



Colleagues who've joined us since April 2022

Some from outside of DoIT, some transferred within

Academic Technology

Amber Leigh Gray
Jay Lema
Leah Bowers
Christie Pitzner Lalande
Dariane Drake

CTO Office

Zekai Otles
Yifei Ye
Casye Gibbons

Cybersecurity

Allen Monette
David Morrison
Steven Schroeder
Bridget Bartell
John Snamiske

Application Infrastructure Services

Michael Hall
Christie M Chapa
Collin Parker Krause
Scott Reeser
Jared Balkman
Lauren Burkhardt
Samuel Carpenter
Rebecca Amber Wheeler
Alice Loredana Spalitta
Andrea Roenning
Richard Markiewicz
Sara Walters
Amanda Meyers
Tyler Ratkowski
Uma Prakash
Jong Hwa Park
Andrew Parmer
Lawrence Hughes

DPPS

William Vlasak
Austin Paul Garetson

Enterprise Business Systems

David Ward
Martin Markee
Pramitha Nalini
Ann Hommer
Ryan Schwenn
Diane Tebeau

Financial Services

Daniel Pierce

Human Resources

Kartelyn Spanbauer
Adam Fermanich

Project Management Office

Daniel McHugh
Joseph Kelly
Jessica Lindsey Esse
Suzanne Broadberry
Jill Hietpas

Systems Engineering & Operations

Kenneth Kyburz
Aaron Wierschke
Samuel Hogenson
Blair Fogeltanz
Hallah Hussien
Christopher Lund
Duane Ruocco

Network Services

Chance Homme
Patrick Christian
James Leu
Joshua Anspach

User Services

Matthew Backus
Jessica Henderson
Eric Schowalter
Samuel Hoffman
Rema Denruiter
Bill Tishler
Mathias Mahnke
Jade Mae Schill
Alexandra Gregson
Ronald Parpart
Rachel Larson
Steven Sanders



DoIT All Staff Meeting

Nov 7, 2022



Meet DoIT leadership



Budget update

Lois Brooks



University context

2021: Pandemic impacts led to budget cuts

Lost revenue:

- State funding lapse
- Events canceled: athletics, union, etc.
- Housing
- Parking
- Research and overheads

More expense

- COVID remediation
- Testing

2022: Recovery

Revenue increases due to:

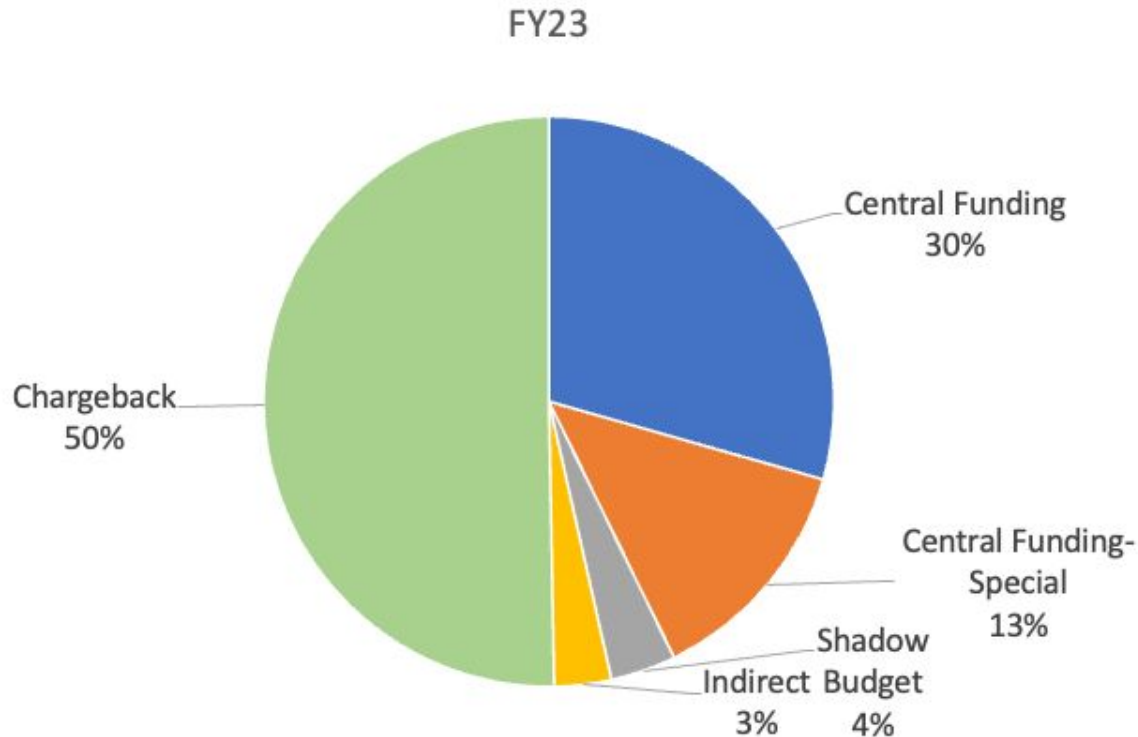
- More students and tuition dollars
- Government pandemic aid

Expenses stabilizing as pandemic measures end.

- COVID remediation
- Testing



DoIT fund sources



Changes from last year:

- AIMS joined us
- Instructional design team to VPTL
- Pay plan and salary range adjustments



General funds distribution



Changes from last year:

- Slight shift from expenses to salaries



Principles and process for budget allocation

1. Serve the academic mission.
2. Invest in staff, ensure training and professional development.
3. Ensure Infrastructure and services remain robust to enable the academic mission and enterprise goals.
 - Modernize services and approaches.
 - Invest to improve capabilities and efficiency, or to reduce tech debt.
 - Ensure the cybersecurity of the university.
 - Reset expectations about historic norms and agreements that are inconsistent with current priorities.
 - Consider full range of options for completing work, including a mix of staffing, temps, outsource support, and (especially) automation.
4. Understand and prepare for high pressure points: financial and human resources related to ATP.

