



Consolidated Technology Services • WA

# Meeting Minutes

**State Data Center Projects  
Steering Committee  
October 16, 2013  
1500 Jefferson, Rm 5229**

**Steering Committee Attendees:** Doug Hieronymus, Heidi Brownell, Kay Metsker, Molly O'Donnell, Wendy Huff, Dan Mercer, Dan Davis, Agnes Kirk, Phil Davis, Mike Lilly **Not present:** Lance Calisch, Christy Ridout, Gordon Ice, Mike McVicker, Steve Fowler

**Other Attendees:** Toni Backstrom, Jeff Matheny, Scott Lindekugel, Chris Craig

| ISSUES AND/OR DISCUSSION    |  |
|-----------------------------|--|
| Agenda Topic                | Discussion   |
| <b>SDC Projects Updates</b> | <p>SDC Program:</p> <ul style="list-style-type: none"> <li>• Heidi shared the 90-day Outlook for upcoming moves.</li> <li>• Network Core Phase 2 high level design complete 11/5.</li> <li>• Lab is prepping to support the Wireless pilot.</li> </ul> <p>Facilities:</p> <ul style="list-style-type: none"> <li>• Final DH1 enclosures are being installed.</li> <li>• Integra moving in about a month.</li> <li>• Physical Security Procedures have been formally approved, but implementation date not yet identified.</li> </ul> <p>Firewall:</p> <ul style="list-style-type: none"> <li>• Customer migrations tonight with three additional migrations scheduled to occur this month.</li> <li>• CSD has 13 firewalls to migrate.</li> </ul> <p>Storage:</p> <ul style="list-style-type: none"> <li>• Completing SOW for support with Oracle data migration.</li> <li>• WatchNet SOW being reviewed. Test version in lab.</li> <li>• EMC resident available remotely the week on Nov. 4<sup>th</sup> to monitor performance, reporting and knowledge transfer.</li> <li>• The Tivoli announcement was sent out to customers.</li> </ul> <p>VTL:</p> <ul style="list-style-type: none"> <li>• VTL Charter has been finalized and in route for signature.</li> <li>• Completing design updates.</li> <li>• Considering co-managing VTL and Avamar projects, due to interdependencies.</li> <li>• Working with TSD on the necessary network connections.</li> </ul> <p>Cloud:</p> <ul style="list-style-type: none"> <li>• Team met with VMware for final knowledge transfer and documentation.</li> <li>• POC was completed but the software had limitations. Will wait for new release for production pilot.</li> <li>• Virtual server moves target is 369, currently at 335.</li> <li>• Physical server moves target is 110, at 104.</li> </ul> |



| ISSUES AND/OR DISCUSSION     |  |
|------------------------------|--|
| Agenda Topic                 | Discussion   |
|                              | <p>CTS Move Phase 1:</p> <p>Servers:</p> <ul style="list-style-type: none"> <li>• Host clean-up occurring as virtual servers complete migration.</li> </ul> <p>Security:</p> <ul style="list-style-type: none"> <li>• Team is working to prepare for Gateway migrations.</li> </ul> <p>Telephony:</p> <ul style="list-style-type: none"> <li>• Voice portal migrations December – May 2014. Confirming proposed schedule with the vendor.</li> </ul> <p>Mainframe:</p> <ul style="list-style-type: none"> <li>• Unisys migration planning continues with tentative move dates.</li> <li>• IBM procurement is on track.</li> </ul> <p>CTS Move Phase 2:</p> <p>OB2-SDC:</p> <ul style="list-style-type: none"> <li>• Met with service owners to discuss what is left in OB2.</li> <li>• Gordon working on PH2 RFP move vendor. Planning and physical moves, both are covered in the RFP.</li> </ul> <p>WSP:</p> <ul style="list-style-type: none"> <li>• Security design review on Monday and tour with legislators and OFM on the 30<sup>th</sup>.</li> <li>• Working out legal issues on the design package with Cisco.</li> <li>• IAA is being developed.</li> </ul> |
| <b>Design Decisions</b>      | <p><b>In Progress</b></p> <ul style="list-style-type: none"> <li>• SDC-045 CTS Service VRF</li> <li>• SDC-047 DMZ Type</li> <li>• SDC-029A Customer Connectivity Strategy</li> <li>• SDC-046 LTS PBX</li> <li>• SDC-048 Network Switching Design</li> </ul> <p><b>Closed</b></p> <ul style="list-style-type: none"> <li>• SDC-042 iSCSI Strategy (included in SDC-048)</li> <li>• SDC-043 NFS use in the SDC (included in SDC-048)</li> </ul>  |
| <b>Project Issues Update</b> | <ul style="list-style-type: none"> <li>• #255 – Need to determine strategy for migration of remaining TSD networking infrastructure, particular K20.</li> <li>• #258 – Need to determine strategy for onboarding customers into the SDC. <ul style="list-style-type: none"> <li>○ Need predefined models to meet various customer requirements, make efficient use of CTS resources and avoid unnecessary complexity and cost.</li> </ul> </li> <li>• #259 – need to migrate FTE constraints for planning and executing a la carte moves. <ul style="list-style-type: none"> <li>○ Move vendor RFP is currently being written to assist a la carte moves.</li> </ul> </li> </ul>   |

