Program Webinar
June 23, 2015

Paul Weiss – UCOP CTO
Brian Tharp – MOTIVE program manager

Agenda

- MOTIVE Introduction
- Launch Stats
- Program Objectives
- Migration Options Framework
- Corner Stone Technology Decisions
- Migration Strategy
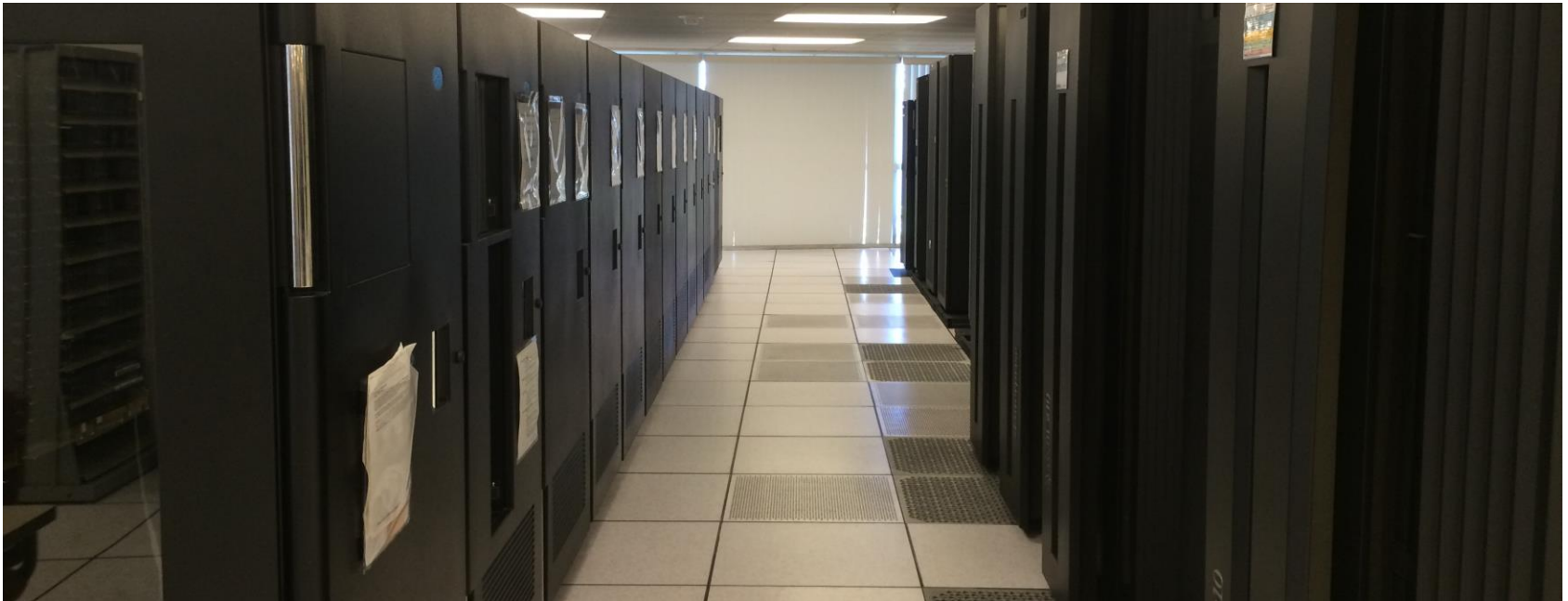- Mainframe Schedule
- Distributed Systems Schedule
- Q & A

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Many have asked, "MOTIVE"?

Stands for:

Modernization **O**f **T**echnology **I**nfrastructure for **ValuE**

It is the program name for the overall effort to move out of the UCOP Kaiser data center in Oakland

MOTIVE Launch Stats
as of 6/15/15

MOTIVE Funding was approved February 2, 2015
Elapsed Work Days from Funding: 94
Work Days to DC Closure: 200

