

Technology Services Board Portfolio and Policy Subcommittee Meeting

November 15, 2016

9:00 a.m. - 12:00 p.m.



WA • Office of the

Chief Information Officer

AGENDA

TOPIC	LEAD	PURPOSE	TIME
Welcome and opening remarks	Michael Cockrill	Information	9:00
Project Updates <ul style="list-style-type: none"> • SBCTC – ctclink • ESD - UTAB • DFW – WILD • ECY – Attendance Tracking Replacement (eTime) 	Rob St. John Jim Hammond Whitney Dickinson Jim Hammond Whitney Dickinson	Discussion	9:10
Agency Project Review <ul style="list-style-type: none"> • DSHS – Electronic Medical Records <ul style="list-style-type: none"> ○ Carla Reyes – Assistant Secretary, DSHS ○ Wayne Hall – CIO, DSHS ○ Sara Tripp – Behavioral Health Administration CIO, DSHS 	Rob St. John Kathy Pickens-Rucker	Discussion/Feedback	10:10
<ul style="list-style-type: none"> • Identity Management – SEAP / SAW (service) • WaTech – Identity Management (project) <ul style="list-style-type: none"> ○ Heidi Geathers – Deputy Director, WaTech 	Rob St. John Michael Cockrill	Discussion/Feedback	11:10
Legislative Updates <ul style="list-style-type: none"> • Agency Decision Packages 	Rob St. John Jim Hammond	Discussion/Feedback	11:40
Project Dashboard Review	Rob St. John	Information	11:50
Public Comment			11:55
ADJOURN – 12:00 noon			

Current TSB Portfolio & Policy Subcommittee Members

Industry Members

Kris Kutchera – Alaska Airlines*
Butch Leonardson – BECU*
Paul Moulton - Costco

Legislative Members

Sen. Mark Miloscia - Senate R

Executive Branch (Agency Directors)

Michael Cockrill – CIO & Chair

Other Government

Bill Kehoe – CIO King County
Jeff Paulsen – Labor Rep

Blue – members participating
Black – members absent

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Project Updates

Discussion

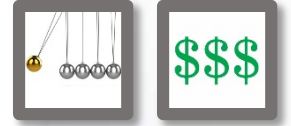
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Principles for board review of projects

	Impact project has on entire enterprise or multiple agencies, on the public, or strategy		Early exposure
	Judgment call by oversight consultants or QA consultants based on review of dashboard status		Projects in statute or budget proviso
	Significant dollar threshold – “significant” based on judgment (guidance is \$3M)		

SBCTC – ctcLink



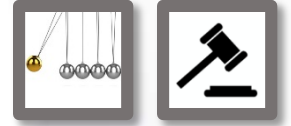
- Criteria
- Business problem to be solved
- Progress to project goals – [ctcLink Readiness Dashboard](#)
- Current status - [IT Dashboard](#)
- Discussion

ESD-Unemployment Tax and Benefit (UTAB) System



- Criteria
- Business problem to be solved
- Progress to project goals
- Current status - [IT Dashboard](#)
- Discussion

DFW – Washington Internet Licensing Database System (WILD)



- Criteria
- Business problem to be solved
- Progress to project goals
- Current status - [IT Dashboard](#)
- Discussion

ECY – Attendance Tracking Replacement System (eTime)



- Criteria
- Business problem to be solved
- Progress to project goals
- Current status - [IT Dashboard](#)
- Discussion

Questions / Discussion

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Agency Project Review

Discussion / Feedback

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DSHS – Electronic Medical Records



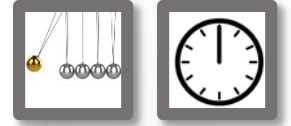
- Introductions
 - Criteria
- Project Need
- EHR/EMR Landscape
- Current status – [IT Dashboard](#)
- Go forward plan
 - Options under consideration
- Discussion

Identity Management – SEAP / SAW (service)

- Heard from projects – SEAP / SAW problems
- Start with policy – OCIO has required that agencies use WaTech service, etc.
- Michael's memo– Cat 3-4 data must use MFA through SAW

WaTech – Identity Management (project)

- Criteria
- Business problem to be solved
- Progress to project goals
 - Policy / Standards
- Current status - IT Dashboard
- Discussion