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

| <i>Meeting</i>      | <i>Details</i>  |
|---------------------|---|
| <i>Next Meeting</i> | <a href="#">November 20, 2013, 1:00-2:00, Room 5229</a> |

# SDC Steering Committee Meeting

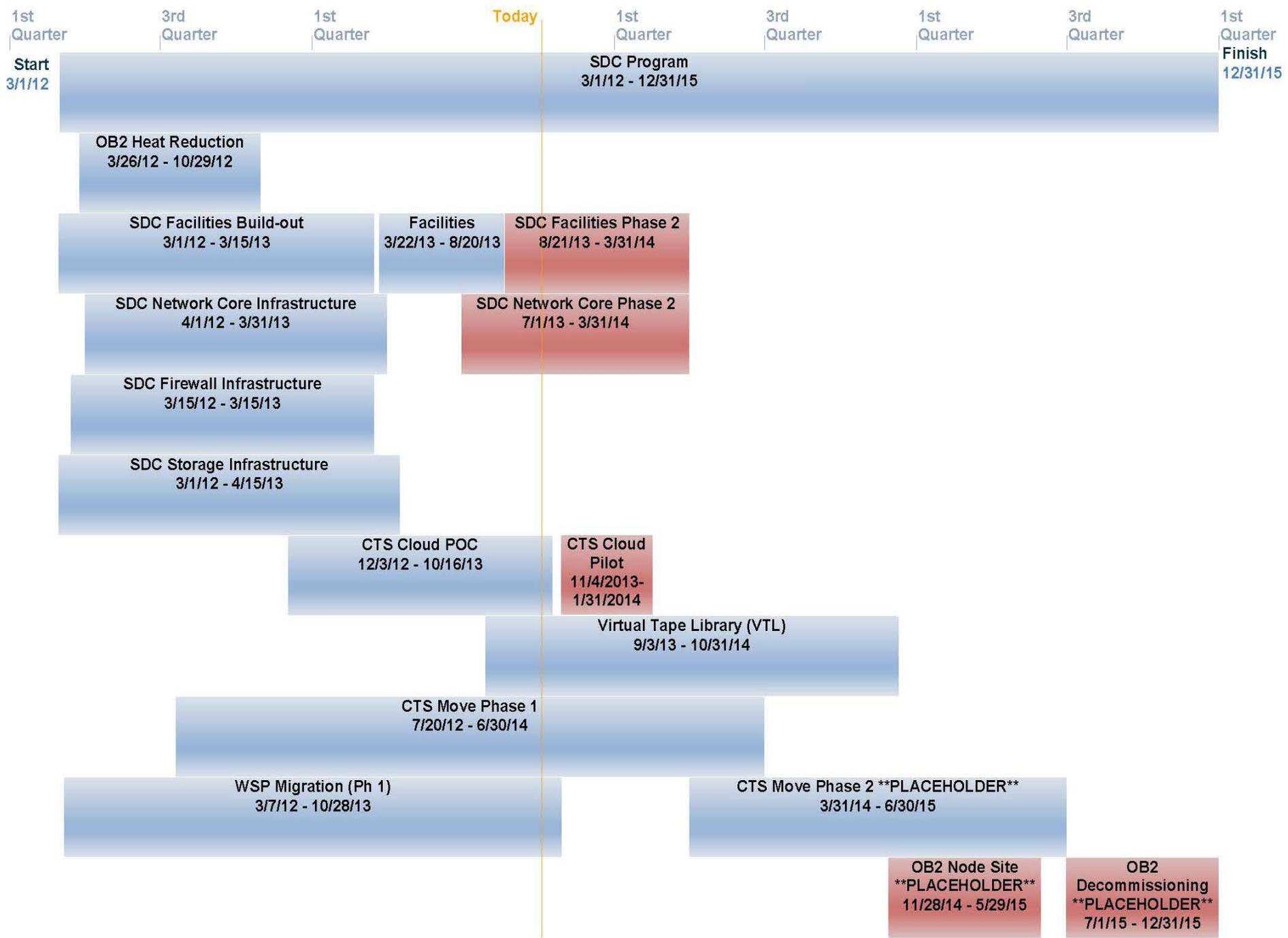
October 16, 2013



# Agenda

- SDC Projects Updates
- SDC Design Decisions
- Project Issues





# Projects Updates

- **SDC Program**
  - Lab Update
    - Prepping for CTS Wireless Pilot in the lab



# Projects Updates

- **Facilities**

- Additional Data Hall 1 enclosures are being installed.
- Updating schedule with Data Hall 2 tasks.
  - Backbone and Structured Cabling purchases and readiness activities will be dependent on NWC Phase 2 design.
- Provider Space Build is completed. Next steps will be structured cabling design to meet TSD and provider requirements.
- We are currently operating under interim physical security procedures. Physical Security Policy and Procedures have been reviewed and formally approved. Implementation Plan is being developed.