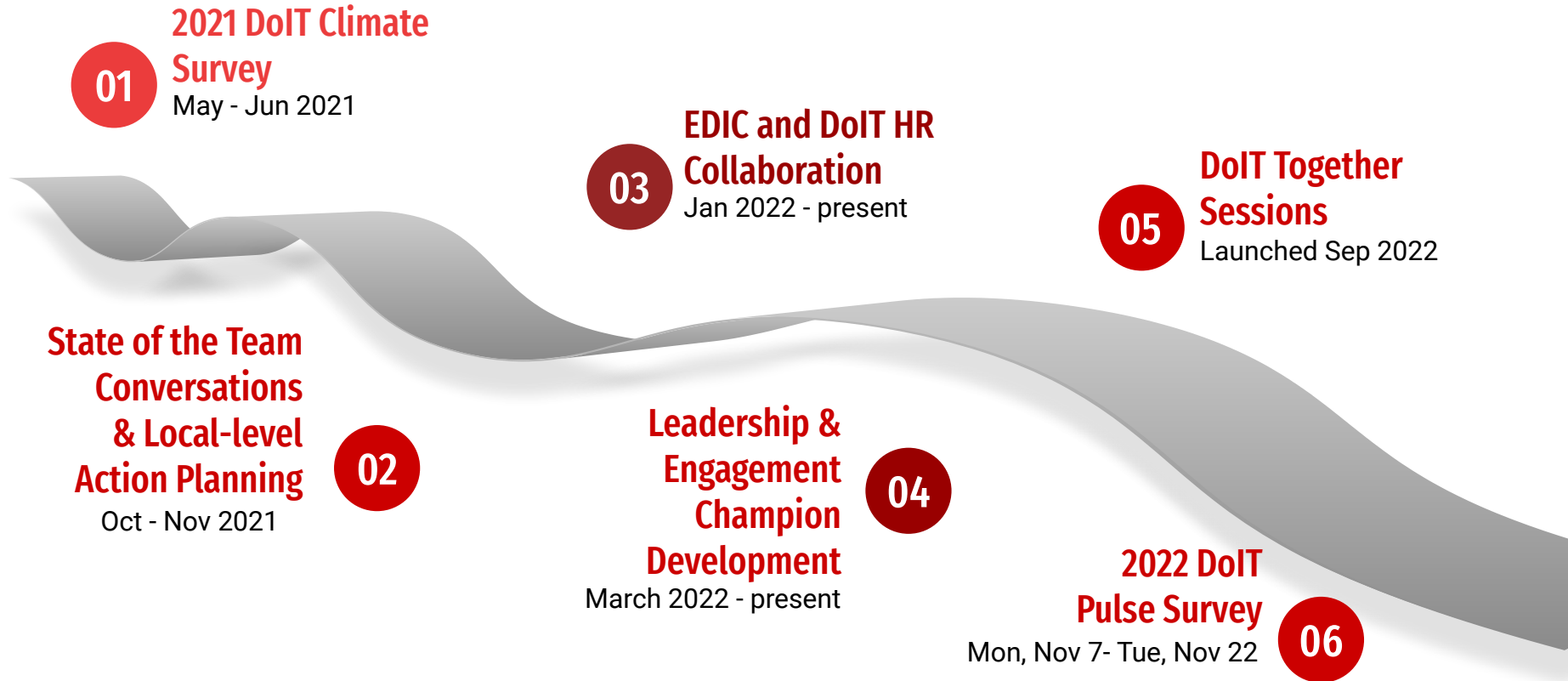


Climate Survey updates

Mandy Stib



DoIT engagement journey



DoIT engagement champions





DoIT engagement champions

Department	Engagement Champion
Academic Technology	Chad Shorter
CTO Office	Mike Layde
Enterprise Business Systems (EBS)	Jodi Dunn
Cybersecurity	Kim Miller
Project Management Office (PMO)	Jessica Esse
Application Infrastructure Services (AIS)	Crague Cook
Network Services (NS)	Care Adametz
Systems Engineering & Operations (SE)	Mike Vavrus
User Services (US)	Caitlyn Clark
Communications	Corissa Runde
Financial Services (FS)	Lae Thompson
Human Resources	Lorelei Fries & Mandy Stib



IT Strategic Priorities

Overview

Lois Brooks



IT Strategic Priorities

People

Lois Brooks



IT Strategic Priorities

Advance research computing & data science

Todd Shechter



Efforts underway

Create a coalition to enhance and expand services enabling researchers to leverage university GPU computing, storage and the cloud.

- **Research storage future planning**
- **Research data center planning and implementation**
- **Research computing partnerships**
- **Public cloud infrastructure**
- **Research cyberinfrastructure growth**
- **New advisory committee**



Recognizing those involved



**CIO Brooks and Deputy
CIO Pagenkopf**

**CTO Office/Research
Cyberinfrastructure**

Financial Services

**Systems Engineering &
Operations**

Network Services

Communications

**Application Infrastructure
Services**

Cybersecurity

User Services

Academic Technology

**Enterprise Business
Systems**

Human Resources



IT Strategic Priorities

Learner success & educational innovation

Tamara Walker



Learner success & educational innovation

Projects

- Teaching & Learning Software Landscape
- LMS Integration Agreement
- edX
- NameCoach Expansion
- Canvas Student Learning Resources
- DEIB Microgrants
- LAVA
- DEEP

Partners

- Vice Provost, Teaching & Learning
- Dean of Students
- CTLM
- Division of Continuing Studies
- Office of Compliance
- Center for the First Year Experience
- Office of Undergraduate Advising
- Student Learning Assessment
- Office of the Registrar



IT Strategic Priorities

Cybersecurity to the Edge (C2E)

Dave Pagenkopf



C2E program overview

IT Strategic Priorities (2022-2025)



5: CYBERSECURITY

Extend the security framework to prevent, detect & manage threats across the university, encompassing all devices connected to the network or accessing university data, systems and processes.

Cybersecurity to the Edge (C2E) Program

Workstream 1
Program manager:
Sabrina Messer

Workstream 2
Program manager:
Shannon Larson

Active Directories

Endpoints (Individual
Computer Security)

Firewalls

IT Security Dashboard

Alert Management -
Enhancement (SIEM)

Layered Security

Restricted Data in Cloud
(AWS & Azure)

Campus Pen Testing



Cybersecurity to the Edge

Reducing risk across the university



C2E Program Workstream 1 Overview

Why are we doing this work?

More than any other industry, educational institutions are under regular attack by cyber miscreants. UW–Madison is no exception.

Cybersecurity to the Edge (C2E) is a set of initiatives identified to significantly reduce risk across the university landscape in the short term and provide a robust campus security posture to mitigate future challenges.