Identity Management Strategy

Cloud Enablement Program

Identity &
Access
Management

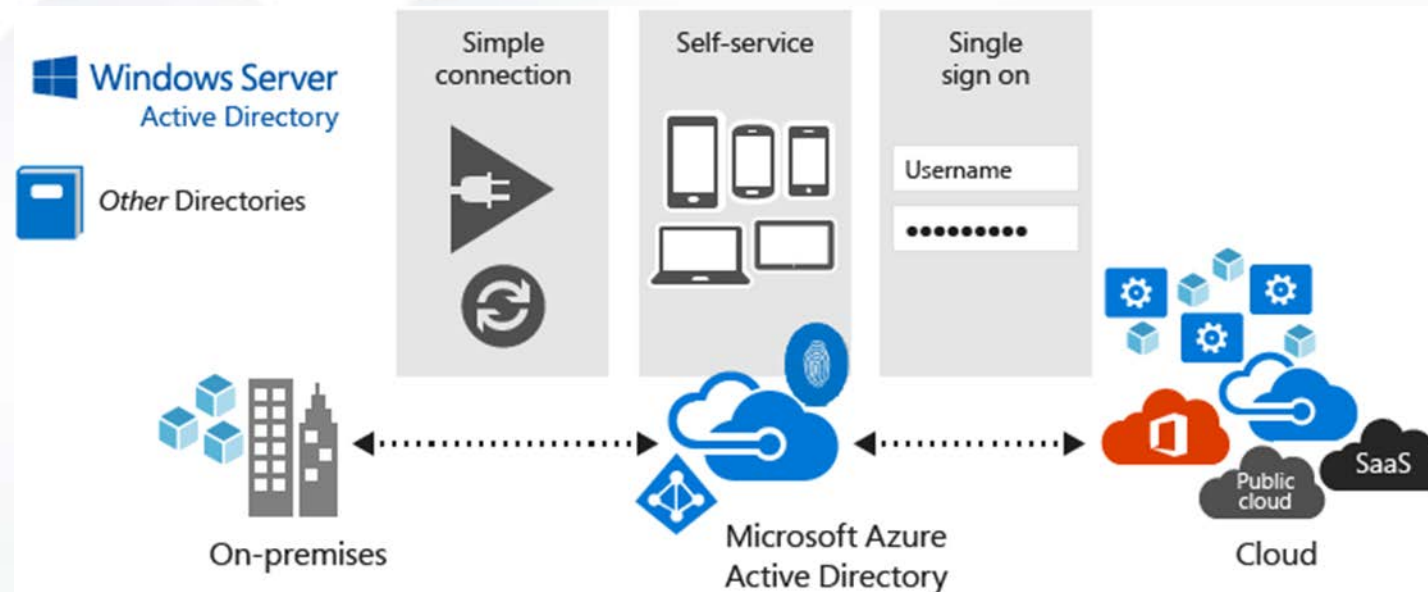
Office 365

Cloud
Infrastructure

Brokered
Cloud
Services

Our Vision is to:

Provide users with secure, easy access to applications and data using a single identity and reduce the amount of unmanaged user accounts.



Cloud services already in production

Shared Office 365 Tenant

- Activation of O365 Licenses
- Support for Office365 ProPlus

Active Directory Federation Services (ADFS)

- 100+ trusts to Software-as-a-Service providers
- Federation with other forests (DOT and Legislative service center)
- Federation with SAW provides single sign-on for external users to Claims Aware Applications in EAD

What are we doing now?

Identity & Access Management

- Phase II Project initiation
- Production Environment
- Business Process Analysis
- Active Directory Backup

Office 365

- Project Initiation
- SharePoint Online Pilot (ESD)
- OneDrive for Business Pilot (ESD)
- Project Online Pilot (WaTech)

