



AGENDA

Consolidated Technology Services • WA

State Data Center Agency Implementation Coordinator Meeting

July 25, 2013

2:00 – 3:00 p.m.

Attendees: SDC Project Staff and Agency Implementation Coordinators

Time	Topic	Presenter
2:00 – 2:05	Welcome & Introductions	Steve Lovaas
2:05 – 2:15	SDC Projects Overview	Heidi Brownell
2:15 – 2:35	Customer Migration Projects	Steve Lovaas
2:35 – 2:45	Customer Communications	Steve Lovaas
2:45 – 3:00	Q&A	Open Discussion
3:00 p.m. (NLT)	Adjourn	

Additional Instructions:

- **Meeting Location -** 1500 Jefferson Building [[PDF Map](#) or [Mapped with Google](#)]
Conference Room 2208

State Data Center (SDC) *Agency Implementation Coordinator Meeting*

July 25, 2013



Agenda

- Welcome – Introductions/Review Agenda
- SDC Projects Overview
- Update on Customer Migration Projects
 - Firewall
 - CTS Move Phase 1
- Customer Communications Update
- Q&A

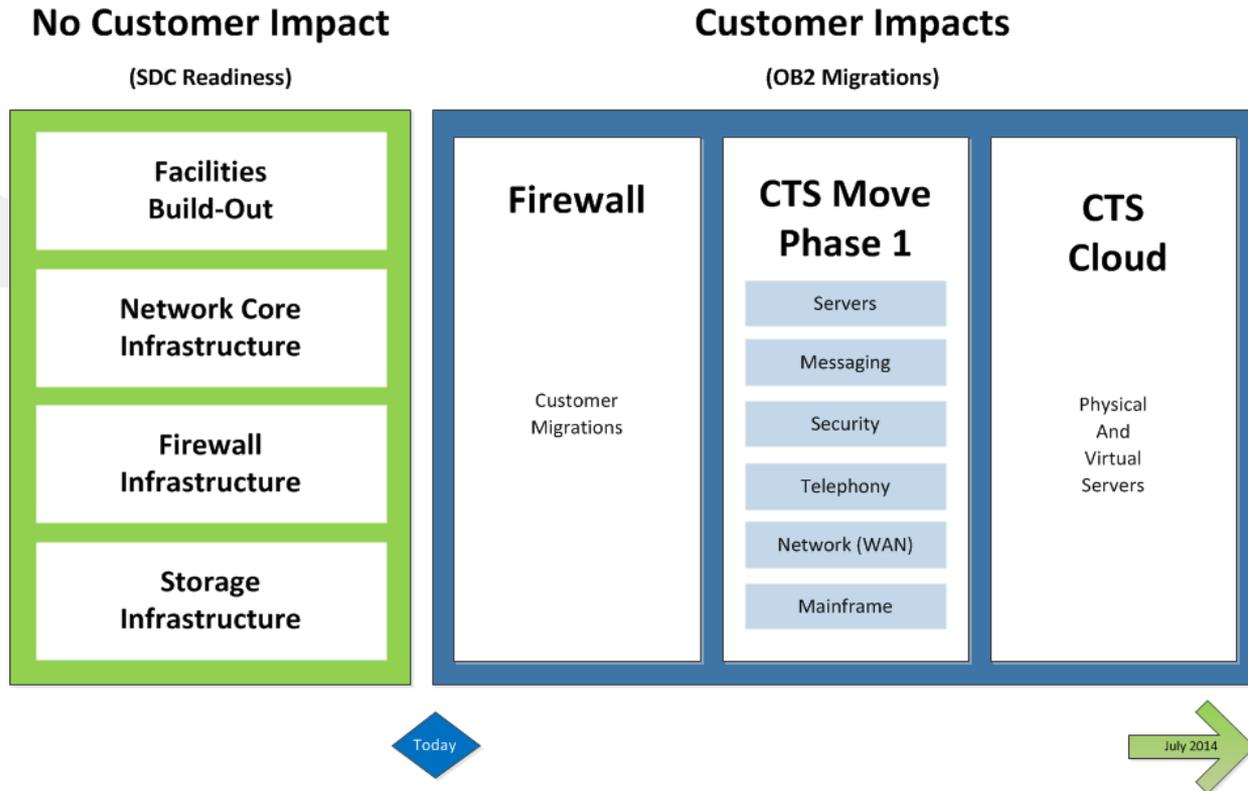


SDC Projects



SDC Projects Underway

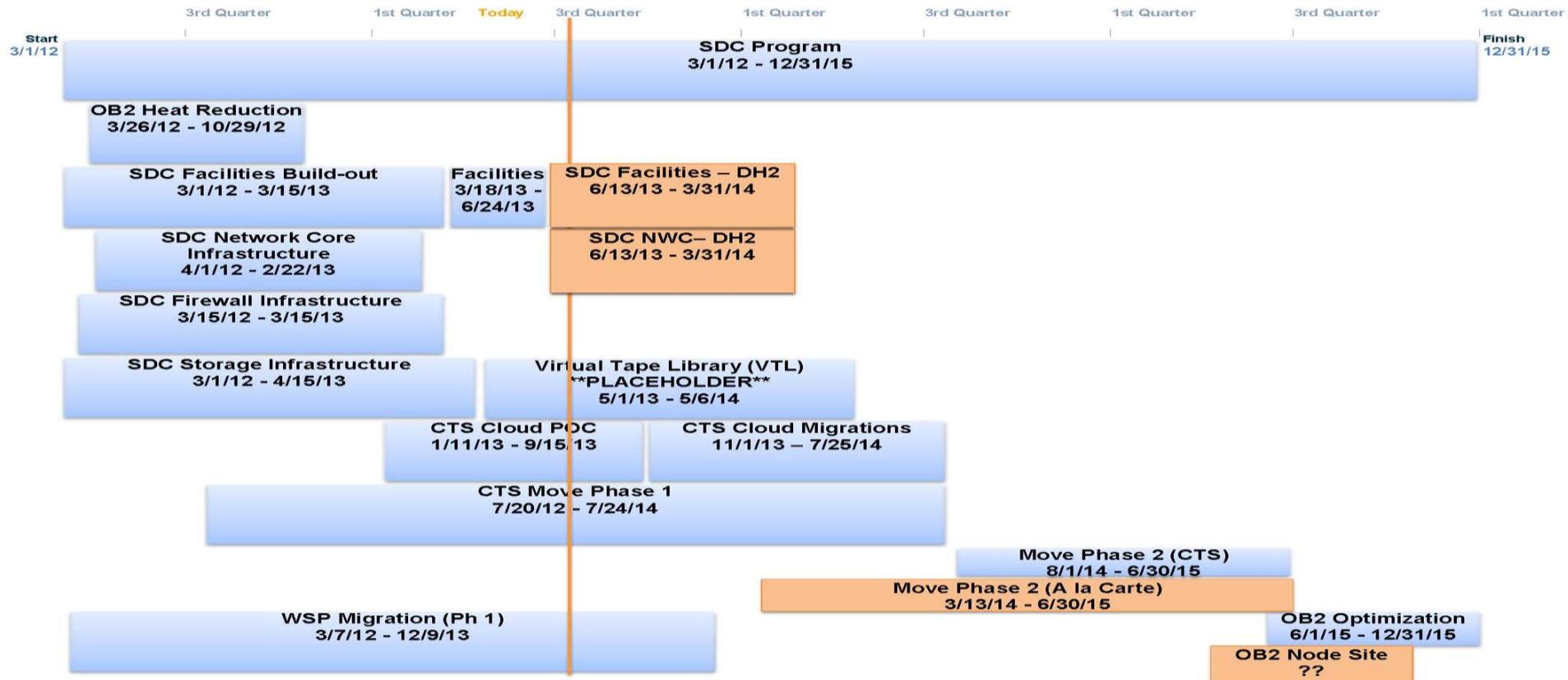
SDC Readiness and OB2 Migrations



SDC Projects Timeline

There are 12 SDC related projects focused on preparing the SDC and migrating systems.

SDC Projects



*This view was created using the Microsoft Project schedule timeline.

SDC Firewall Project



Firewall Migrations

CTS originally identified 95 firewalls to be migrated from OB2 to SDC between March 2013 – September 2014. After analysis of future need, many firewalls have been decommissioned.

Recent:

