



IT Strategy Board

November 19, 2014

Agenda

- Call to Order
 - Welcome and introductions
 - IT Strategy Board 2014-15 agenda
- UW Administrative Systems Modernization Strategy
 - Strategy overview
 - HR/Payroll Modernization
 - Financial Systems strategy and readiness
 - Kuali Student next steps
- UW-IT's Response to Environmental Stewardship Committee Recommendations and Policy
- TRF Annual Review and Recommendation Update
- IT Project Portfolio Executive Review

Proposed 2014-15 Agenda

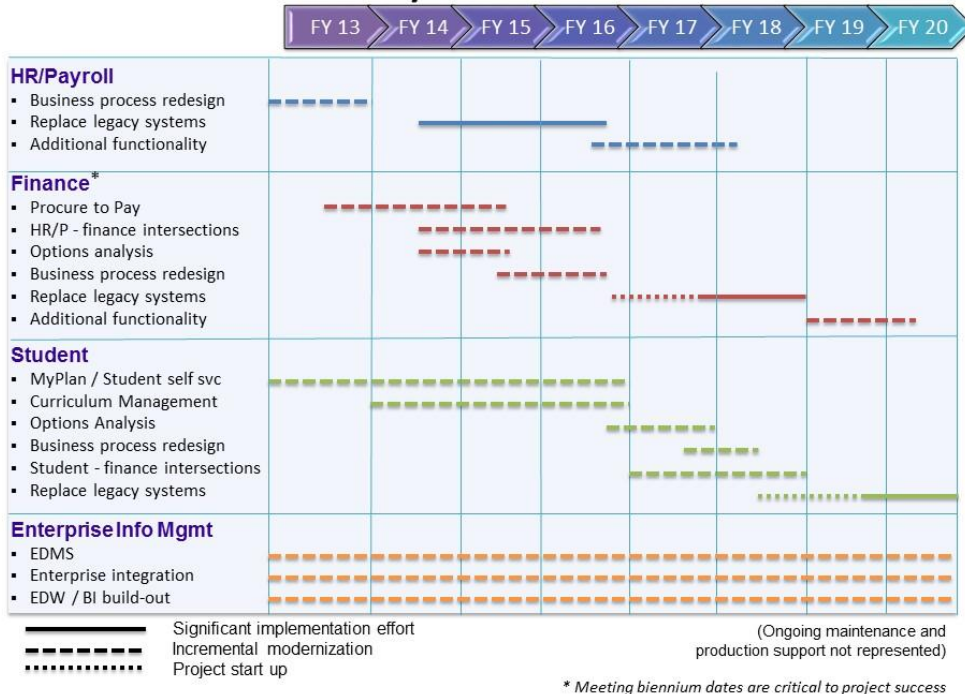
Month	IT Strategy Board Topic
February 3, 2014	<ul style="list-style-type: none"> ✓ HR/P Modernization ✓ UW-IT Portfolio Review and Allocation recommendation ✓ IT support for Research Administration
May 12, 2014	<ul style="list-style-type: none"> ✓ IT Research Support <ul style="list-style-type: none"> ▪ Future of Networking ▪ Cyberinfrastructure support ✓ eScience Institute initiatives ✓ IT Service Investment Board portfolio prioritization outcomes
November 19, 2014	<ul style="list-style-type: none"> ▪ UW Administrative Systems Modernization Strategy <ul style="list-style-type: none"> ▪ HR/Payroll Modernization ▪ Finance Systems strategy and readiness ▪ Kualii Student next steps ▪ UW-IT's Response to Environmental Stewardship Committee Recommendations and Policy ▪ TRF Annual Review and Recommendation
February 17, 2015	<ul style="list-style-type: none"> ▪ CISO IT Security and Privacy strategy and key initiatives ▪ UW Medicine IT Security strategy and key initiatives ▪ IT Service Portfolio Allocation ▪ Kualii Student Next Steps
May 8, 2015	<ul style="list-style-type: none"> ▪ Infrastructure progress, challenges and future directions ▪ Mobility strategy

UW Administrative Systems Modernization Strategy

Administrative Systems Modernization

Strategy Key Assumptions

Administrative Systems Modernization



- Undertake only one major system replacement at a time
- Focus on incremental innovation for areas such as student systems
- Address shadow systems and understand campus reporting needs
- Leverage momentum and expertise from initial system replacement to accelerate replacement progress
- Provide better information for decision making as rapidly as possible

Administrative Systems Modernization



HR/Payroll

- Business process redesign
- Replace legacy systems
- Additional functionality

Finance*

- Procure to Pay
- HR/P - finance intersections
- Options analysis
- Business process redesign
- Replace legacy systems
- Additional functionality

Student

- MyPlan / Student self svc
- Curriculum Management
- Options Analysis
- Business process redesign
- Student - finance intersections
- Replace legacy systems