Cloud Enablement

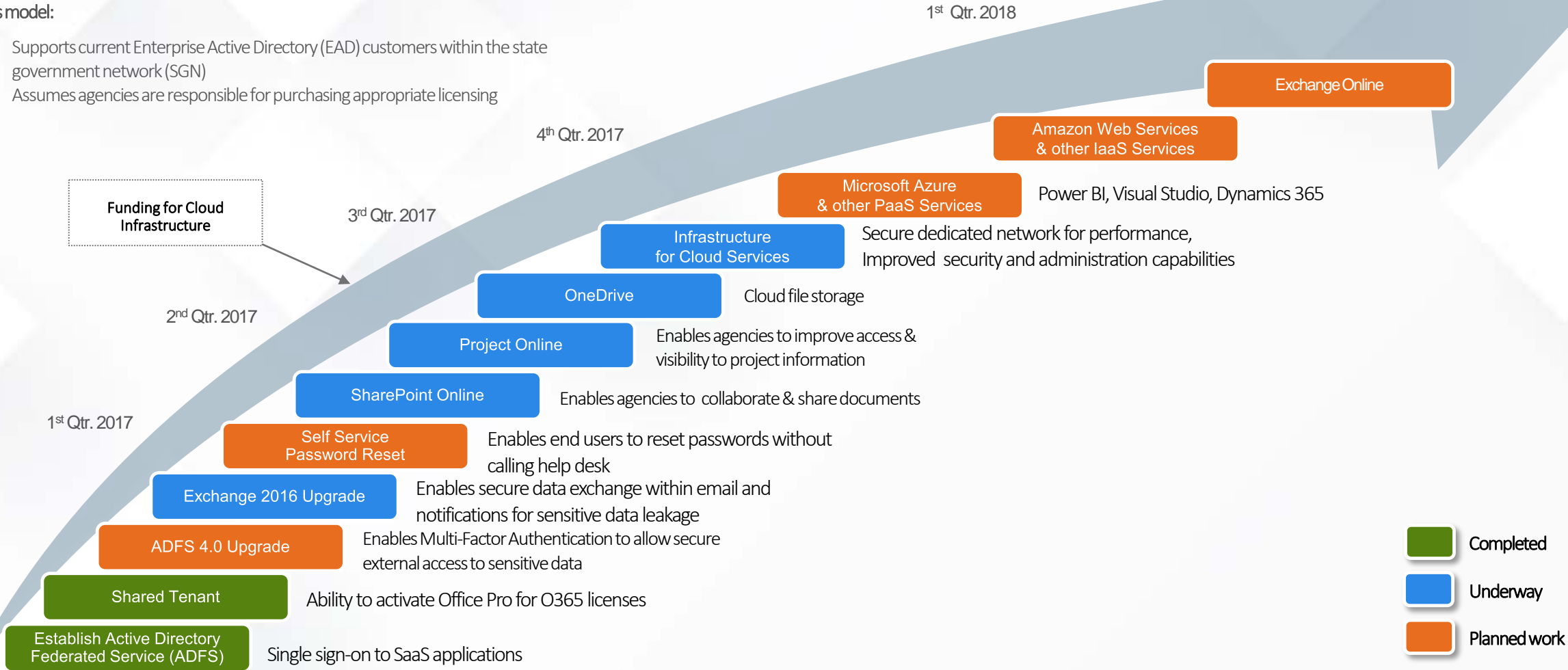
- Amazon Web Services (HCA)
- Azure Development (ESD)
- Agency Consults (DSHS, DFW, ESD, DOH, ECY, LNI, LCB, MIL, PDC, and counting...)

Cloud Services Roadmap

This roadmap depicts the major milestone activities of WaTech to enable the State of Washington to take advantage of cloud services provided by Microsoft and other vendors.

This model:

- Supports current Enterprise Active Directory (EAD) customers within the state government network (SGN)
- Assumes agencies are responsible for purchasing appropriate licensing



Funding for Cloud Infrastructure

Estimated dates are for initial feature sets. WaTech will advertise additional features as they become available.

Skype for Business WaTech is researching an implementation approach for Skype for Business Online to identify where to deploy in the roadmap. The roadmap will be updated monthly and results of the research will be communicated with agencies.

IAM Phase II Objectives

Establish Hybrid Identity

- Upgrade to ADFS 4.0
- Upgrade to AAD Connect
- Azure MFA integration with ADFS

WaTech IAM Production Pilot

- Deploy MIM Services
- Implement SSPR, User and Admin Portals
- Implement Group Management
- Establish HRMS data feed
- Approvals and workflows
- Evaluate Reporting
- Evaluate PAM

Enhance EAD

- Standardize EAD attributes
- Replace PSK with certificates
- EAD object-level backup
- Standardized Documentation
- Update OCIO IAM Policies

What's new in ADFS 4.0? (Active Directory Federation Services)

- Multi-factor authentication integration with Azure Active Directory Premium.
- Support for newer federation protocols such as OAUTH.
- Device Registration for non-Windows devices.
- Fine grained conditional access rules that can be customized per application.
- Customizable user interface.
- Web Application Proxy for extranet access to claims aware applications.
- Home Realm Discovery based on organizational suffix – no more pull down list.
- Certificate authentication.