The outcomes of these efforts will support the fundamental components of a unified cyber hygiene approach across campus information technology resources, and in collaboration with campus partners.

What's the current status?

Planning for Endpoint communications that include both policy and project touch points. Gathering broader feedback on Firewall best practices prior to publication. Gathering feedback on a draft IT Security Dashboard. Analyzing results from the automated process for AD baseline attestation for Q3 CY2022. Follow-up with 16 partners that did not complete the attestation process.

- Overall Health ✔
- Risk ✔
- Scope ✔
- Schedule ✔
- Budget ✔

What's done?

The **AD Risk Mitigation** project team met with Quest professional services to kickoff the pilot with infrastructure configuration and staff training. The automated attestation window closed with 70% of partners completing the process on time.

The **Endpoint Security** project team reviewed with partners an initial assessment of which UDDS codes do not have Qualys and AMP deployments. This info will be used for direct communications and deployment tracking.

The **Firewall Administration** project team shared phase 1 deliverables with sponsors for feedback and finalization.

The **IT Security Dashboard** project team met with representatives from L&S to review the current wireframe draft and collect feedback.

Stay connected

Program updates

Join the program mailing list and receive updates right to your inbox twice per month!

Send an email to: c2e-updates+subscribe@g-groups.wisc.edu

Program website



C2E

Program feedback form



Share your feedback with us!

Contact the Office of Cybersecurity

cybersecurity@cio.wisc.edu

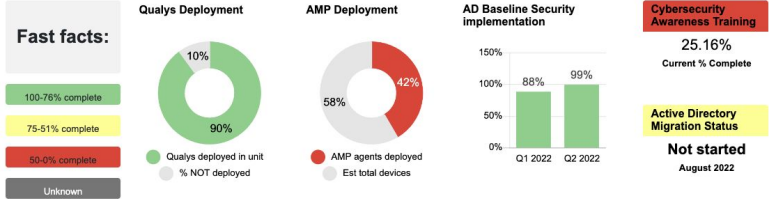
[C2E Program Dashboard - Workstream 2](#)

Current dashboard: 10/26/22

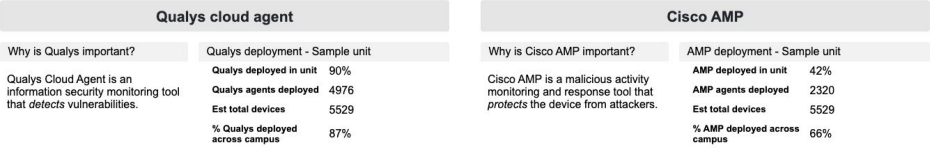
Next dashboard: 11/9/22



IT Security Dashboard: *Insert unit name*



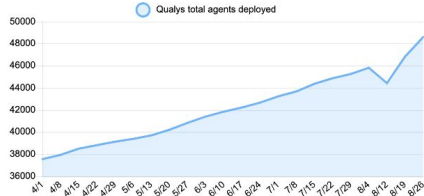
Endpoint Security project



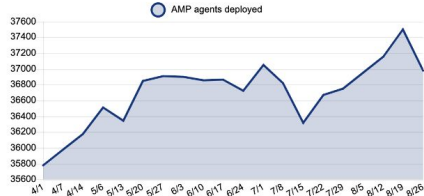
Parameters used for data extracts

- Qualys agents deployed is taken from the Cybersecurity console, which tracks endpoints reporting in over the last 60 days.
- Estimated total number of compatible devices was estimated based on an average of three data points: (1) self-reported endpoint management data gathered as part of C2E Advocate interviews in June 2022, (2) self-reported inventory data gathered during the IT Asset Reporting exercise in 2021, and (3) a linear model leveraging known data points including MAC address info in AAANTS, FTE counts in Tableau, and UDDS information.