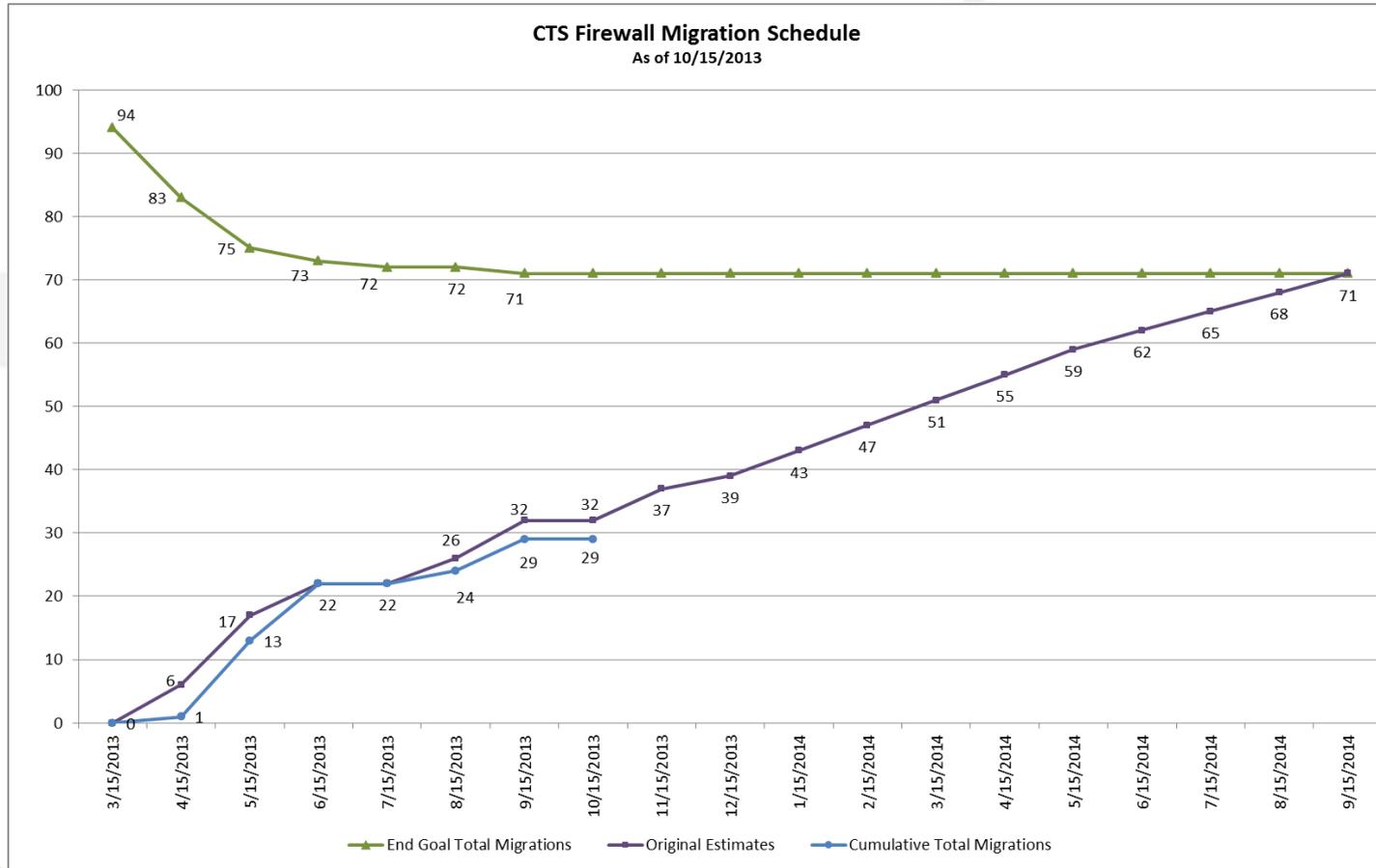


# Projects Updates

- **Firewall**
  - Planning four complex MPLS firewalls before the end of the month.
  - Team is focused on Legacy VRF, IGN and IGN Border readiness tasks to be completed by December 5<sup>th</sup>.
  - Team met with CSD to discuss prioritization and migration dates for their 13 firewalls.
    - CSD is managing the Hypervisor Firewall Project. This is likely to be a predecessor to the 13 CSD firewall migrations.



# Firewall Migrations



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# Projects Updates

- **Storage**

- Continuing to support SDC Migrations:

- Move Ph1 server migrations (ongoing)
- LNI MSAR and JINDEX – complete
- TSM- scheduled for 10/19
- Famlink (A la Carte data) – waiting for customer
- ACSLS – TBD

- Continuing work to empty storage in OB2

- Watch4Net SoW sent to EMC on 10/10 for review or acceptance
- EMC resident will be available remotely the week of Nov 4 (after data migrations from existing arrays are complete) to monitor VMAX performance and assist with disk group alignment



# Projects Updates

- **VTL**
  - Project Charter gathering final signatures.
  - Continue building out WBS.
  - Completed Risk Assessment needs review by OCIO's office.
  - Team met to finalize design this morning.