MOTIVE Objectives

- Exit real estate & data center physical management
- Reduce expenses > $1M / year (Lease/Power)
- Avoid > $2M in Data Center upgrades (UPS)
- Enable an eventual Kaiser Building Exit for UCOP's building services
- Begin journey to a more flexible infrastructure
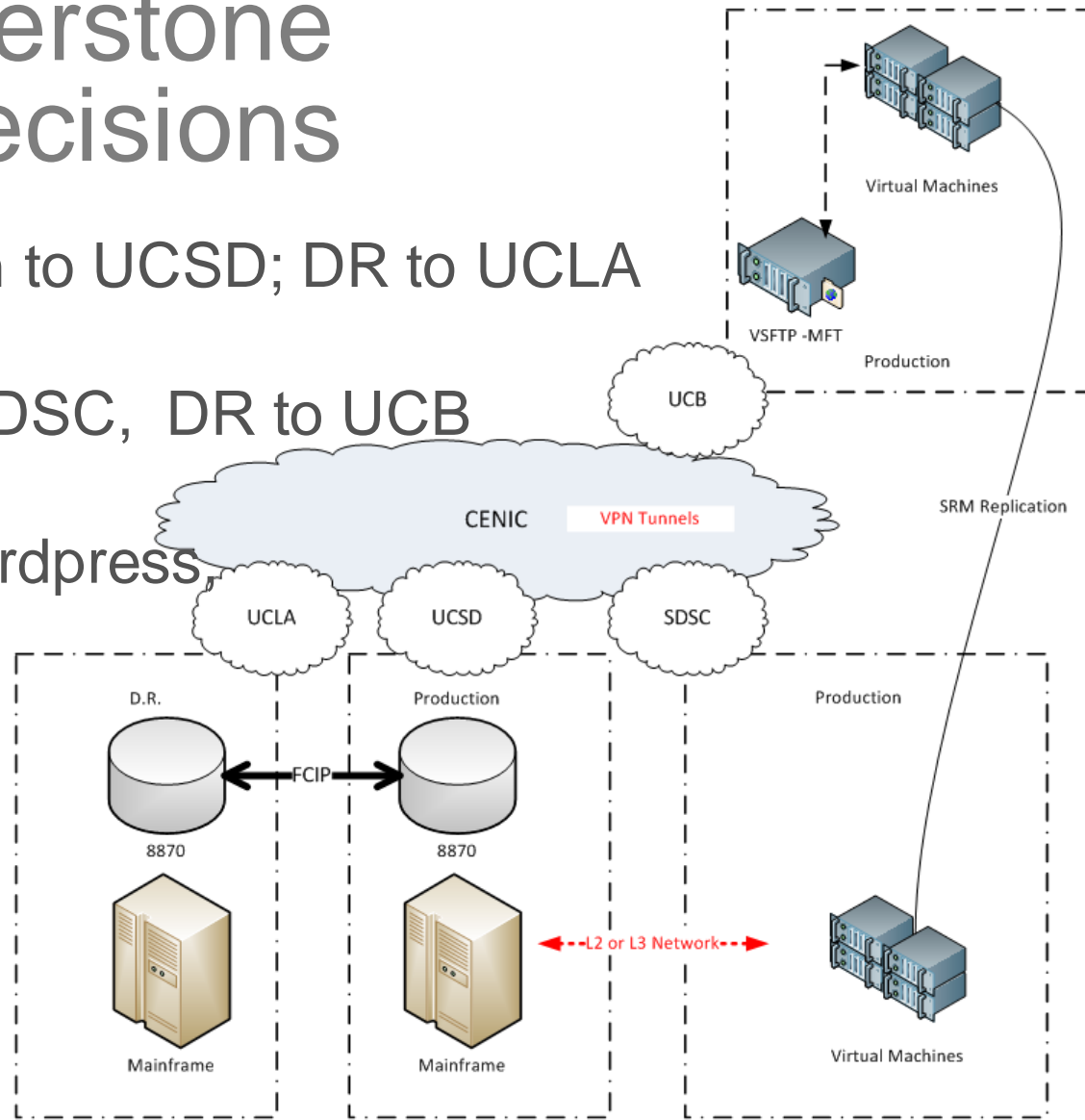- Minimize customer impact

MOTIVE Migration Options

1. Consider Vendor if ≤ $ and/or ≥ capabilities

2. z/OS Vendor options cost greater than self hosting
   - Therefore chose a COLO approach

3. Distributed Options (UCB) had cost advantages but IT Stacks were inelastic
   - Therefore chose a COLO approach

   The CENIC Network favored Campus Co-Location

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MOTIVE Cornerstone Technology Decisions

- Mainframe production to UCSD; DR to UCLA

- Production VM's to SDSC, DR to UCB

- Cascade, Drupal, Wordpress, Sharepoint, email, Calendar to the cloud

Migration Strategy

- First, Do no Harm to Business
- Seed new equipment
- Migrate Data Logically
- Use proven industry and Successfully practiced UCOP processes
- Control via Change Processes
- Have a proven fall back plan
- Have business partners QA & sign-off

Mainframe Testing and Migration Schedule

Motive MF Schedule	Client Impact		Jul-15		Aug-15		Sep-15		Oct-15	
MF Systems										
UCSD Blackout					17-28		14-25			
UCLA Blackout							27-30			
UCOP Amalgamated Workloads (Cutover 10/11)			12-18	27-1	10-13		9	27	11	
UCI LPAR (Cutover 9/13)					5-6	14	31	13		
UCIMC LPAR (Cutover 9/5,6)							5,6			
UCSB - Kirk Grier					17-28				11	
Migration Dates										
Test Dates										
Dress Rehearsal Dates										

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Distributed Systems Migration Schedule

Motive MF Schedule	Client Impact		Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	
Distributed Systems												
Group 1 - Test and Infrastructure #115												
Group 2 - Simple Appls #520												
Group 3 - DR & HA Apps "Apply UC", "AYSO" #120												
Migration Dates												
Test Dates												

- ## Migrate from least impact to highest Visibility
- ## Group 1 – Test and Lab Machines
- ## Group 2 – Simple Applications
- ## Group 3 – DR Needs and High Value Apps

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Q & A

Questions later?

Please feel free to contact either Paul (paul.weiss@ucop.edu) or Brian (brian.tharp@ucop.edu) if you have any follow up questions at any time!

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