Qualys Deployment Totals - All Campus

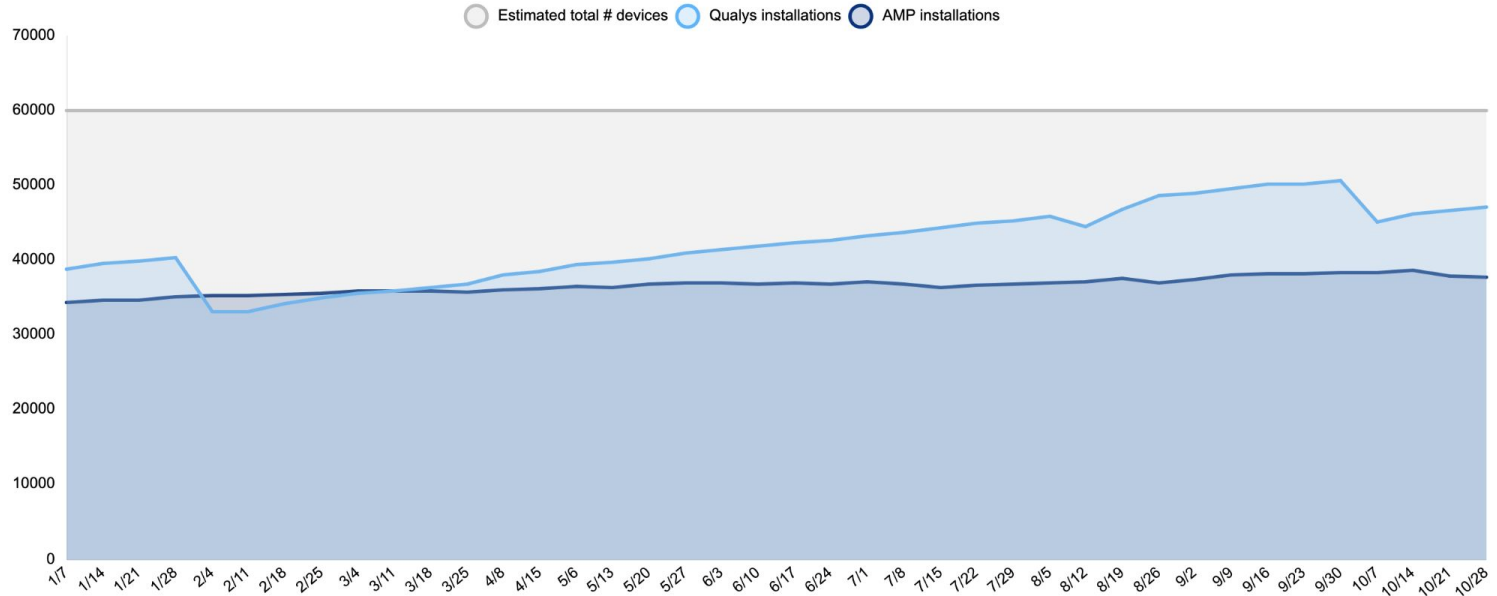


AMP Deployment Totals - All Campus



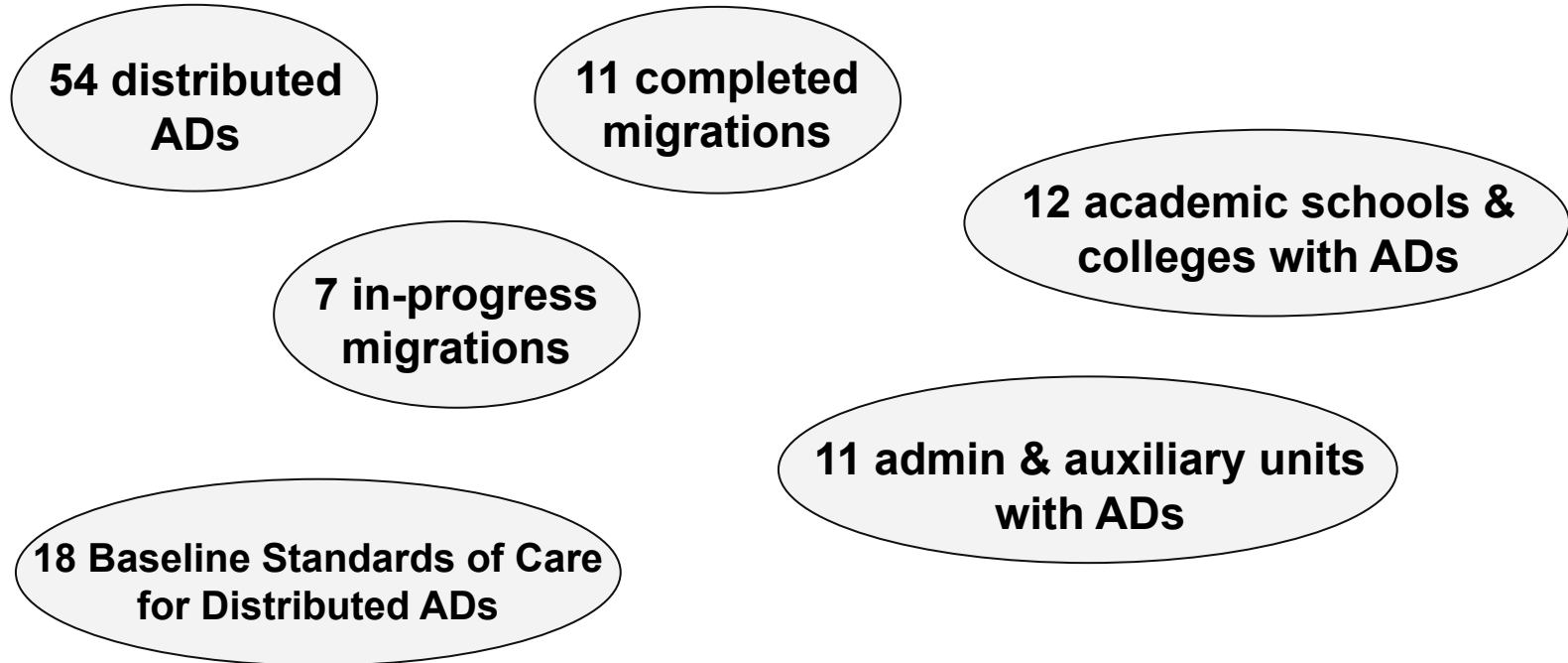


Endpoint Protection: Deployment of Qualys Cloud Agent & Cisco Secure Endpoint



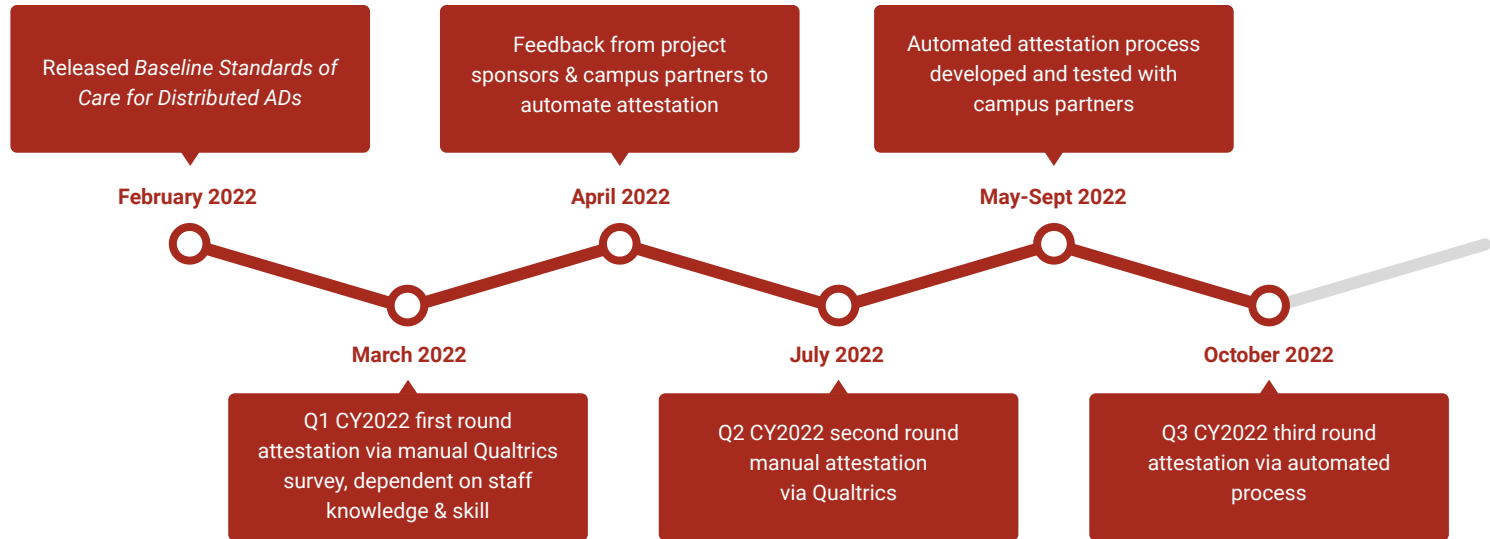


Active Directory: Landscape





Active Directory: Baseline Security Standards & Attestation





Active Directory: Baseline Security Standards

Low Effort

1. Validate Privileged Group Admins
2. Leverage the Local Admin Password Solution (LAPS)
3. Validate firewalls both on the DCs (host firewalls) and at the campus network firewall
4. Install Cisco Secure Endpoint (AMP)
5. Install Qualys Cloud Agent
6. Review group policy or administrative policy on which accounts can log in where