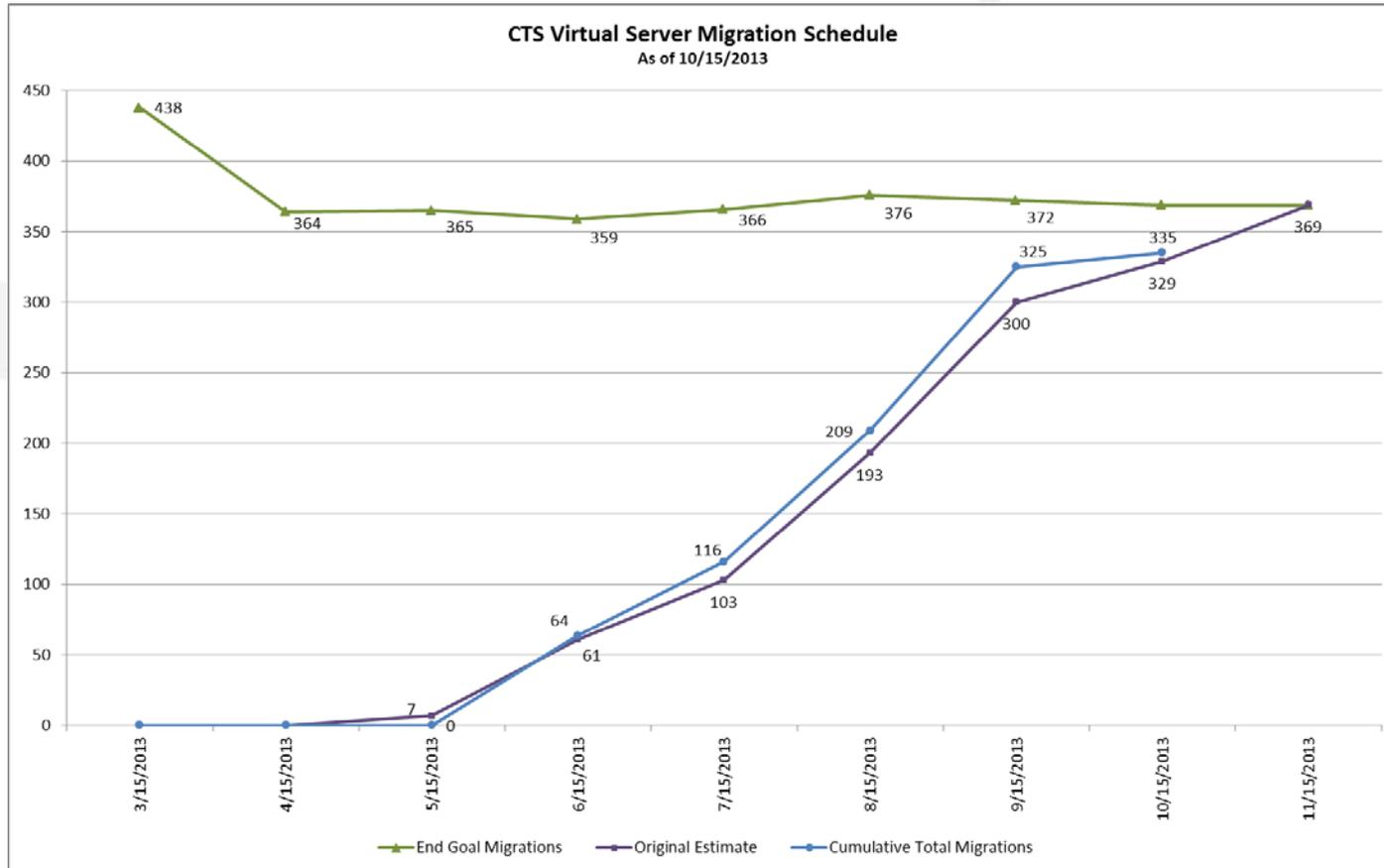


# Projects Updates

- **Cloud**
  - Business Strategy Engagement
    - Waiting for marketing materials from VMware.
  - Technical Proof of Concept
    - Knowledge transfer and final document validation occurred 9 Oct, finalizing the PoC.
  - Next Steps
    - Planning for the Private Cloud pilot phase with customer agency engagement.