Enterprise Info Mgmt

- EDMS
- Enterprise integration
- EDW / BI build-out

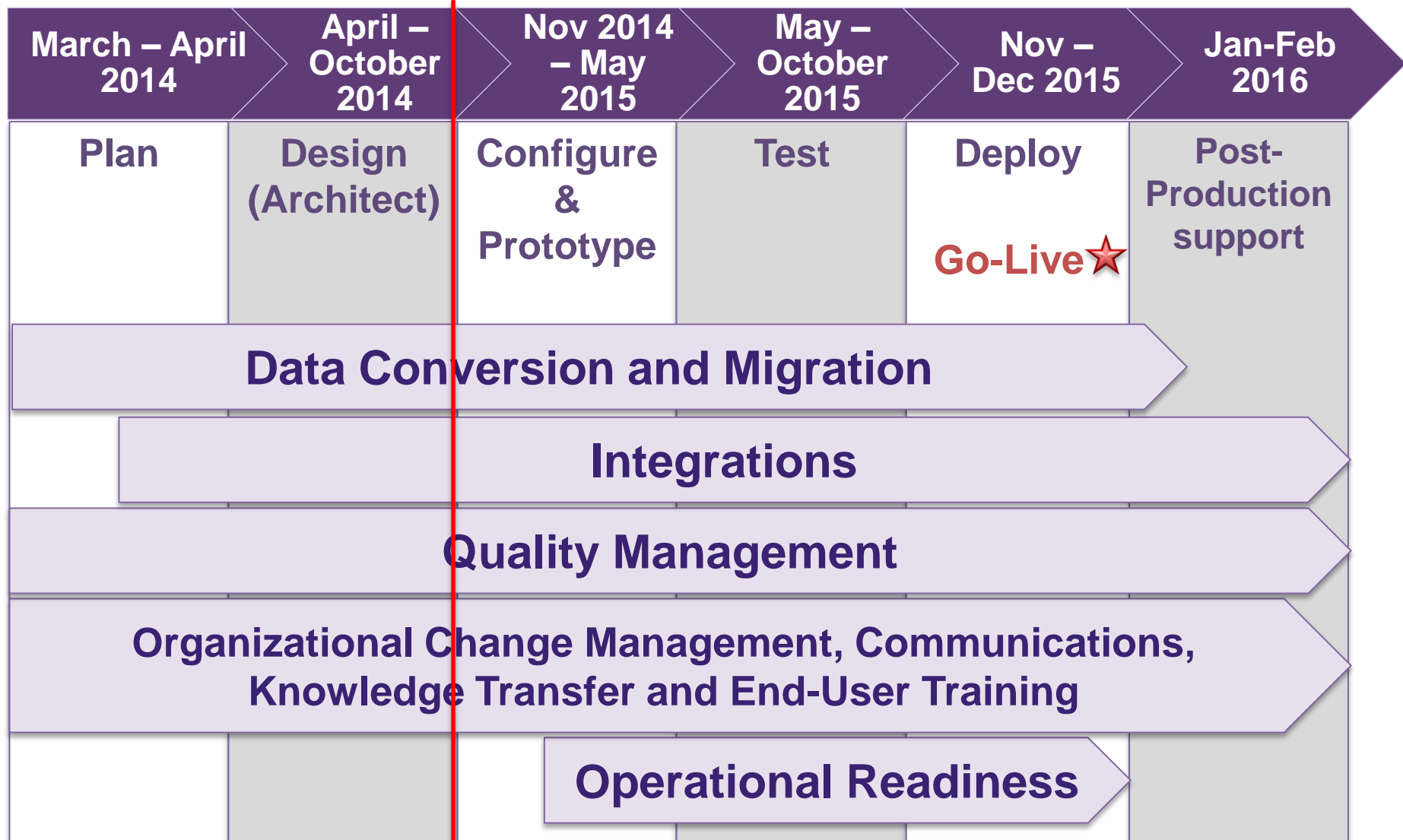


Significant implementation effort
Incremental modernization
Project start up

(Ongoing maintenance and production support not represented)

HR/Payroll Modernization

HR/P Implementation Timeline



We are Here

Design Phase Accomplishments

We have completed a significant amount of work on this project. Thank you to all who have contributed time and resources to date!