Questions / Discussion

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Legislative Updates

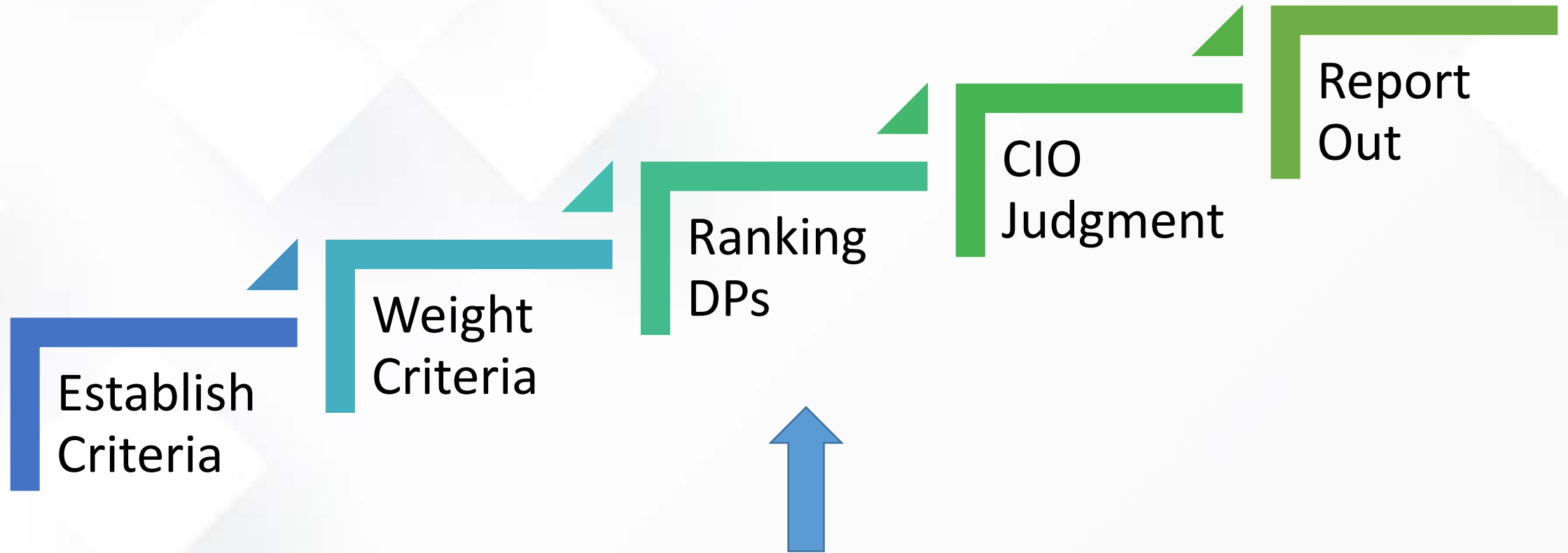
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IT Budget Request Prioritization FY17-19

Where Are We?



IT Budget Request Prioritization FY17-19

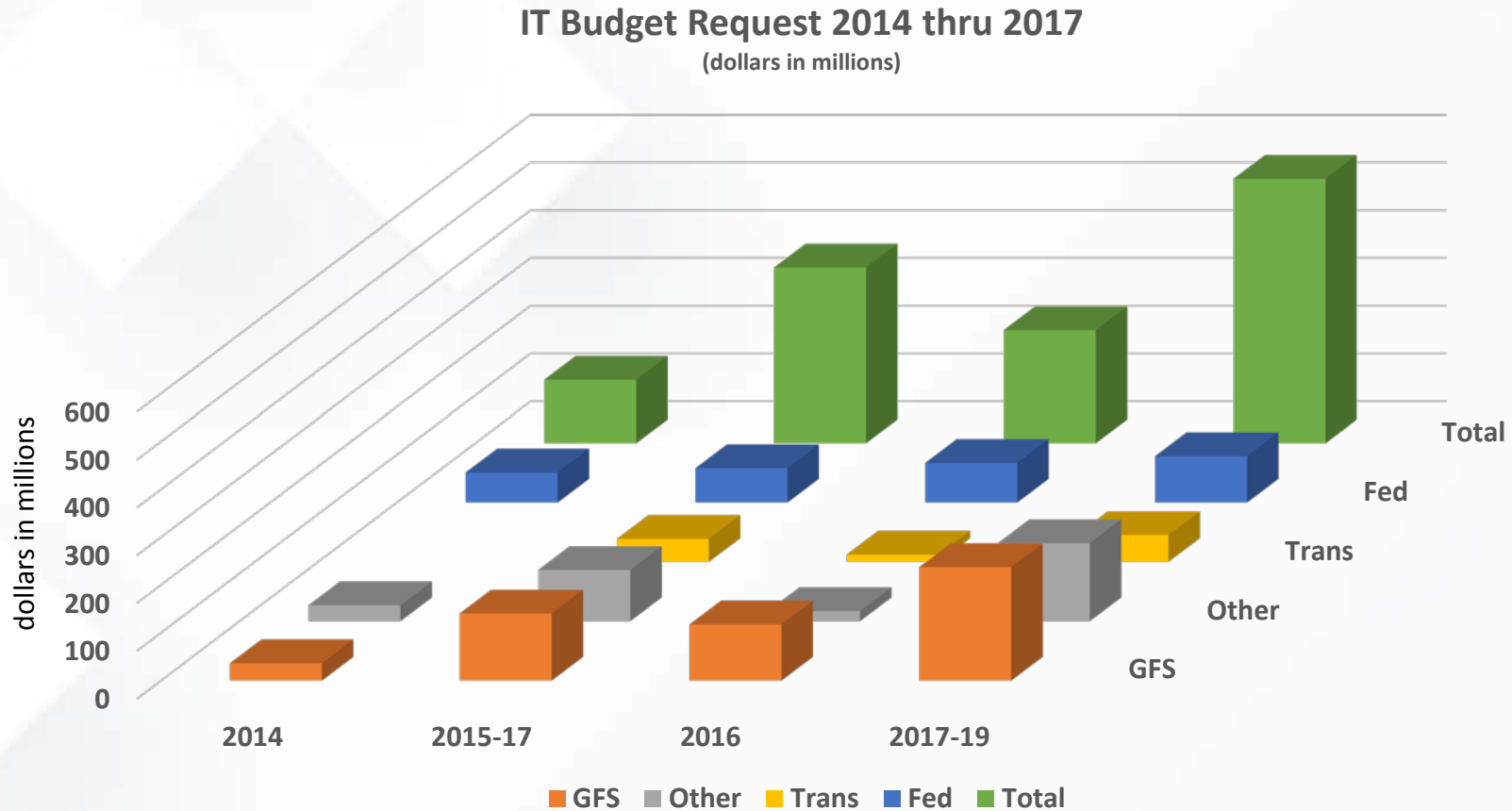
Preliminary Numbers (compared to previous years)

Budget Years	DP Count	Fund Sources (millions)				TOTAL (millions)
		GFS	Other	Trans	Fed	
2014	65	\$36	\$33		\$63	\$132
2015-17	117	\$140	\$107	\$48	\$72	\$367
2016	54	\$117	\$21	\$15	\$83	\$236
2017-19	147	\$237	\$163	\$56	\$97	\$553

2014	65	27%	25%	0%	48%	100%
2015-17	117	38%	29%	13%	20%	100%
2016	54	50%	9%	6%	35%	100%
2017-19	147	43%	29%	10%	18%	100%

IT Budget Request Prioritization FY17-19

Preliminary Numbers



IT Budget Request Prioritization FY17-19

What We Are Seeing

- TOP DOLLAR REQUESTS
- STATE DATA CENTER REQUESTS
- IT SECURITY FOCUS
- ADMINISTRATIVE / FINANCIAL
- RADIO SYSTEMS

Project Dashboard Review

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Project Dashboard



I.T.'s Transparent : Project Dashboard

Building Trust in Washington State's Information Technology Investments

The Office of the Chief information Officer ([OCIO](#)) is committed to enhancing the transparency of information technology (IT) projects in Washington State. In order to facilitate this enterprise-wide transparency around major information technology projects the ([OCIO](#)) has launched this centralized, publicly accessible, web-based reporting tool.

By statute ([RCW 43.105.245](#) and [RCW 43.105.255](#)) the [OCIO](#) is required to approve and monitor all major IT projects occurring in any executive branch agency or institution. By statute ([3ESSB 5034](#); Section 944) the [OCIO](#) is also required to provide web-based transparency into the documents that support approval and oversight of these projects.

As you explore the projects on this dashboard please note it is the responsibility of each of agency, with the support of the [OCIO](#), to reflect the current status of each project and maintain the documentation that allows for transparency.

If you have questions about the dashboard please contact the [OCIO](#) Consultants at OCIOConsultants@ocio.wa.gov.

[View all projects](#)

Agency	Number of Projects	Total Project	Search
Arts Commission, Washington State	1	\$305,000	
Caseload Forecast Council	1	\$61,775	
Community and Technical Colleges, State Board for	1	\$100,000,000	
Corrections, Department of	3	\$3,181,999	

Public Comment

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