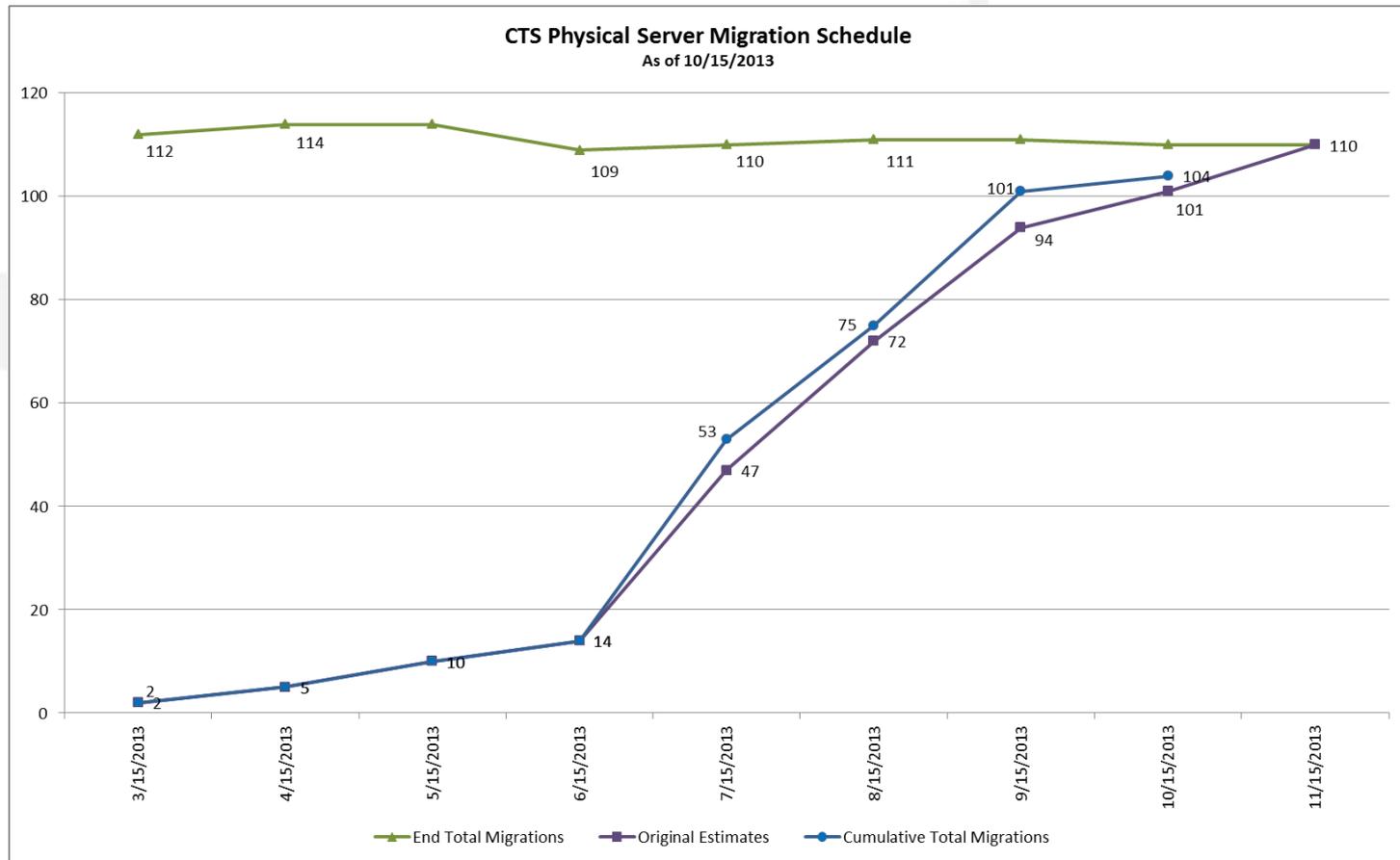


# Virtual Server Moves



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# Physical Server Moves



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# Projects Updates

- **CTS Move Phase 1**

## Servers

- Host server clean up occurring as virtual servers are V-motioned over the month.
- The scope for Move Ph1 is increasing, as the remainder of CTS-owned physical and virtual servers are being planned for continued migration.

## Security

- Team is working on scheduling Gateways migrations. (see pipeline)



# Projects Updates

- **CTS Move Phase 1 con't**

## Telephony

- Voice Portal migrations begins Dec 2013 and ends May 2014

## WAN

- Move Data Hall 1 Row 0 will complete by end of October.
- Integra is scheduled to move to new provider space by Nov 15<sup>th</sup>.

## Mainframe

- Unisys migration planning continues with tentative move dates of Dec (TEST), Jan (DEV) and Feb (PROD).
- zBC-12 (Business Class) IBM procurement being worked.



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# Projects Updates

- **CTS Move Phase 2**

## OB2 to SDC

- Validating inventory in the 491 enclosures currently in OB2 to determine the scope of what equipment will move in Move Ph1, will move in Phase 2, or will be slated for decommissioning.

## Move Ph2 Vendor

- Working on the RFP.



# Project Updates

- **WSP**
  - Met with WSP on 10/10 to discuss revised network design.
  - Scheduling a security design review. (possibly next Monday)
  - WSP is developing their decision package for the move.



# Design Decisions

| Design Decision                             | Status      | Comments                                     |
|---|-------------|--|
| SDC-045 CTS Service VRF                     | In Progress | Out for review (ESS/TSD)                     |
| SDC-047 DMZ type                            | In Progress | Out for review (ESS/TSD)                     |
| SDC-029A SDC Customer Connectivity Strategy | In Progress | Signed by TSD, out for additional signatures |
| SDC-046 LTS PBX                             | In progress | Out for signature (DIR)                      |
| SDC-042 iSCSI Strategy in the SDC           | Closed      | Will be included in SDC-048                  |
| SDC-043 NFS use in the SDC                  | Closed      | Will be included in SDC-048                  |
| SDC-048 Network Switching Design            | In progress | Working to include SDC-042/043               |



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# Issues Update

| Issue # | Summary Description  | Assigned  | Priority (R,Y,G) | Opened Date/by | Next Review Date | Target Resolution Date | Comments/Resolution  | Status |
|---------|--|-----------|------------------|----------------|------------------|------------------------|--|--------|
| 255     | Need to define strategy for migration of remaining TSD Networking Infrastructure, particularly K20 | Molly/Dan | G                | 8/13/13        | 10/16/13         | TBD                    | TSD determined that all of the equipment could move from its current location and most would be relocated to a future OB-2 Node site.    | Open   |
| 258     | Need to define the strategy for onboarding customers into the SDC                                  | Scott     | G                | 9/27/13        | 10/16/13         | 10/31/13               | Need predefined models to meet various customer requirements, make efficient use of CTS resources, avoid unnecessary complexity and cost | Open   |
| 259     | Need to mitigate FTE constraints for planning and executing A la Carte moves                       | Gordon    | G                | 9/27/13        | 10/16/13         | 12/31/13               | A move vendor RFP is currently being written to assist with A la Carte moves   | Open   |



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# Discussion/Questions

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