- ✓ Completed design sessions with 200+ SMEs
- ✓ Made key design decisions
- ✓ Completed design guides/workbooks
- ✓ Loaded core employee data into Prototype 0
- ✓ Launched UW@Work, the project newsletter
- ✓ Identified major impacts
- ✓ Identified 97 integrations with campus systems

Key Design Decisions

- Move to a biweekly payroll schedule (26 annual pay periods)
- Implement actual time reporting instead of exception time reporting
- Align leave accrual elements to the new biweekly pay schedule
- Become the "system of origin" for benefits information
 - Create and maintain benefits eligibility records electronically
 - Provide online benefits enrollment
 - Send electronic updates to the state's PAY1 system
- Move to a single workweek across UW that will run Sunday through Saturday
- Use a position management staffing model

Configuration Phase Overview

- Focused on building the system that we designed during the design phase
 - Load P1 data (more comprehensive)
 - Ensure functional processes work
 - Build and test integrations
 - Develop test plans and scripts
- Unit engagement will increase
 - Conduct unit-specific impact assessment
 - Develop readiness teams
 - Increase communications
 - Prepare training materials



Configuration Phase Vision

- Upon completion of the Configuration & Prototype Phase, the *HR/Payroll Modernization team* will have configured and validated Workday, loaded UW data, and built system integrations and custom reports
- In coordination with *HRIS, Medical Centers* and *UW-IT*, downstream systems will be prepared for the new operating environment
- Through the team's outreach and engagement efforts, the *University community* will be informed about the project and its impacts, and will have begun unit readiness activities
- The *project team, business owners* and *University community* will be prepared to participate in testing and training activities

Configuration Phase Objectives

1. Complete configuration and prototyping of system to ensure the system is ready for the Testing Phase
2. Complete loading and validation of Prototype 1 and Prototype 2 data
3. Complete development and unit test of integrations and reports
4. Inform and secure buy-in from the University community about the project, impacts, and preparedness activities
5. Complete preparations for the Test Phase
6. Identify recommended ongoing Operating Model

Questions?

<http://f2.washington.edu/teams/hrp>

HR/Payroll

MODERNIZATION

UNIVERSITY *of* WASHINGTON

Finance Systems Strategy and Readiness

Finance Systems

Strategy and Readiness

Goals and Objectives

Engage Gartner Inc. as objective, vendor-neutral 3rd party

Preliminary, high level assessment of institutional readiness for the Finance Modernization effort

Inform how and when to proceed with the Modernization effort.

Assess technologies UW has chosen for Student and HR/P administrative systems: Kuali and Workday

Leverage FSNA work, minimize campus impact

Develop business case that reflects fit/gap, total cost of ownership, and roadmaps for each option

Gartner Deliverables

1) Validated Strategic Drivers, Assumptions, Risks

2) ERP Financials Readiness Assessment

3) ERP Fit/Gap for both Options

4) Options Analysis Framework

5) ERP Financials Business Case and Total Cost of Ownership

6) ERP Financials System Roadmaps

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Enterprise Info Mgmt

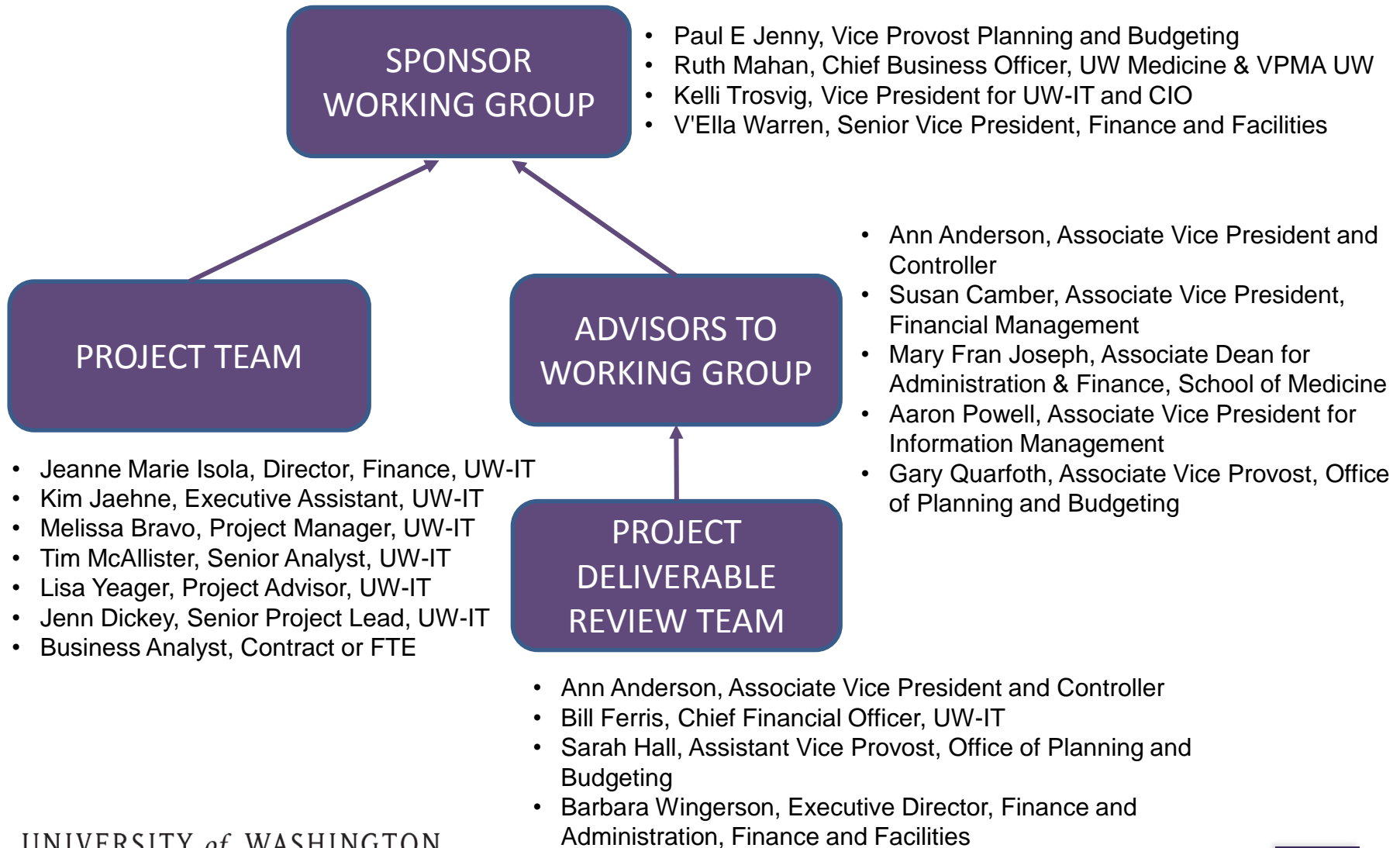
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Governance Structure