7. Review linked group policies
8. Ensure you are not reusing passwords across applications for administrator accounts.
9. Verify you are not using a domain admin account for other purposes outside of Tier 0 applications.
10. Disable AND rename the default Administrator account
11. Awareness of circumstances for when to enable Active Directory Diagnostic Logging
12. Check for replication and DCdiag failures

Medium Effort

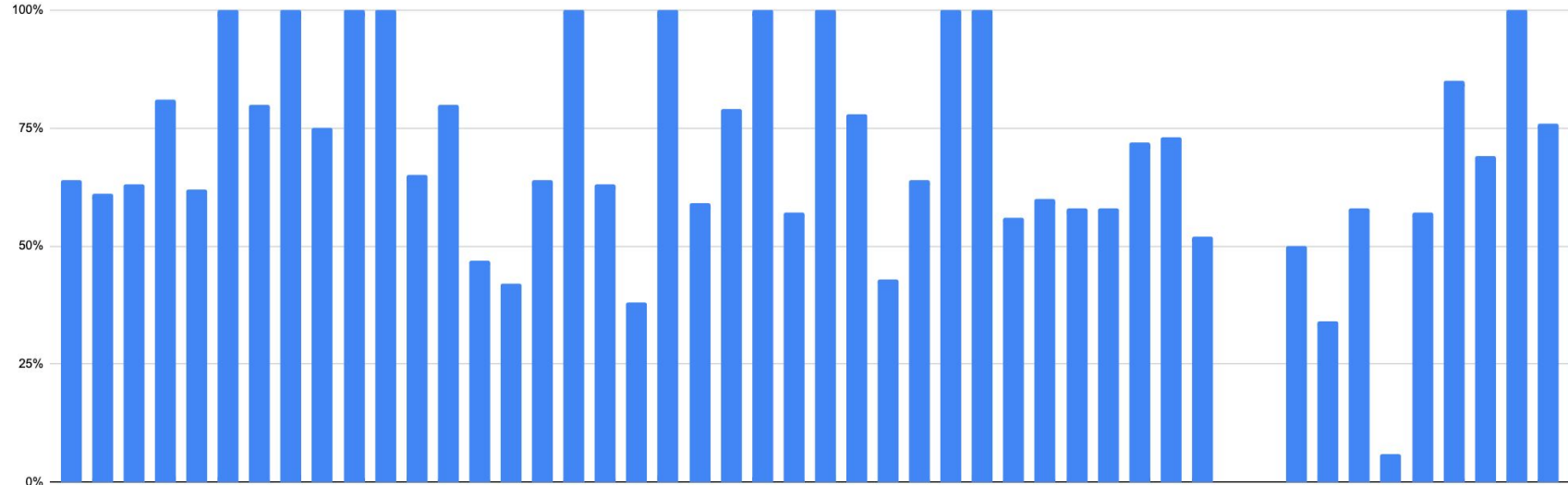
13. Review specific ACLs on all org units including the root
14. Delegate appropriate access
15. Ensure backups are working and validate your disaster recovery plan
16. Fine-grained Password Policy
17. Recommended Event Logging

