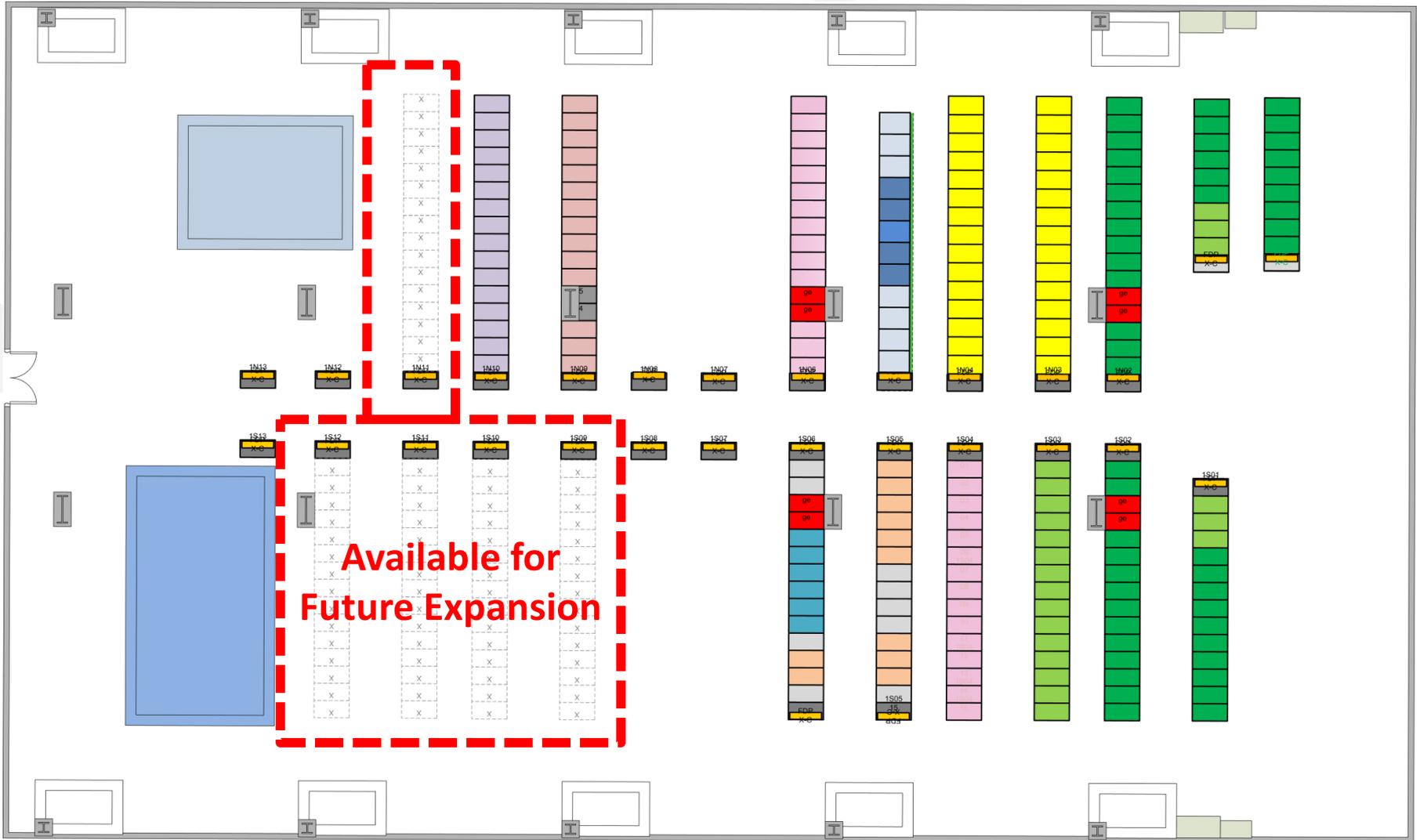


Revised Strategies

ORIGINAL STRATEGY	REVISED STRATEGY
Consolidate all Thurston County data centers to SDC; scheduled moves of existing equipment (a.k.a. “come as you are”)	Individual agency’s business case; move when ready to consolidate to SDC shared infrastructure
Move OB2 data center to SDC and restore to office space, as quickly as possible	Maintain OB2 data center long term; move what is necessary to relieve cooling problems in OB2 data center
SDC data hall 1 for CTS services and other high-security infrastructure; data hall 2 for ‘A la Carte’ and other co-location	Data hall 1 for CTS services including consolidated infrastructure; ‘A la Carte’ remains in OB2; lease out data hall 2
SDC Cloud Utility to provide “landing pad” for servers and a migration path to infrastructure consolidation	Cloud Utility Service is platform for infrastructure consolidation - maximize space and resources in SDC data hall 1



SDC Data Hall 1 Space Plan (12,500 sq. ft.)



Available for
Future Expansion



The IT partner of choice for agencies in Washington state

Summary

- SDC is most secure and efficient data center in Washington State Government
- Data Center consolidation is still a state goal – SDC is still a cornerstone of that strategy
- Approach has changed: No longer “come as you are” move strategy. Agencies move when it makes business sense to consolidate to SDC shared infrastructure (Data Hall 1 only)
- OB2 will remain in service for À la Carte. However, customers should work with CTS to identify requirements and discuss future alternatives, including CTS hosted solutions in the SDC.
- CTS Cloud Utility Service is the platform for consolidation



The IT partner of choice for agencies in Washington state

Customer Questions

- Costs:
 - Is CTS still responsible for the infrastructure and security in OB2, including backups?
 - If migrations are not imminent, when will agencies stop paying the quarterly per server fees for moving to the SDC?
 - Where has the money gone that we were charged for moving servers?
 - Will the charges continue?
 - What is the cost structure for the SDC?



Customer Questions

- Migrations:
 - Are there plans to move A la Carte?
 - What is the migration impact to the services I am using?
 - How will new customer requests impact migrations for existing customers?



Customer Questions

- Security:
 - Is the model for using agency firewalls changing?
 - Whose firewalls are moving first?
 - Will you use open source or Cisco?
 - What is the delegated administrative model?



Customer Questions

- Storage:
 - What does a “customer portal” mean?
 - Do the storage conversations only apply to existing customers?
 - What data networks are supported by storage solution?
 - Do you need to be in the SDC to use the storage solution?
 - What does tiered performance mean?



Customer Questions

- Miscellaneous:
 - If you aren't having A la Carte, how can you migrate WSP in?
 - Should I be concerned about my agencies security if WSP is in?
 - How will you address all of the cross project/team dependencies?
 - Should we call service desk with inquiries?



Design Decisions

- Recently Approved
 - N/A
- Pending Signature
 - N/A
- Upcoming Reviews
 - SDC-013 Load Balancing Options in the SDC for CTS applications (currently doing research)
 - SDC-036 FCoE Storage/Ethernet Converged Networking within the SDC (currently being vetted)
 - SDC-038 Storage Switch Ownership
 - SDC-039 Cloud Hosting Criteria (just starting)



Heat Reduction Final Report

No comments received



Questions

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