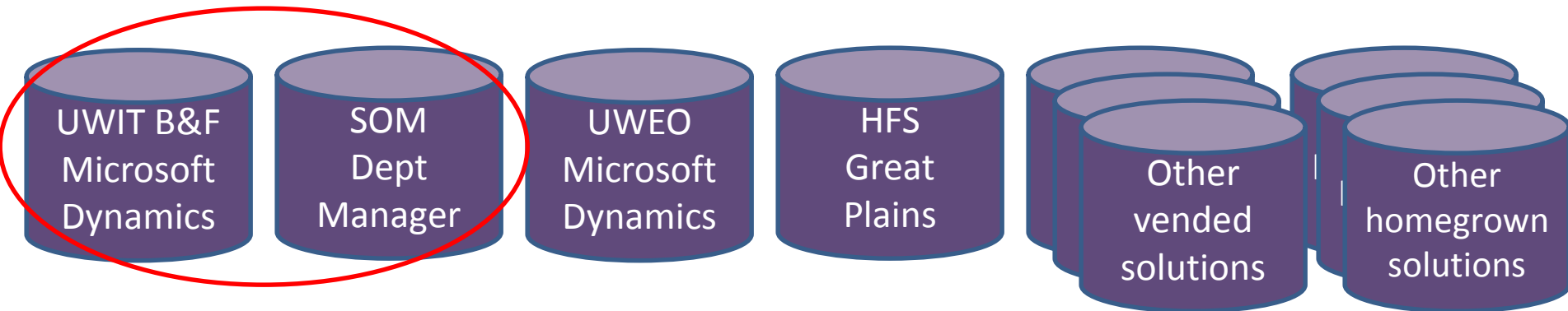
Non-Centralized Financial Systems

Significant gaps in
centralized
functionality



Proliferation of one-
off “shadow”
systems

Options:
Replace or
Integrate with
new system



We will model 2 (“shadow”) financial systems to validate system requirements and estimate costs.