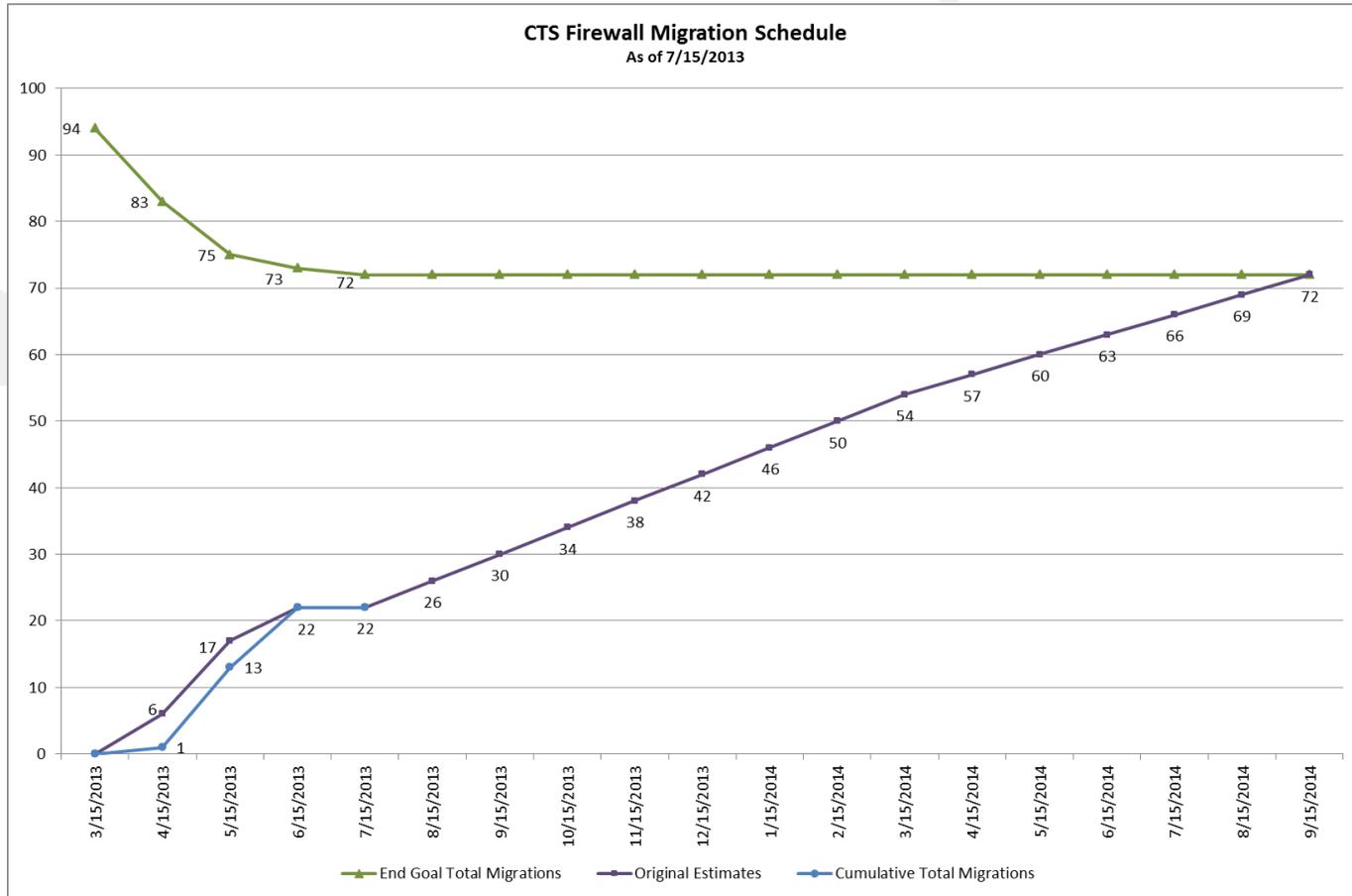
- Completed one firewall decommission
- Met with customers to discuss business partner firewall migrations
- Met with customers to discuss border firewall migration
- Met with customers to discuss complex security MPLS connector migrations

Upcoming:

- Continue scheduling the complex security MPLS connector migrations
- Prepare for PGN VRF migration on 8/21
- Continue data mapping exercises



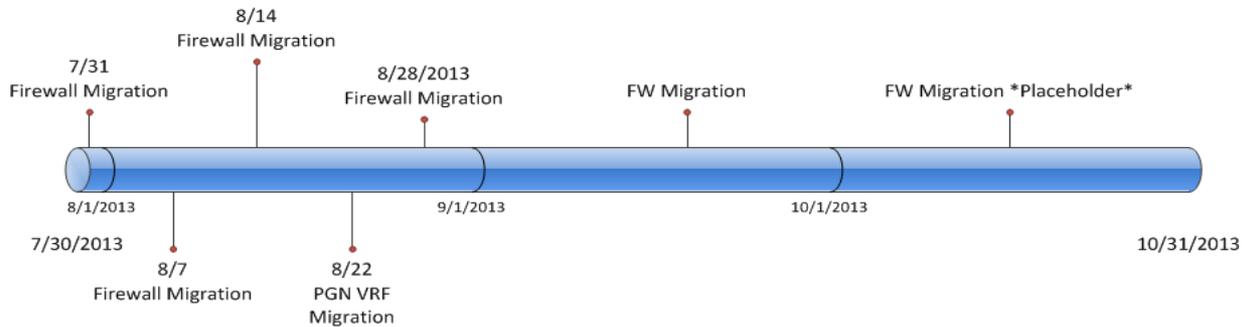
Firewall Migrations



The IT partner of choice for agencies in Washington state

Firewall Migrations – Next 90 Days

Firewall 90-day Activity Pipeline



Customer Expectations

- Customers will be contacted at least six weeks prior to the target move date to set the schedule.
- Customer approves schedule, establishes test scenarios, performance benchmarks and prepares for move (see Readiness Guide when published).
- Customer Coordination continues through entire move cycle.
- Customer gives final acceptance of move completion.

Project Phases

- **Base Ready:** 2/1/13
- **Customer Firewall Migrations:** Begins April 2013- TBD
- **MPLS Connector (Complex) Agencies:** DRS, OIC, LOT, LSC, DOT, HCA, DES, DFI, LCB, WSIP, DOH, DOC, TRE
- **PGN VRF:** Multiple agencies



Border Firewall Migration

We have been working directly with customers to identify possible migration dates.

There are many business impacts to consider when choosing the border firewall migration date. We appreciate the support of our customers in working with us to identify the best time for the migration.



Border Firewall Migration

The Border firewall is the egress point for all SGN traffic to the internet & PGN. Access that WILL be impacted for egress from the SGN:

- Internet access
- DNS look ups
- PGN hosted applications

Internet access to some agency services that **MAY** be affected:

- Agencies that are authoritative for their DNS zone
- host their own remote access environment without coming through a CTS reverse proxy i.e. Fortress
- host their own exchange environment and require inbound SMTP traffic through the Border firewall
- Agency legacy services that aren't accessed through a CTS reverse proxy i.e. Fortress, SAW, Transact



Border Firewall Migration

Services **NOT** affected with this move would be Internet access to the following:

- SAW, Fortress, Transact
- Shared exchange inbound SMTP and outbound SMTP as well as Outlook mobile access
- Shared Web Hosting DMZ
- Access Washington
- PGN and PGN VRF access
- External DNS resolution
- CTS remote access services i.e. Citrix, Juniper SSL VPN, Client IPsec, Branch office VPN, site to site VPN



CTS Move Phase 1



CTS Move Phase 1 - Scope

In Scope:

- Moving CTS owned and managed equipment from OB2 to the SDC
- 100+ physical servers and 340+ virtual servers
- IBM and Unisys mainframes
- Other telecommunications and security gear

Out of Scope:

- Customer owned equipment (e.g. A la Carte 1, 2 & 3)

CTS Move Phase 1

CTS Servers

Messaging

Security

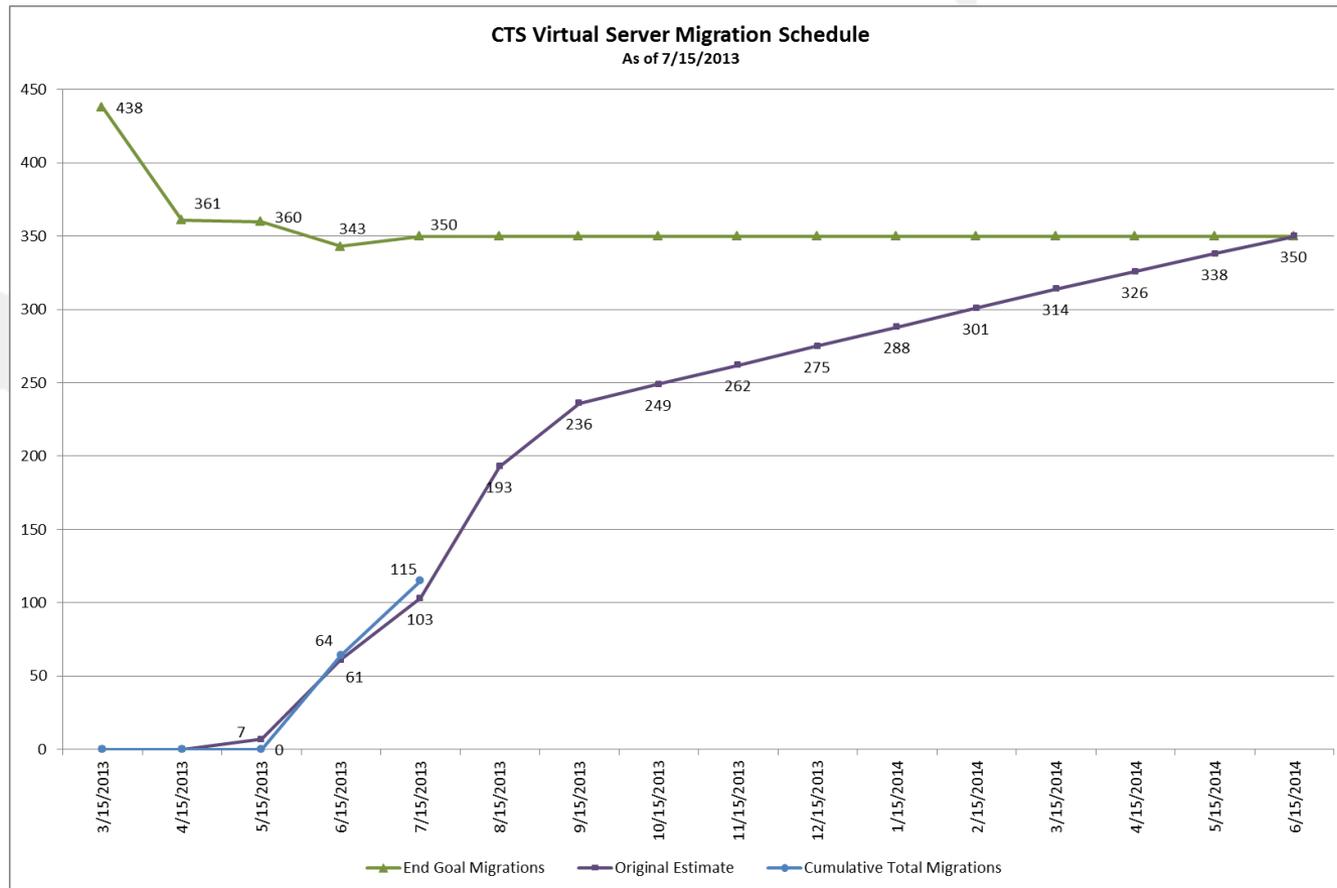
Telephony

Network (WAN)

Mainframe

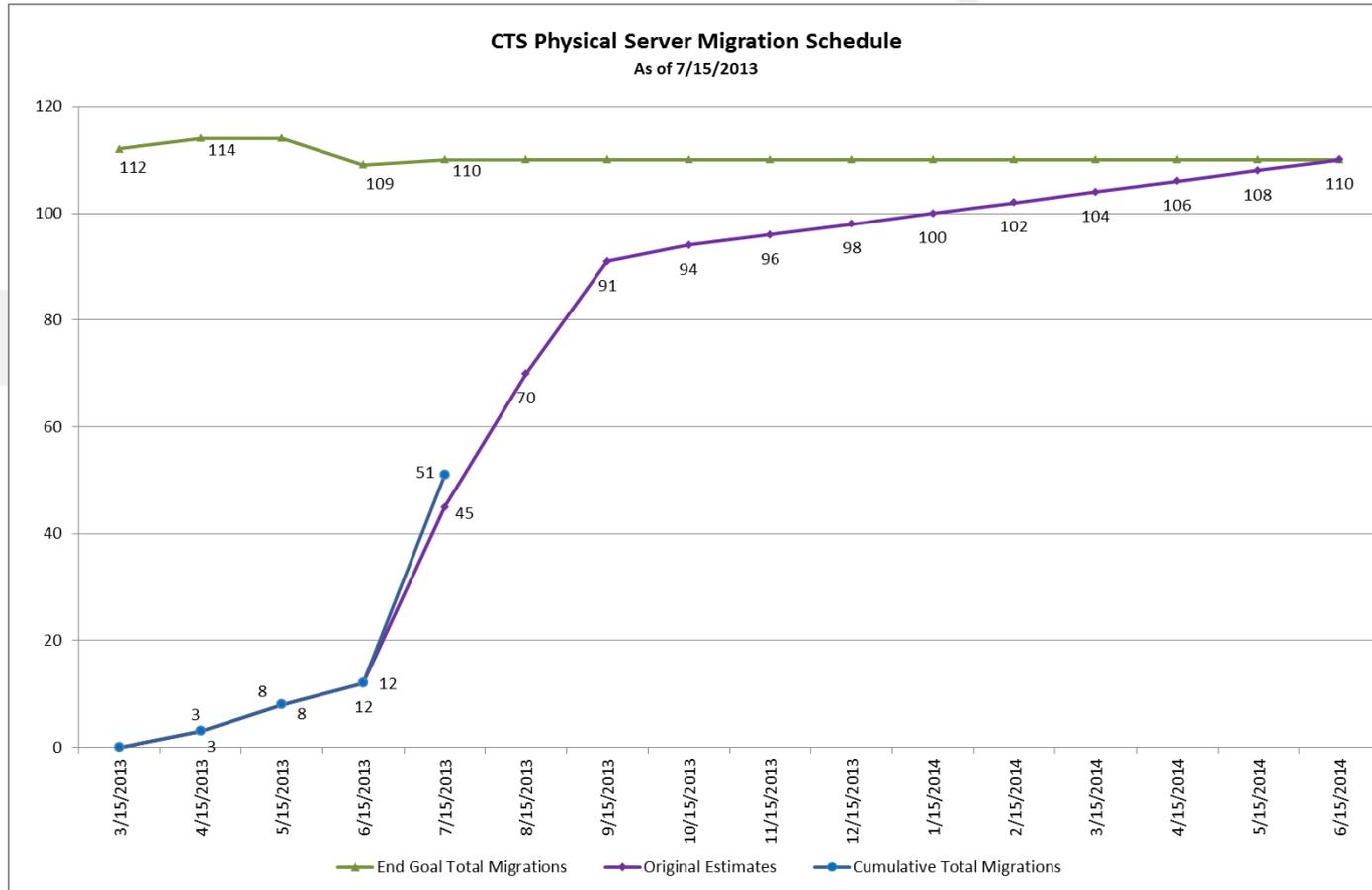


Virtual Server Moves



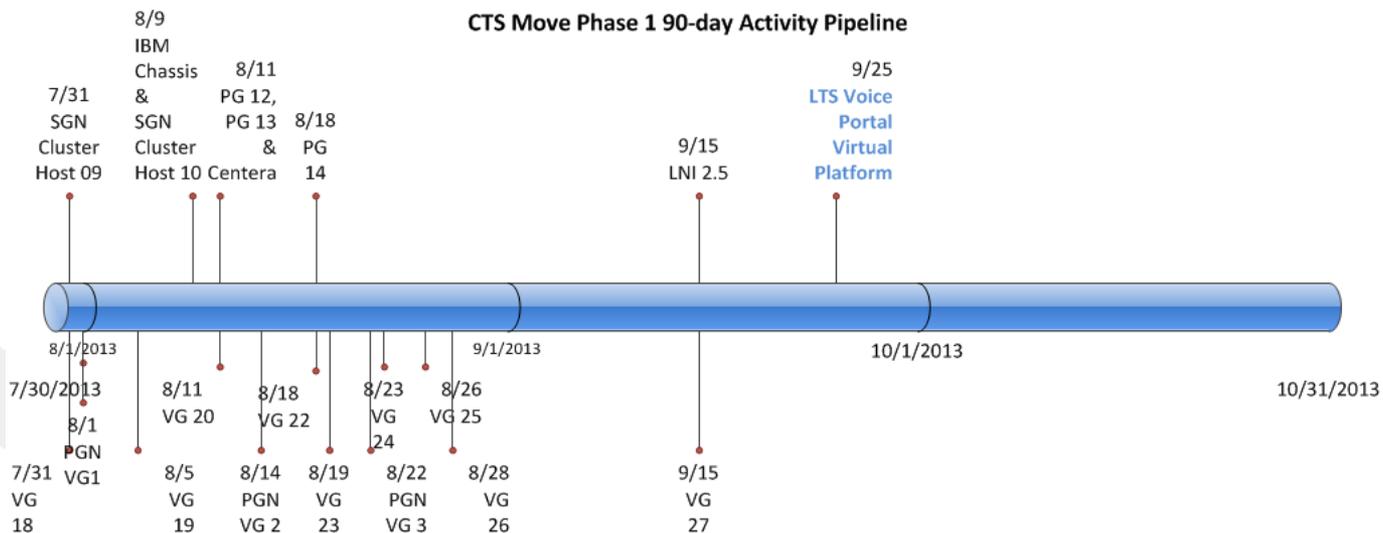
The IT partner of choice for agencies in Washington state

Physical Server Moves



The IT partner of choice for agencies in Washington state

CTS Move Phase 1 – Next 90 Days



Customer Expectations

- Customers will be contacted at least six weeks prior to the target move date to set the schedule.
- Customer approves schedule, establishes test scenarios, performance benchmarks and prepares for move (see Readiness Guide when published).
- Customer Coordination continues through entire move cycle.
- Customer gives final acceptance of move completion.

Customer Moves

- PG 12: LNI 1.5
- PG 13: Exchange WDC, Gateway 1
- PG 14: Exchange EDC, Gateway 2
- **Telephony:** Voice Portal virtual platform ready
- VG 18: LNI 1.2
- PGN VG 1
- VG 19: LNI 1.3
- VG 20: Messaging Virtual Prod, LNI 1.4
- PGN VG 2
- VG 22: Exchange 2010 Prod
- VG 23: LNI 2.1
- PGN VG 3
- VG 24: LNI 2.2
- VG 25: LNI 2.3
- VG 26: Active Directory Prod
- VG 27: LNI 2.4



The IT partner of choice for agencies in Washington state

CTS Move Phase 1 – Servers

Recent:

- Completed six physical server move groups
- Completed six virtual server move groups

Upcoming:

- Renumbering PGN VLANs for upcoming moves tonight
- Migrating SGN Cluster Host and IBM Chassis
- Migrating eleven virtual server move groups and three PGN virtual groups

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



CTS Move Phase 1 – Messaging

Recent:

- Physical Groups 13 & 14 (Exchange) rescheduled

Upcoming:

- Physical server move groups 13 (Exchange WDC & Gateway 01), 8/11
- Physical server move group 14 (Exchange EDC & Gateway 02), 8/18
- Virtual move group 20, Exchange 2010 Prod
- Virtual move group 22, Exchange 2010 Prod
- Virtual move group 26, Active Directory Prod

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



CTS Move Phase 1 – Security

SSL VPN

Allows your staff to securely connect to your agency, or state resources, from any computer using only the Internet browser. The SSL-VPN service is customized to meet your agency's needs. SecurID® tokens are used for user identification.

Upcoming:

- Customer pilot
- Determine future solution
- Procurement
- Identify migration steps

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



CTS Move Phase 1 – Telephony

Recent:

- Continued planning for Voice Portal application migrations.

Upcoming:

- Preparing for the Voice Portal application migration

CTS Move Phase 1

CTS Servers

Messaging

Security

Telephony

Network (WAN)

Mainframe



CTS Move Phase 1 – WAN

Recent:

- Activated WAN carrier point-of-presence (POP) for Integra

Upcoming:

- Planning POP for CenturyLink and NoaNet WAN carriers
- Planning POP for 5 additional WAN carriers

CTS Move Phase 1

Security

Messaging

CTS Hosted Servers

Mainframe

Telephony

Network (WAN)



Data Migrations

Upcoming:

- 7/28 UNISYS – [TB 13.1.1.8](#)
- 8/2 FamLink UAT – [TB 13.1.3.3](#)
- 8/11 CTS Move Phase 1: CAS/Centera – [TB 13.1.3.5](#)
- 8/16 FamLink PROD – [TB 13.1.3.4](#)
- 8/18 IBM Mainframe – *link to* [TB 13.2.2.37](#)

Reminder that we have published the new [VMAX Data Migration Guide](#) which includes the new on-boarding process.



Customer Communications



Migration Guides

MIGRATION TASKS FOR VIRTUAL SERVERS			
30 TO 60 DAYS BEFORE MIGRATION			
Party	Task #	Task Description	Complete?
CTS Client Liaison	1	Identify Move Team including customer contact(s)	<input type="checkbox"/>
CTS Client Liaison	2	Schedule Move Planning Session(s)	<input type="checkbox"/>
MIGRATION TASKS FOR PHYSICAL SERVERS			
30 TO 60 DAYS BEFORE MIGRATION			
Party	Task #	Task Description	Complete?
CTS Client Liaison	1	Identify Move Team including customer contact(s)	<input type="checkbox"/>
CTS Client Liaison	2	Schedule Move Planning Session(s)	<input type="checkbox"/>
CTS Server Admin	3	Apply software patches to bring the server up-to date	<input type="checkbox"/>
CTS Server Admin	4	Perform EMC Grab for SAN connected servers	<input type="checkbox"/>
CTS Server Admin	5	Update server per the EMC Grab recommendations (if applicable)	<input type="checkbox"/>

The purpose of the Migration Guides is to define the steps that CTS and customer staff will take to complete tasks for preparing for and conducting the migrations of systems to the SDC. The first drafts of the Guides are now posted on the [Customer Readiness website](#).



Customer Communications

In addition to our [Technical Bulletins](#) which notify customers of upcoming changes, customers will receive additional communications regarding SDC project-related changes.

This includes:

- Change Reminder Bulletins sent to customers as a consolidated reminder of upcoming SDC migration activity.
- The SDC Migration Calendar that will include specific information linking back to the Technical Bulletins.

Note: This week you will see a large number of tech bulletins for changes in the next 30 days. These have been negotiated with customers and are being followed up with the global bulletin.



Migration Calendar Updates

SDC Migrations Calendar

CTS Home Cloud Based Email Collaboration Shared Services Email State Data Center

Home > Projects > State Data Center > Jul. 2013 SDC Migration Calendar

SDC Migration Calendar

CTS began migrating equipment and systems from the existing data center (OB2) to the State Data Center (SDC) in December 2012. Migrations will continue for many months. CTS currently publishes Technical Bulletins to notify customers of upcoming changes. However, the level of activity/change associated with SDC migrations has prompted us to increase the methods and frequency of communications regarding changes. We have created this page to share:

- Change Reminder Bulletins will be sent to CTS customers as a consolidated reminder of upcoming activity related to SDC migrations.
 - Current Change Reminder Bulletin
 - Archived Change Reminder Bulletins

Important Links

- Home
- Customer Readiness
- Background
- Status Report Archive
- Meetings
- Migration Calendar
- Archived Updates

July 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1)	2)	3) CTS Move Phase 1 - Servers: Virtual Group 10	4)	5)	6)
7)	8)	9)	10) CTS Move Phase 1 - Servers: Virtual Group 11	11)	12) CTS Move Phase 1 - Servers: DOH CP Data	13) CTS Move Phase 1 - Servers: DAHP
14) CTS Move Phase 1 - Servers: Physical Group 9 • WaSERV CTS Move Phase 1 - Servers: DOH CP PROD Firewall - Group 10	15)	16)	17) CTS Move Phase 1 - Servers: Virtual Group 12	18) CTS Move Phase 1 - Servers: Virtual Group 13	19)	20)
21)	22)	23)	24) CTS Move Phase 1 - Servers: Virtual Group 14 • DOH CHILD PROFILE DEV • ICC ESB PROD • LCS	25) VLAN Extension for CTS Move Phase 1 - Servers CTS Move Phase 1 - Servers: Virtual Group 15 • DOH CHILD PROFILE PROD • SHAREPOINT • ACCESS WA	26)	27)
28) Data Migration - UNISYS	29) CTS Move Phase 1 - Servers: Virtual Group 17	30)	31) CTS Move Phase 1 - Servers: Virtual Group 18 Firewall - Group 11			

Migration events in green font denote an internal CTS test system migration with no customer impact. A Technical Bulletin will not be issued for these events.

2013 | January | February | March | April | May | June | July | August | September | October | November | December



SDC Project Website

The [SDC Projects](#) website provides current information about the status of the projects.

See also:
[Customer Readiness website](#)

The screenshot displays the SDC Project Website interface. At the top, there is a search bar and a navigation menu with links for Home, Products and Services, and Projects. Below the navigation, the page title is "State Data Center Projects". The main content area includes a date "February 21, 2013" and a paragraph of text describing major projects completed or near completion. There are also sections for "Next steps" and contact information for project sponsors and managers. On the right side, there is an "Important Links" sidebar with links to Home, Customer Readiness, Background, Status Report Archive, Meetings, Migration Calendar, and Archived Updates. The bottom section of the page features two main reports: "BUDGET: SDC Projects Spending Plan" and "STATUS: Current Status Report".

BUDGET: SDC Projects Spending Plan

SDC Projects Lifecycle Budgets and Actuals

*This chart shows the baseline budget and actuals for all SDC projects. (Includes both implementation costs and 5-yr maintenance commitments).

Approved Investment Plans Implementation Budgets and Actuals

*This chart shows only the implementation costs for the projects with approved investment plans (does not include maintenance).

Select image for larger version (PDF)

SCHEDULE: Milestones

STATUS: Current Status Report

SDC Projects	Scope	Sched	Budget
SDC Program Business Planning	●	●	●
OB2 Heat Reduction (completed)	●	●	●
SDC Facilities	●	●	●
SDC Network Core	●	●	●
SDC Firewall (completed)	●	●	●
SDC Storage Optimization	●	●	●
SDC Cloud Utility (proof-of-concept)	●	●	●
OB2/CTS Move Phase 1	●	●	●
Migrate WSP to SDC	●	●	●
Virtual Tape Library			
OB2/CTS Move Phase 2			
OB2 Data Center Optimization			



Q&A



Next Meeting

Our next meeting will be **August 22nd**, 2:00 – 3:00 p.m.

Complete 2013 schedule – future dates are September 26th, October 24th, November 21st, and December 19th.

- Please place all of these dates on your individual calendars.

Our online Meeting Calendar is continually updated as well

http://cts.wa.gov/projects/state_data_center/agency_implementation_coord.aspx

All meetings will be held at [1500 Jefferson Building](#)– Conference Room 2208 and will run **2:00 – 3:00 p.m.**

We will continue to use the conference bridge so keep that info handy.



Contact Information

- Heidi Brownell – CTS Enterprise Projects Manager
Heidi.Brownell@cts.wa.gov 360.407.8980
- Steve Lovaas – CTS Enterprise Projects Client Liaison
Steve.Lovaas@cts.wa.gov 360.407.8723