High Effort

18. Set up basic tiering



Individual AD Avg. % Baseline Implementation



We're tracking compliance by school/college/division



Firewall Administration: Baseline Practices

**4,000+ virtual
networks**

**1,140+ unique “trusted”
security zones**

**220+ delegated firewall
administrators**

**200+ virtual
firewalls**



**Security
awareness is
everyone's job!**



Administrative Transformation Program (ATP) update

Adam Paulick

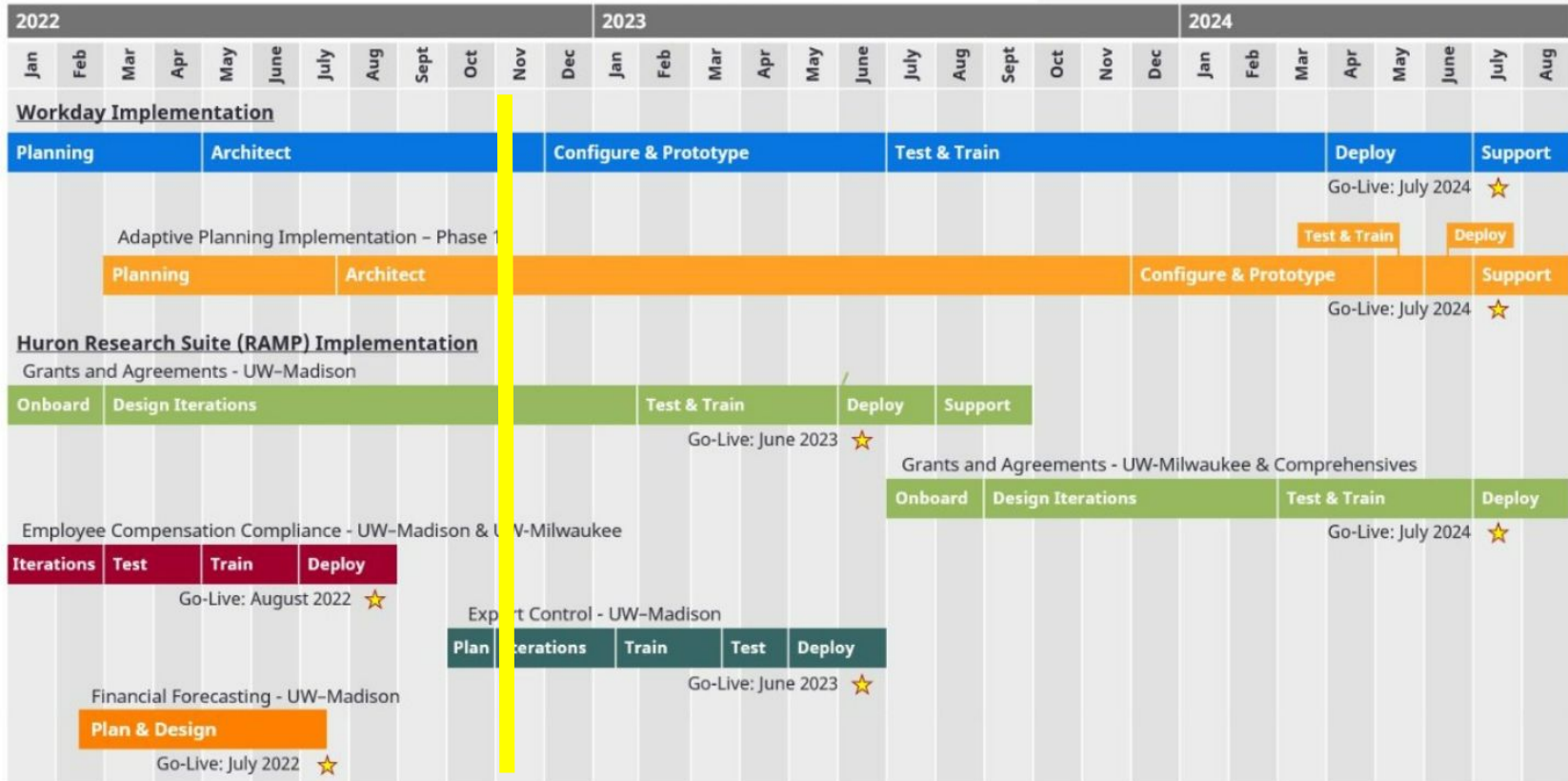


What is ATP?

The Administrative Transformation Program (ATP) is on a mission to rebuild finance, human resources, and research administration systems and services at every institution within the University of Wisconsin System. The goal is to reduce the complexity of the current administrative environment and refocus valuable staff time on UW's mission of education, research, and outreach.



Timeline





Select Updates

- Executive sponsor change
- Business process discovery and design
- UDDS tooling
- Data conversion
- Integrations
- Research Administration Modernization (RAMP)



What's Next

- Architect phase closeout
- Configure-and-prototype phase



Materials and Resources

- [Program website](#)
- [Program overview](#)
- [Full UW System ancillary system list](#)



ERP Ancillary Systems Program (ASP) update

Patrick Hare, Morgan Andersen



What is ASP?

A partnership with the Administrative Transformation Program (ATP), Administration Innovation and Planning (AIP), and UW–Madison schools, colleges, institutes and divisions to assist with the Workday implementation on UW-Madison.



What is an “ancillary system”?

- System or process outside of PeopleSoft that interacts with or relies upon PeopleSoft HR or financial data
- System or process that relies on the current chart of accounts (e.g., UDDS*, Department ID, Program, Account, Fund, etc.)

*UDDS = Unit, Division, Department, Sub-department



Major ASP Goals



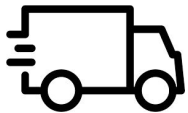
Identify UW-Madison list of HR/Finance ancillary systems



Work with ATP, AIP and system owners to **determine the best path** forward



Work with ATP to prioritize and **develop institutionally curated** HR and Financial integration **interfaces**



Transition or retire all UW-Madison ancillary systems currently requiring HR and Finance data



Why do we need ASP?

- Prepare UW-Madison “ancillary systems” for the Workday transition coming in June 2024
- Opportunity to modernize and secure systems
- Assist AIP in administrative process improvements



Ancillary System Inventory

- 900+ systems, reports and processes
- Possible dispositions:
 - Replace/partially replace: Core processes will move fully or partially to Workday
 - Keep: Evaluate for improvement opportunities
 - Not impacted

Who's involved?