Gartner Processes included in scope

Record-to-Report Processes

General Accounting/General Ledger

Treasury & Cash Management

Budgeting & Financial Planning

Asset Management

Project Accounting

Grants Management

Order-to-Cash Processes

Internal Billing

Receivables & Cashiering

Procure-to-Pay Processes

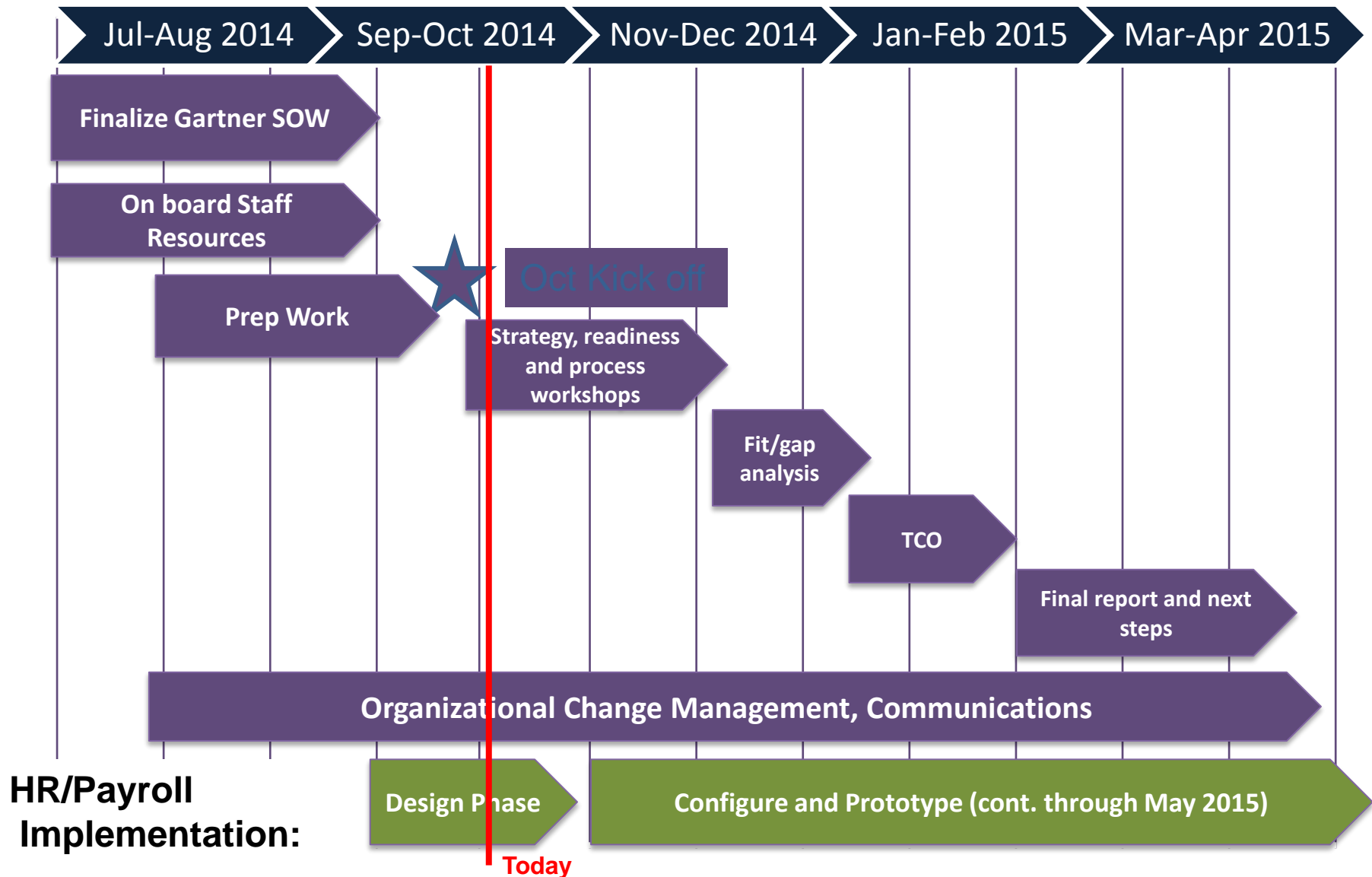
Purchasing & Payables

Expenses

Technology

Solution Applications & Technology Architecture

Finance System Strategy and Readiness Timeline



Questions & Discussion

Kuali Student Next Steps

Transition from .org to .com

In late August 2014, the Kuali Foundation announced the launch of a for-profit affiliate, called KualiCo, to develop and offer cloud-based software as a service (SaaS) product for the five product streams:

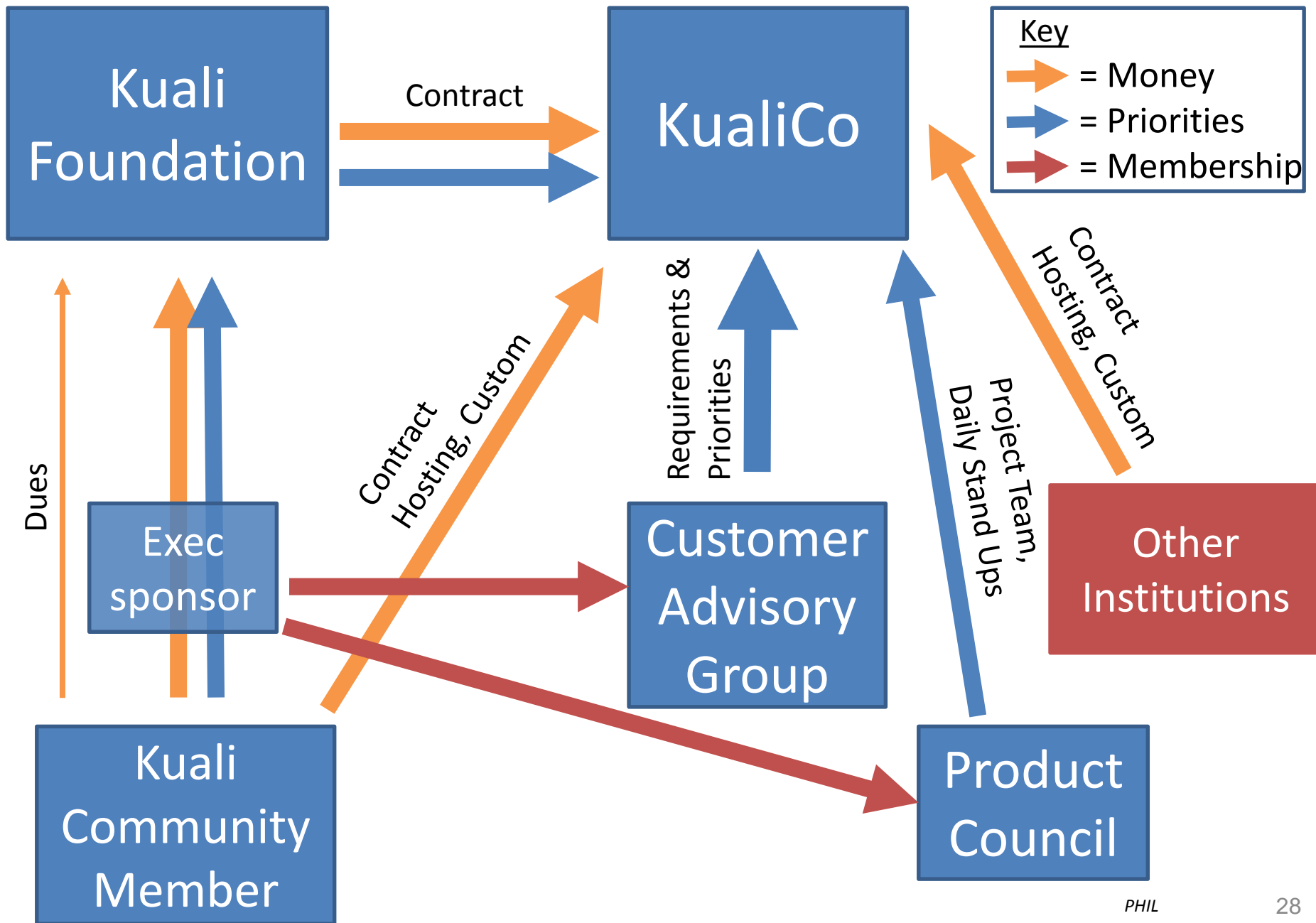
- Ready: Cloud-based storage
- OLE: Library asset management
- Coeus: Research administration system
- Finance: Financial administration system
- Student: Student information system

Changes Accompanying 2.0

- Kuali Student Board moved to discontinue software development by the end of November
- Existing MoU with the Kuali Foundation for work on Kuali Student will be terminated at the end of this month
- The UW will continue to implement and use two products:
 - MyPlan: Keep production version in place and expand with Academic Explorer
 - Curriculum Management: Took delivery of CM 3.0 and are now implementing course and product approval processes

Changes Accompanying 2.0

- Software developed under the community source model will remain available as open source software
- With the transition of Kuali Student development to KualiCo, the need for software developers on this project has been reduced, allowing our resources supporting Kuali Student to be deployed internally to address specific UW needs
- There is an opportunity to contribute to the development of KualiCo as an investing partner. The UW is currently exploring what this investment would entail, evaluating how the UW would benefit from such an investment, and assessing whether the software developed by KualiCo addresses our needs



Questions & Discussion

UW-IT's Response to Environmental Stewardship Committee Recommendations and Policy

UW Environmental Stewardship Committee Recommendations & Policy

Climate Action Plan Policy Committee - FY14

- Reviewed more than 80 greenhouse gas reduction strategies
- One of top 3 strategies - Server relocation and virtualization
- Why? Local server rooms are not efficient and have significant costs

A Spectrum of Possible Solutions



- Status Quo – rely on operational life cycle
- Scheduled refresh
- Aggressive virtualization and pooling
- Review purchases to optimize location, density, etc.
- Restrict new hardware purchases – use services only

CAP Draft Recommendation

October 2014 - Climate Action Plan Policy Committee - Draft Policy Statement

- In support of the UW's efforts to meet its climate goals and objectives, **no new server rooms or upgrades are to be designed into new or existing buildings on any of the campuses of the University of Washington.**
 - A server room is defined as a separate or shared space to store, power, and operate computer servers and their associated components in support of business functions. Business functions are all of the activities that support the work of the University, be they academic, administrative, research, or clinical in nature.

Additional Needs for Policy

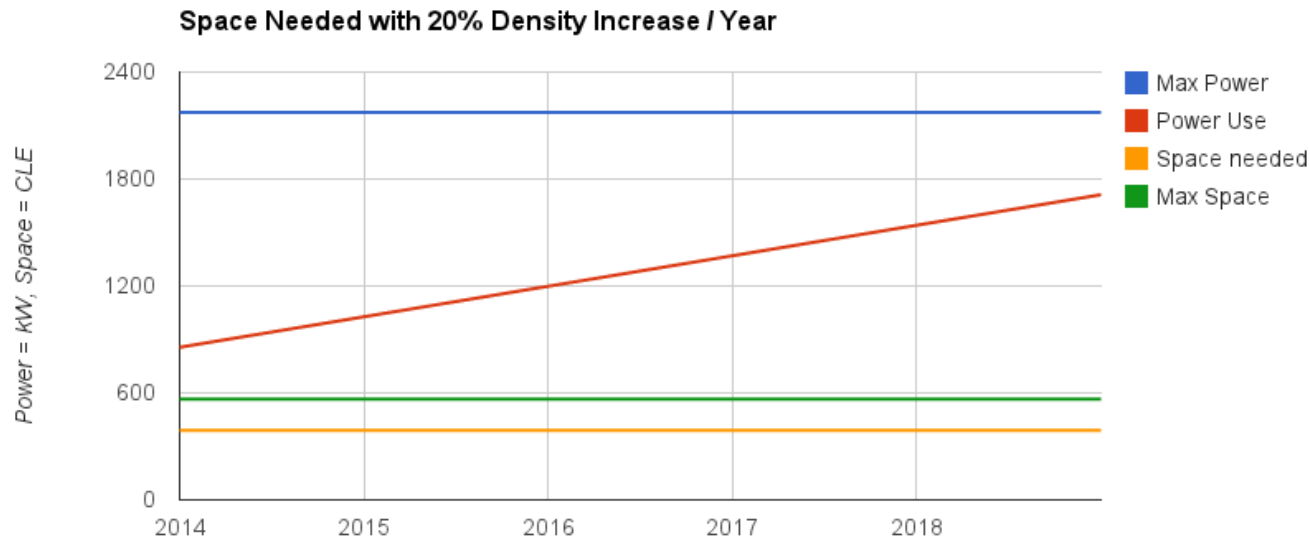
- Computing as a commodity
- Increasing research computing
 - Big Data
 - Highest Network Connectivity (HSRN)

UW-IT Response & Strategy

Adjust services to match unknown demands resulting from policy change

- Increase density per rack
 - Virtualization and HPC services share infrastructure
 - Co-location services offer shared rack space
- Increase use of cloud services
 - Administrative systems (SaaS)
 - F&A waiver to improve cost model
 - HIPAA BAA agreements with Amazon and Microsoft

Increase Density to Match Growth



- UW-IT has capacity to triple existing power density at 4545, UW Tower, and Tierpoint
- Cloud Services have unlimited capacity

Board Input and Action

Requesting endorsement of this plan:

- Are we on the right track?
- Are we missing anything?
- Other thoughts and comments?

TRF Annual Review and Recommendation

Technology Recharge Fee – FY 2016

Background

- TRF is a per capita rate applied to all UW to support a basic bundle of services
- Review and recommendation by the TRF Advisory Committee

Service Investment Board Recommendation for FY 2016

- Maintain fundamental cost allocation methodology used for prior TRF
- Increase the TRF by under 2% for FY 2016 to help offset rising cost of operations

TRF for Fiscal Year 2016

	FY11	FY12	FY13	FY14*	FY15	FY16	Chg
Campus	\$52.68	\$52.68	\$52.68	\$54.50	\$54.50	\$55.51	1.90%
Medical Ctr**	\$53.43	\$53.43	\$53.43	\$50.00	\$50.00	\$50.91	1.80%

The TRF supplements GOF/DOF resources to provide Basic Services.
Reduction of Dial Tone rate resulted in \$6M savings to campus.

* Rate change for FY14 reflects adjustment in methodology (shift in allocation of Student Admin Sys)

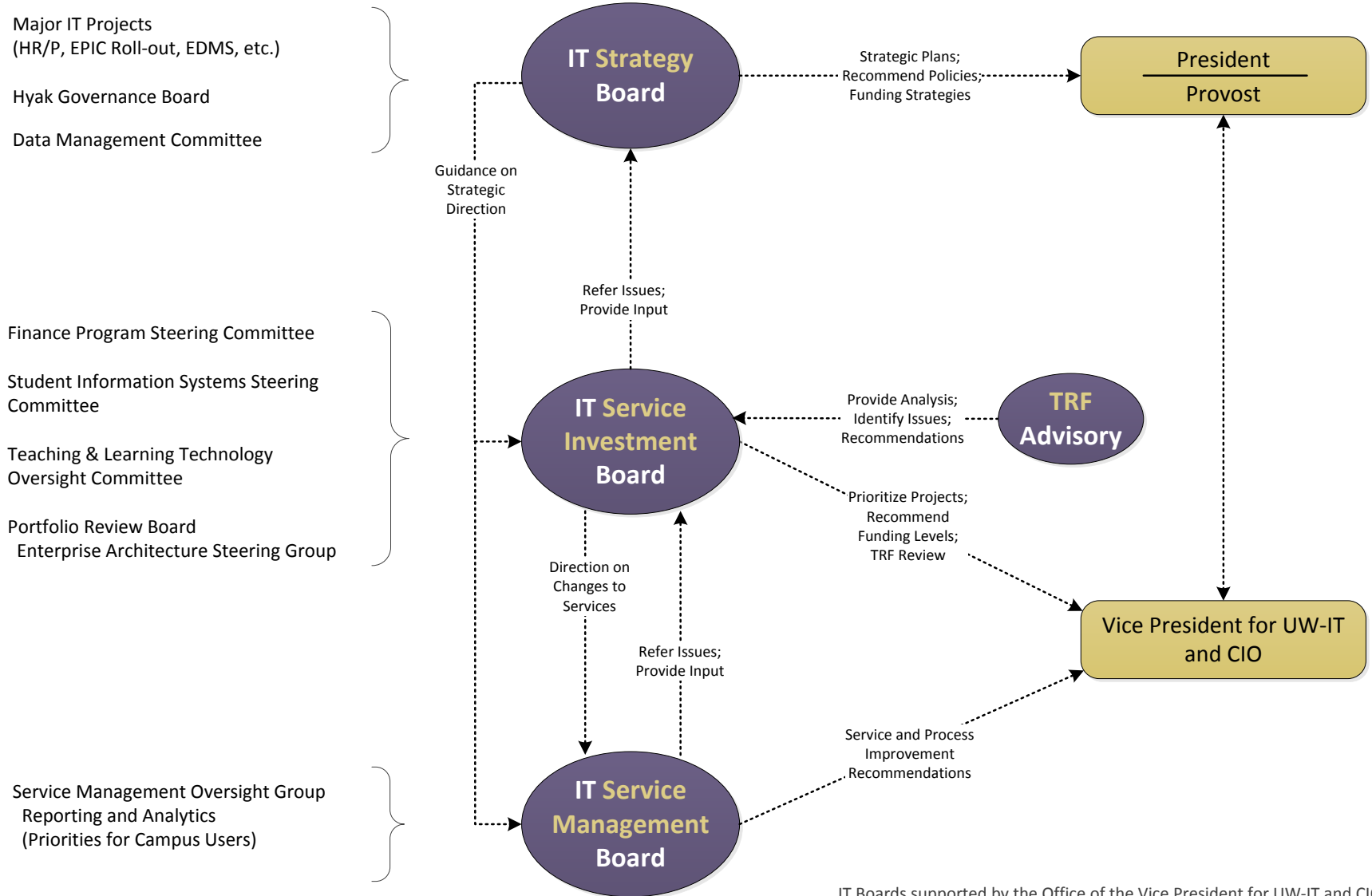
** Excluded from GOF/DOF Subsidy, Network, & Telecom billed separately. Effective Rate: \$83.69

IT Project Portfolio Executive Review

Questions & Discussion

Appendix: IT Governance Structure

Information Technology (IT) Governance



IT Boards supported by the Office of the Vice President for UW-IT and CIO

Updated: May 6, 2013

IT Governance Membership

IT Strategy Board

Kelli Trosvig UW Information Technology Chair
Gerald Baldasty Academic and Student Affairs
Joel Berg School of Dentistry
Harry Bruce The Information School
James Fine UW Medicine
Paul Jenny Office of Planning & Budgeting
Edward Lazowska Computer Science & Engineering
Mary Lidstrom Office of Research
John Slattery School of Medicine
V'ella Warren Finance & Facilities

IT Service Investment Board

Harry Bruce The Information School Chair
David Anderson Health Sciences Administration
Susan Camber Financial Management
Walt Dryfoos University Advancement
Joe Giffels Office of Research
Mary Fran Joseph UW School of Medicine
Ana Karaman UW Bothell
Jack Lee Faculty Senate
Dawn Lehman College of Engineering
Stephen Majeski College of Arts & Sciences
Gary Quarfoth Office of Planning & Budgeting
Liz Shirley UW Medicine
Kelli Trosvig UW Information Technology
Bill Ferris, ex officio UW Information Technology
Tom Sparks, ex officio College of Engineering

TRF Advisory Committee

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Tom Sparks College of Engineering Co-Chair
Amy Floit Office of Planning & Budgeting
Jonathan Franklin School of Law
David Green School of Medicine
Linda Rose Nelson College of Arts & Sciences
Barbara Wingerson Finance & Facilities
Maureen Broom UW Medicine
Betsy Bradsby, ex officio Research Accounting & Analysis

IT Service Management Board

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Suzanne Blais UW Tacoma
Kate Cullen Foster School of Business
John Drew The Graduate School
Bob Ennes Health Sciences Administration
Jan Eveleth UW Information Technology
Jean Garber School of Dentistry
Brad Greer UW Information Technology
Brent Holterman UW Information Technology
Erik Lundberg UW Information Technology
Linda Rose Nelson College of Arts & Sciences
Barb Prentiss School of Medicine
Matt Saavedra Registrar's Office
Diana Sartorius Environmental Health & Safety
Karalee Woody UW Information Technology
Mary Mulvihill, ex officio UW Information Technology