ASP Executive Sponsors

Rob Cramer
Lois Brooks

ASP Team Leadership

Adam Paulick
Morgan Andersen
Patrick Hare

ASP Team

Tom Jordan*
Lead Architect

IT Change
Management

BA Team

IT Help Desk
Liaison

Integrations Team

EA Liaisons

Platform Team

Cybersecurity

Data Lake Team

Communications

Key Partners

System
Owners/Teams

DoIT/AIS

SCID Leadership

DoIT/EBS

UW System/EAP

DoIT/Cybersecurity

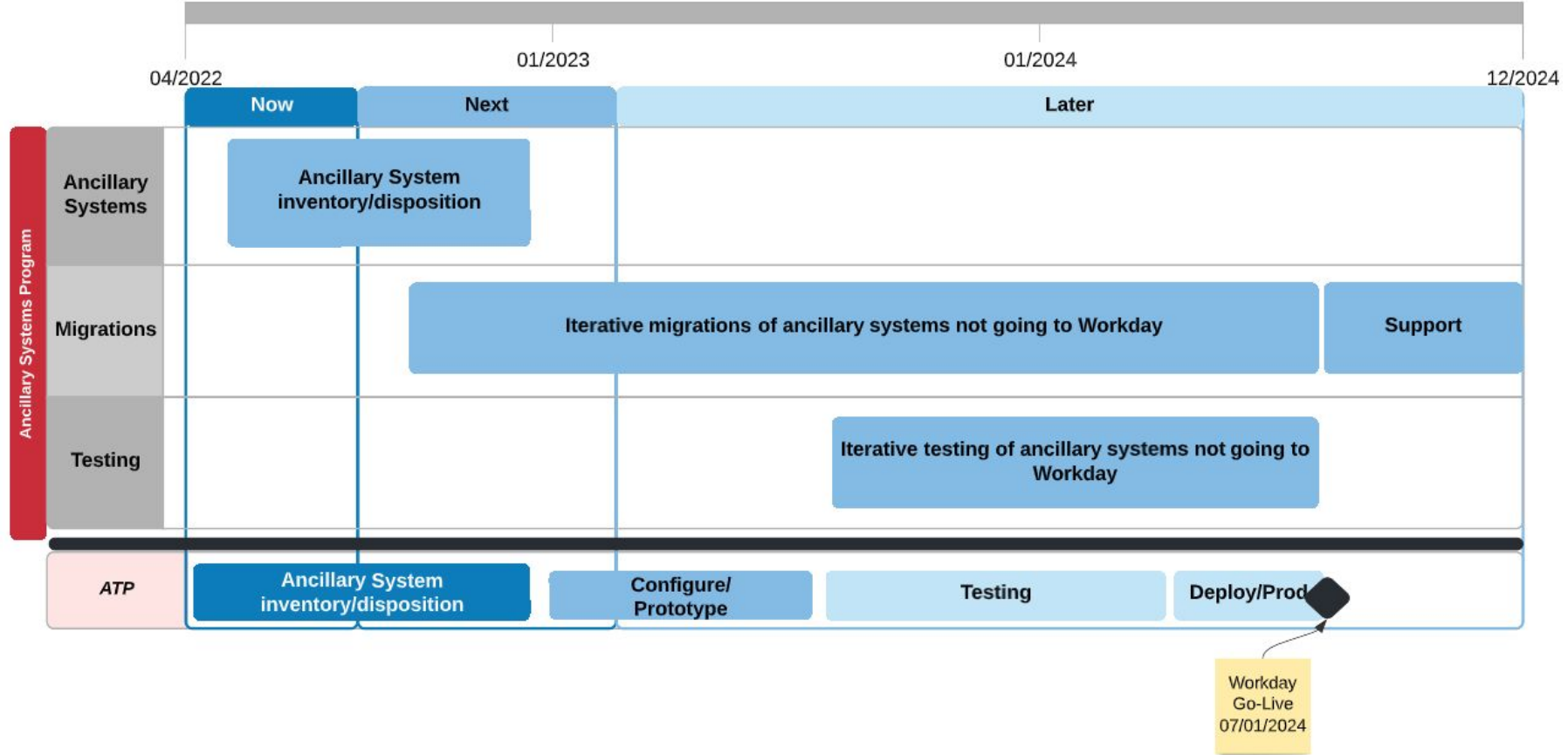
VCFA/AIP

DoIT/CTO Office

ATP



Timelines through July 1, 2024





Program Status in Numbers

145

total SCIDs*
identified

916

total ancillary
systems

697

initial
dispositions
made

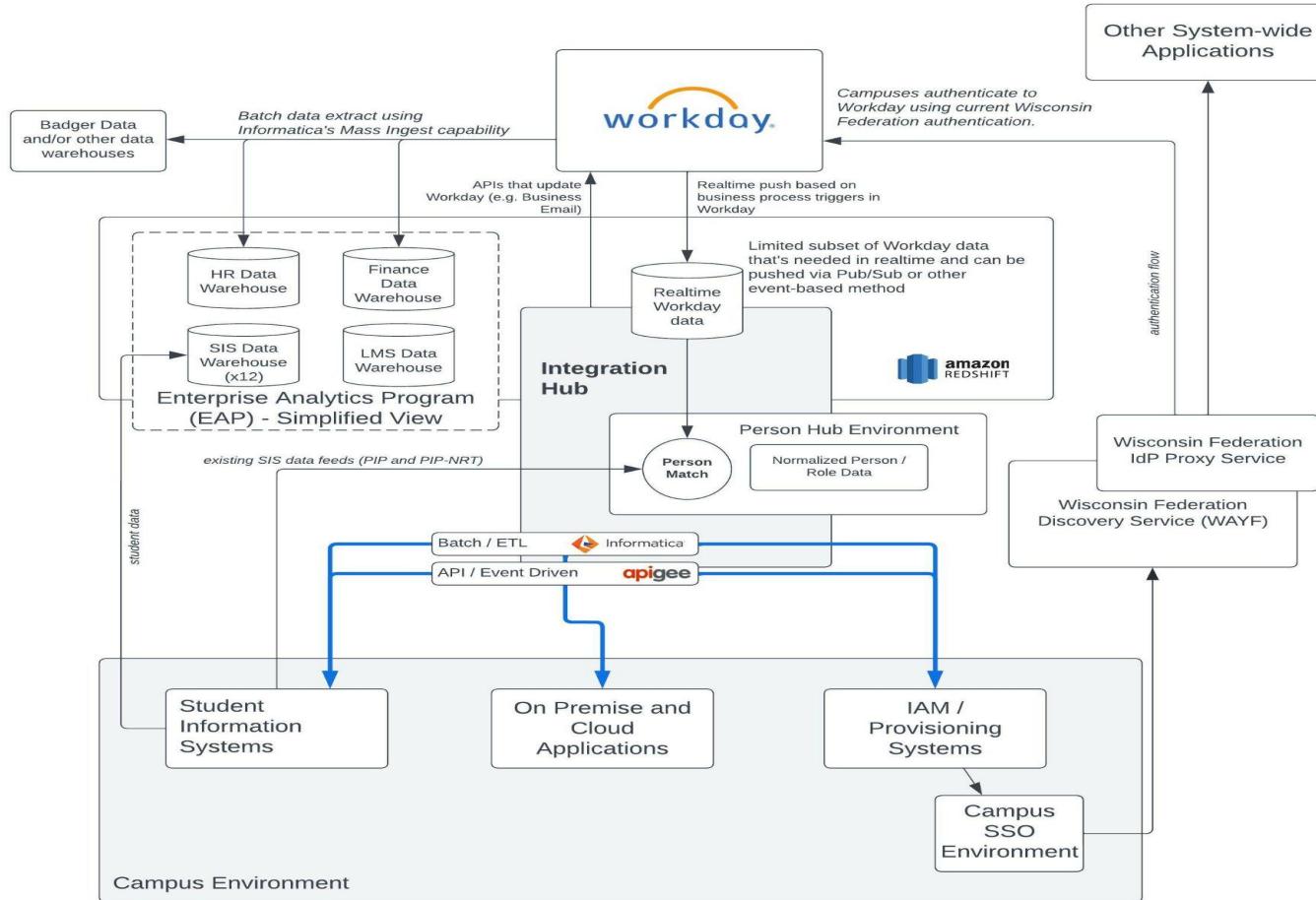
332

initial “keep”
dispositions
made

*SCID = School, College, Institute, Division

**Numbers as of 11/04/22

Workday Integration Strategy Architecture





Materials and Resources

- Executive summary: <https://go.wisc.edu/wn4202> (PDF)
- Program website: <https://asp.wisc.edu/>
(On the site, you can add your name to our mailing list to get updates)
- Program dashboard: <https://go.wisc.edu/ep34tq>
- Program metrics dashboard: <https://go.wisc.edu/g6x539>
(updated weekly - may need to request access)



Our ask of you

Review the system list and let us know what systems might be missing...

- Program metrics dashboard: <https://go.wisc.edu/g6x539>
- Missing ancillary system form: <https://go.wisc.edu/a71380>

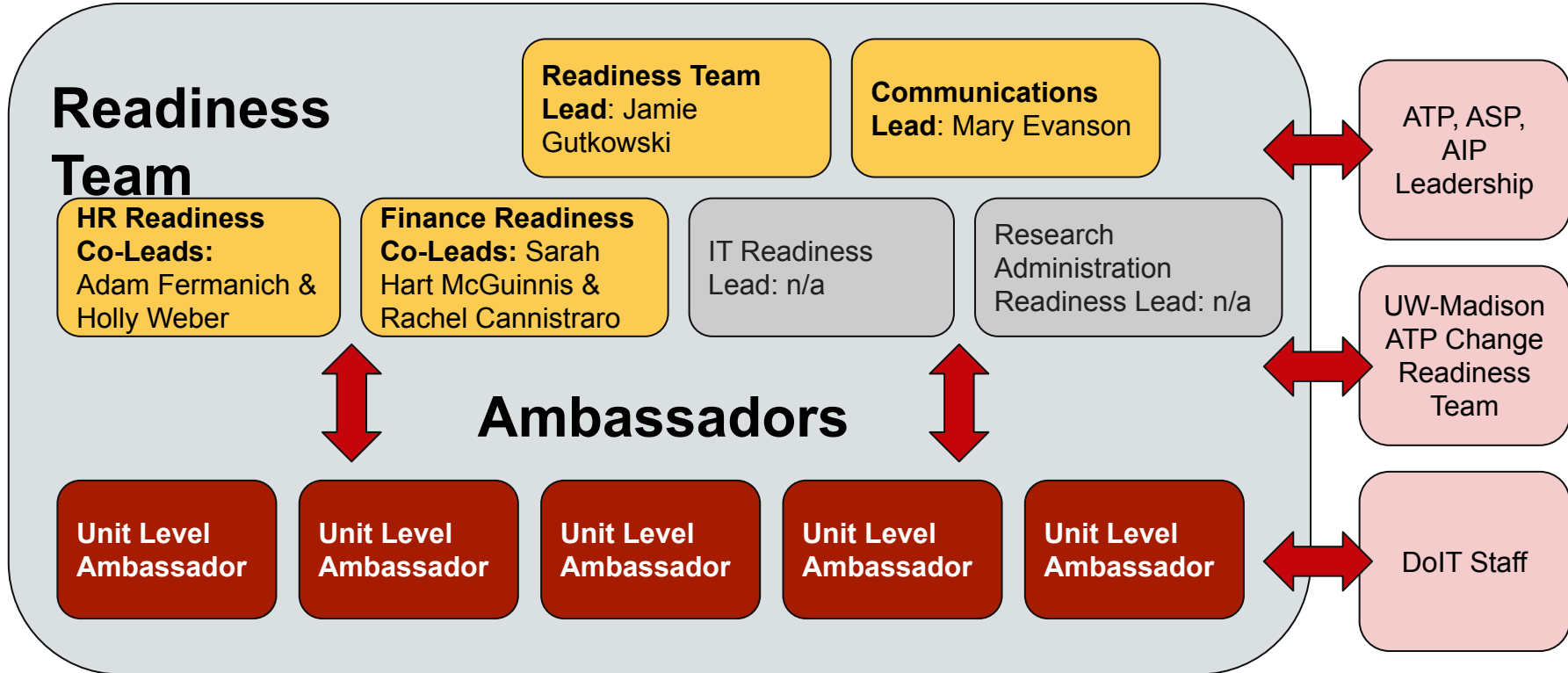


DoIT ATP Change Readiness Team

Jamie Gutkowski



What is the DoIT ATP Change Readiness Team?





What are we here to do?

- Build confidence and excitement for how to use Workday and the Huron Research Suite
 - Get connected to ATP news
 - Learn about trainings and workshops
 - Increase awareness on eventual system and business process changes
- Help bring feedback to the appropriate areas of ATP



What can you do right now to prepare for ATP?

- Make time to get familiar with ATP
 - Review the ATP website: <https://atp.wisconsin.edu>
 - Sign up for the newsletter:
<https://explore.wisc.edu/ATP-email-sign-up>
- Plan to attend or watch the first **Readiness Workshop** on December 1, 2022



What's next? What if I have questions?

You can expect to hear more from us in the future.

Please continue any existing engagements as-is with ATP, ASP or AIP.

If you need help beyond that, please discuss with your manager or email us at:

doit-atp-change-readiness@office365.wisc.edu



Partners in Giving

Caring for 50 years

Corissa Runde, Rachel Cannistraro — DoIT PinG co-chairs



A rich history of giving



October 10 - November 30, 2022

BE A PARTNER IN GIVING





A historical theme



Search





Over the past 50 years...



The campaign has collectively raised more than **\$85 million**, including **\$2.1 million** last year



In 2021, DoIT placed **2nd** in *per capita contribution* and *total dollars* among agencies/units with 451-900 employees



2021 vs 2022



In 2021, DoIT raised **\$35,475** from **43 donors**



So far in 2022, we've raised **\$12,082** from **20 donors**



GOAL: \$40,000 - and all the donors we can get!



“Living the true dream”



*“Let me win, but if I cannot win,
let me be brave in the attempt.”*

**–Special Olympics
Athlete’s Oath**



A little means a lot



\$1/month provides a book and materials for a child to join an online book club (*United Way of Dane County*)



\$2/month provides food for a pet in need for 1 week (*America's Charities*)



\$10/month provides a mammogram for a person without insurance (*CHC: Creating Healthier Communities*)



Silent Auction: December 1-8

- Knitting/crochet/needlework
- Photography
- Pottery
- Candles
- Soaps
- Painting
- Woodwork



Silent Auction: December 1-8





Future events

- Favorite recipe book
- Plans for a spring in-person event



And the quiz answer is...





Please give by November 22!



giving.wi.gov



DoIT All Staff Meeting

Thank you for joining us! We have just a few reminders...



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON