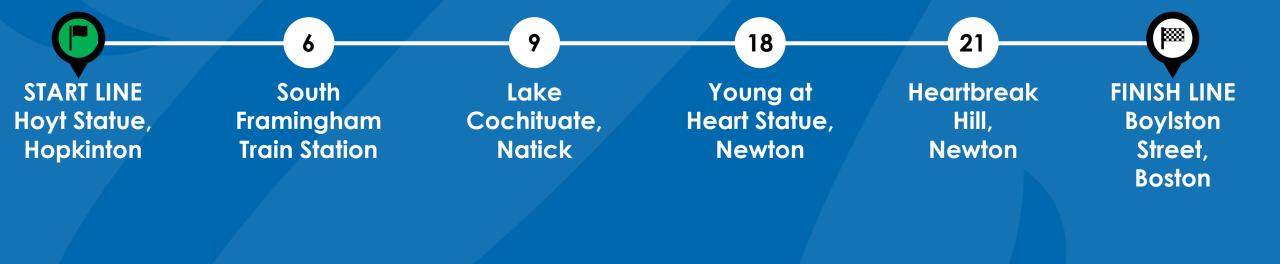




UMass ERP Summit Learn, Think, Share April 24th, 2024



Welcome & Set the Stage



University of Massachusetts

Welcome

5

120 UMass Participants

Representing

Campuses and the President's Office

From across

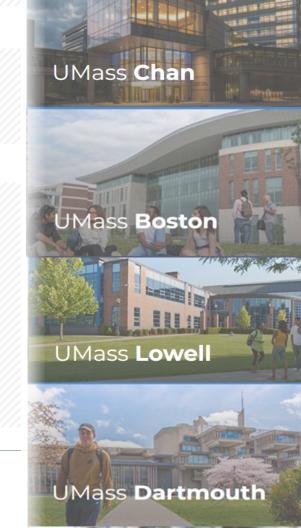


Functional Areas

- Academic
- Budget
- Bursar
- Controller
- Enrollment

- Finance
- Grants/Research
- Program Management
- Human Resources
- Information Technology

- Procurement
- Risk/Policy
- Student Financials
- Treasury



UMass Amherst

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Deloitte is thrilled to join you and partner to facilitate the day's conversations

Executive Sponsor: Betty Fleurimond

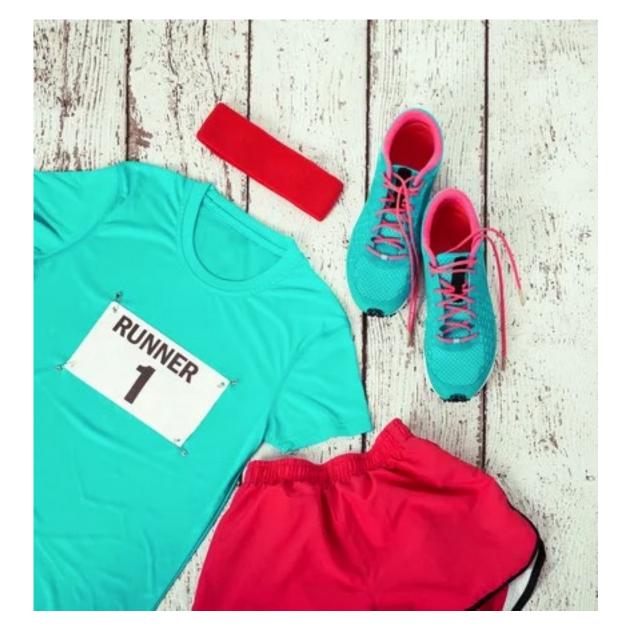
Summit Facilitators: Julia Wysocki and Kelsey Tardiff

Senior Breakout Facilitators:

Brad Cobbs Jay Dumphy Jen Tutak Keith Burr Love Anderson Maheshwar Ganguli Marnie Fulton Michael Ryan Ray Lozanes Ronn Kolbash Sue Van Voorhis Ted Simpson Tim Hurley Virginia Fraser

Facilitation Support

Amy Fonicello Audrey Coulter Dalton Wells Kate McVey Laura Mediavilla Lynnette McLaughlin Seth Dannemiller



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Background

- "Enterprise Resource Planning (ERP)" is the industry's way of describing the systems used to support key areas like finance, human resources, and in higher education, student.
- In the context of UMass, ERP includes a myriad of technologies, from Peoplesoft HR, Finance and Student, to Buyways, to a large number of point solution products acquired and implemented over the past 20 years.
- The UMass "ERP" is now very much an ecosystem of products that has evolved over time to serve the needs of the campuses and the system.
- In the 20 years since we first implemented the core ERP, the higher education industry has evolved significantly, UMass's size, complexity and needs have changed drastically, and the ERP systems serving higher education have evolved commensurately.
- Thankfully, as a system we are not in a "crisis" with our ERP where we are in reactionary mode we have time to "Learn, Think, and Share". Our core tools are stable, but they are showing their age, and they have become increasingly difficult to maintain.
- The UMass ERP Summit is designed to start a conversation about ERP at UMass.

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Today's Objectives

Learn, Think, Share

The UMass ERP Summit is a **first of its kind** event for UMass campus leadership to come together to "learn, think, and share" about Enterprise Resource Planning (ERP) tools.

Today's summit will include sessions that cover topics, including:

- A reflection/discussion on the University's current ERP landscape
- Understanding the current ERP market
- Understanding our peers and their ERP journey
- Discussion/brainstorming about the University's future where could we go from here?

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Logistics for the Day

Today's Summit is from 9am - 4pm EST

- Breaks scheduled throughout the day
- Lunch will be from 12pm 12:45pm EST
- Water and coffee available outside the Commonwealth Room
- Throughout the day, there will be designated times for you to ask questions
 - If we are not able to address your question during designated Q&A, please write them down on the "Parking Lot" wall
 - After the Summit, all posted questions will be answered
- The President's Office Event Ambassadors have pink nametags and will be available throughout the day if you need additional assistance

Bathrooms are located on each floor near the elevator.

Huddle rooms are available if you need to step out to take a call.

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Agenda for Today

Welcome & Set the Stage	 Opening Remarks, Background, Objectives, and Agenda Review Survey Results Icebreaker 	9:00 – 9:30 AM
Learn	UMass ERP background, history and current stateFundamentals and foundation for a modern ERP	9:30 – 10:45 AM
	Break	10:45-11:00 AM
Learn	 Guest speakers from Rutgers and the University of Arkansas System share their ERP journey 	11:00 AM – 12:00 PM
	12:00 – 12:45 PM	
Think	 Breakout by Function to brainstorm limitations and strengths of the current ERP system(s) and related processes as well as future opportunities for improvement Come back together to review brainstorming and discussion 	12:45 – 2:20 PM
	Break	2:20 – 2:30 PM
Share	 Breakout by Campus to share thoughts on where UMass could go from here Come back together to review discussion 	2:30 – 3:45 PM
Reflect	Summary and discuss next steps	3:45 – 4:00 PM

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Your Breakout Groups for the Afternoon

Breakout #2

By Function

- Budget & Controller
- Campus Department A&F
- Grants & Research
- HR & Payroll

•

- Student Administration
- Student Financials
- Technology

By Campus

Amherst

Boston

- Dartmouth
- Lowell

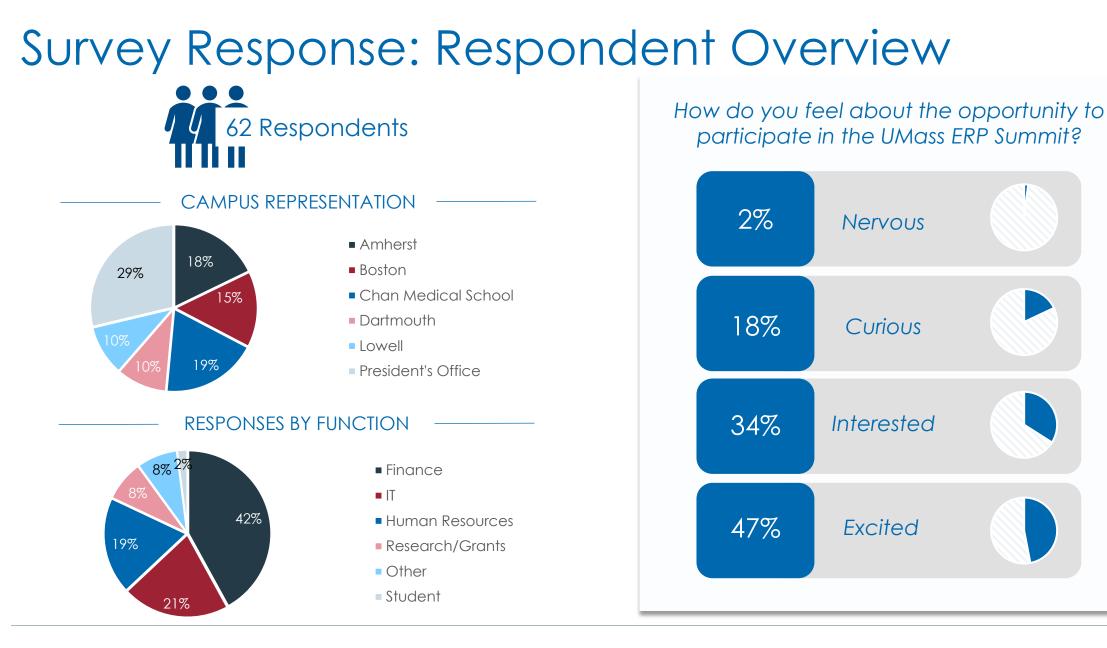
Chan

President's Office

University of Massachusetts

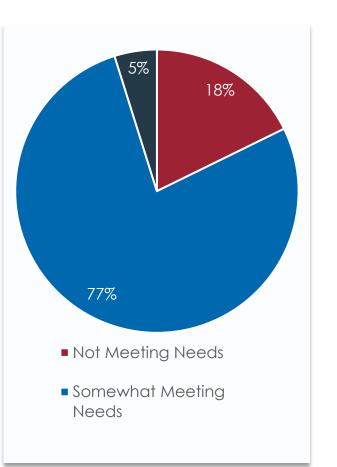
Set the Stage

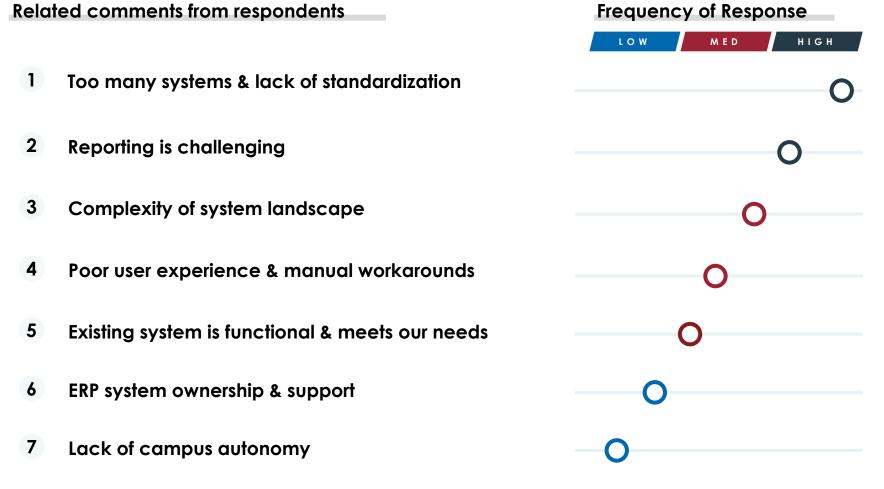
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Does the current ERP meet the needs of your campus?





Note: Data represents responses to survey questions 3b and 4. Individual responses may demonstrate multiple themes.

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Interest Areas for Summit and Post Summit Activity



•Lack of consistent processes as well as complexity of third-party system integrations and reporting

•Clean up chart of accounts data and structure

• Maximize functionality in existing modules and new modules to reduce reliance on third-party systems Setting a Long-Term Plan and Vision

•What is the process to establish vision, plan, and timeline to support the next generation of an ERP?

• Are there opportunities to improve our current ERP? What could that look like?

• How would the System approach implementing a new ERP? What would the role of campuses be in this effort? **Components of ERP Planning**

•What does a typical system architecture look like for a modern ERP?

•What are the leading software options for a modern ERP?

•What level of effort and types resources are required to implement a new ERP system?

There will be several opportunities to continue this conversation following today's Summit

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Icebreaker | Pick a Picture

Think about your role at UMass, and how you will bring your experience to the Summit and today's conversations.

- What is your role?
- How might this experience be relevant during the Summit?



Select an image that represents your role.

Introduce yourself to the person sitting to your left and right to share:

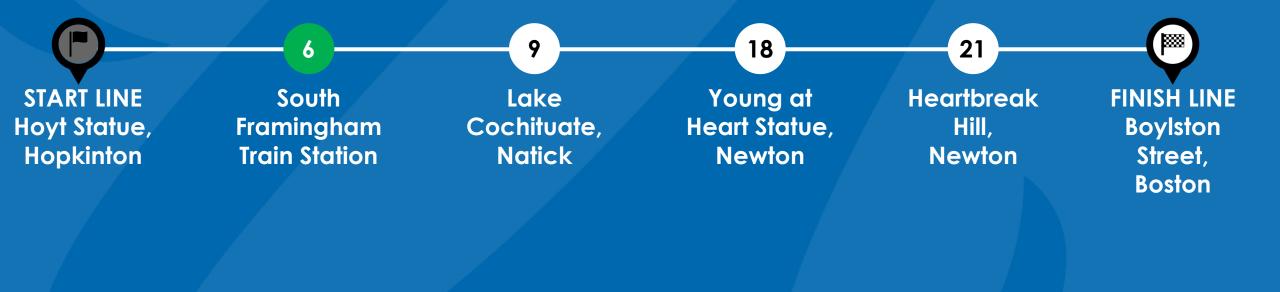
- What image you chose, and
- Why you think that image relates to your role or contributions during the Summit

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3

Learn



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UMass ERP Background, History, and Current State

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Learning Objectives UMass ERP



Understand the history of the UMass ERP ecosystem



Examine the current state of the UMass ERP ecosystem including the core Peoplesoft products and other products



Review an example of the level of customization within one of the Peoplesoft environments

UMass ERP Background

- Campuses and UMPO share one instance of Peoplesoft HCM and one instance of Peoplesoft Financials
- Campus business units were established as part of the initial setup
- Boston, Dartmouth, and Lowell share one instance of Peoplesoft Student; Amherst and Chan have their own instance of Peoplesoft student
- The Peoplesoft applications are heavily customized and extensive integrations with non-Peoplesoft systems have been developed/maintained
- As of today, there is no Peoplesoft "end of life"
- Oracle has a rolling, 10-year support policy

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HR & Finance ERP "Ecosystem" History

FY 2002 - FY 2006

Peoplesoft HR and Financials Phase 1

Initial investment in Peoplesoft to support core HR and Finance functions

- Human Resources
- Benefits
- Time and Labor
- Payroll
- GL
- AP
- Purchasing

FY 2007 - FY 2011

Peoplesoft Financials Phase 2

Second investment in Finance functions to integrate with core Finance

- Assets
- Grants
- Projects
- Contracts
- Billing/AR
- Effort Certification (Huron)

FY 2012 – FY 2024

Ecosystem/ Integration Phase

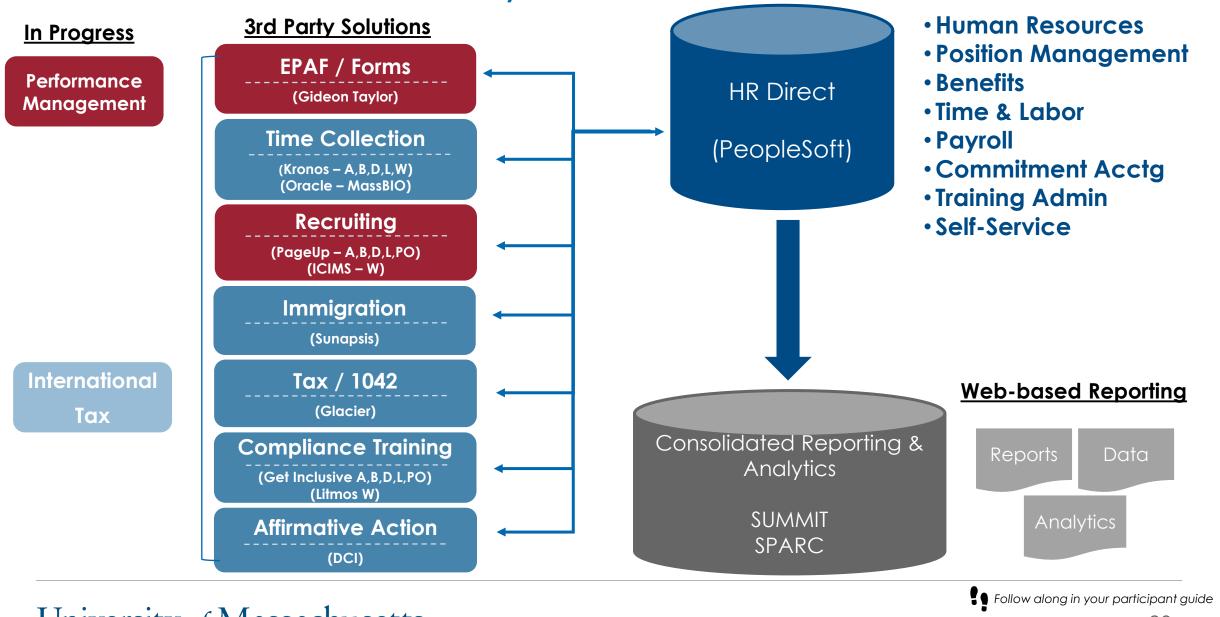
Significant investment in non-Peoplesoft products to meet functional needs (some replaced Peoplesoft)

- BuyWays Procurement
- PageUp/iCims Recruiting
- UM-Plan Budgeting
- Concur Travel & Expense
- Kuali Pre-Award
- GASB 87 Lease Accounting

Follow along in your participant guide

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HR Current State Ecosystem

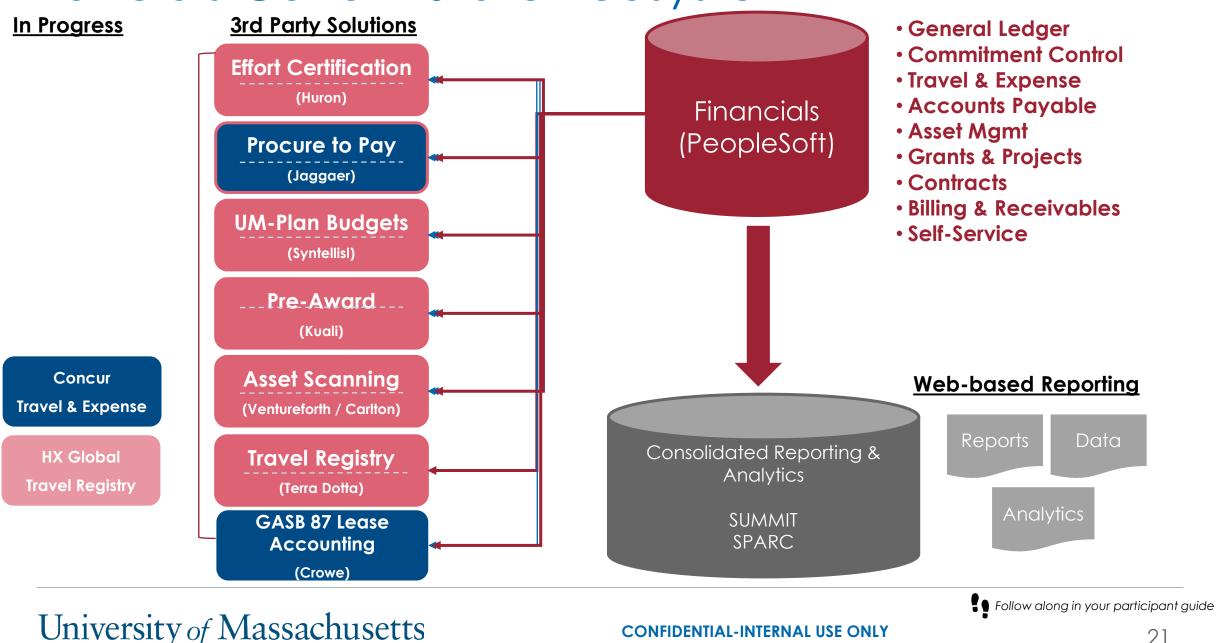


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20

Financials Current State Ecosystem



21

Student ERP "Ecosystem" History (BDL only)

FY 2002 - FY 2006

Peoplesoft SA Phase 1

Initial investment in Peoplesoft to support core SA functions FY 2007 - FY 2011



Second investment in Finance functions to integrate with core Finance

Student Self-service via IAM

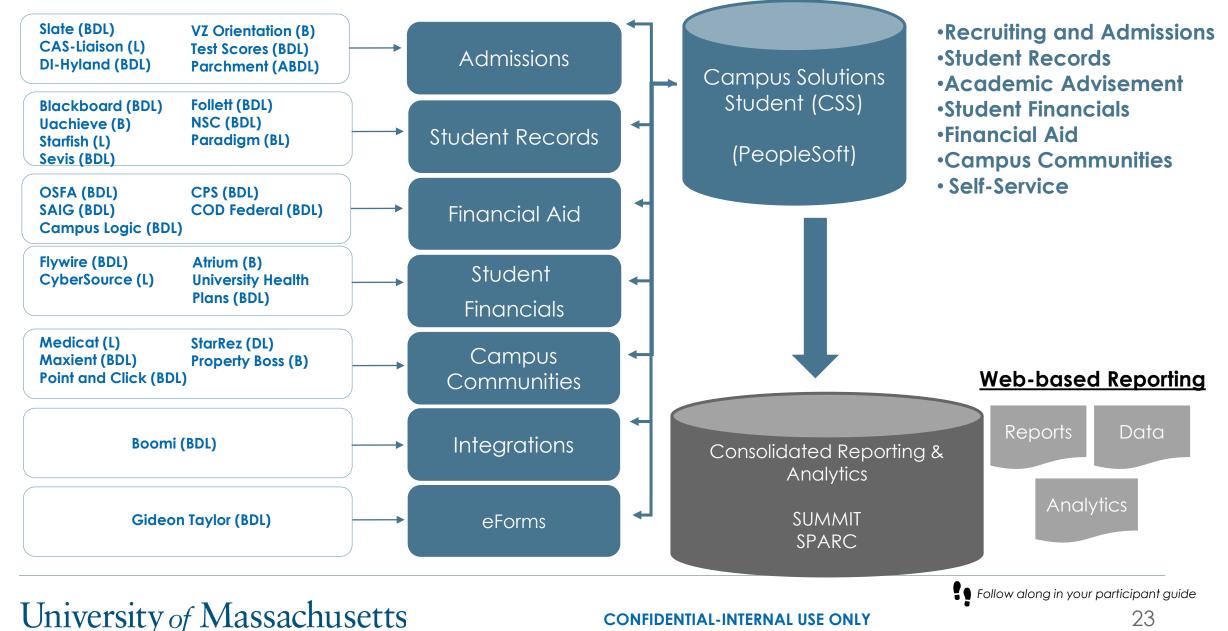
FY 2012 - FY 2024 Ecosystem/ Integration Phase

Significant investment in non-Peoplesoft products to meet functional needs (some have replaced Peoplesoft)

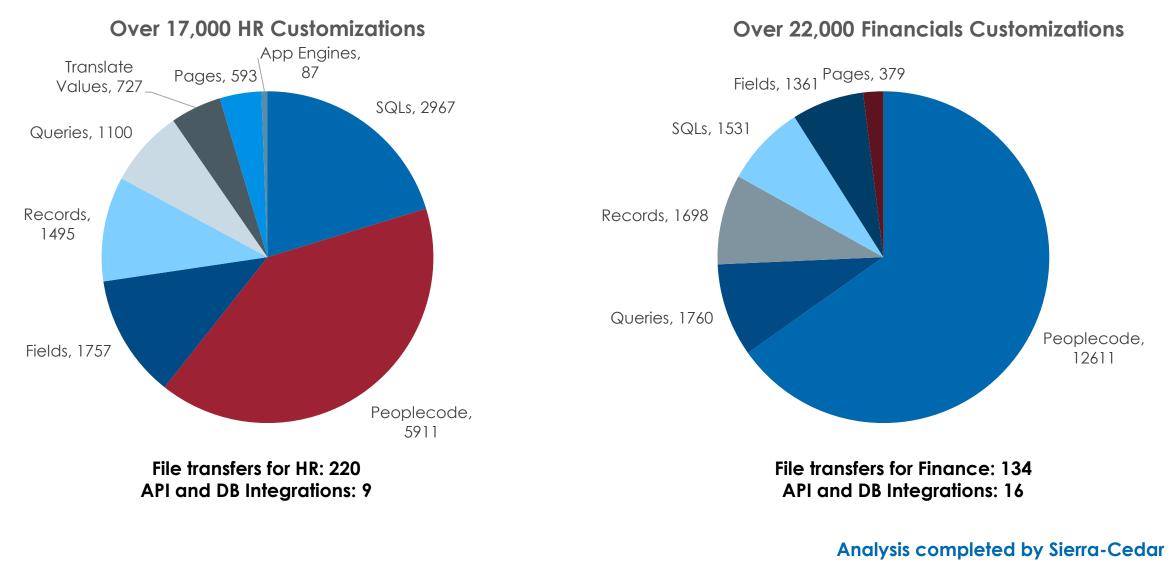
- Slate Integration
- CAS Integration
- Flywire
- Campus logic
- Follet

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Student Current State Ecosystem (BDL only)



Peoplesoft HR and Finance Customizations



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Q&A [Time Permitting]



Fundamentals and Foundation of a Modern ERP

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Learning Objectives | Fundamentals and Foundation of a Modern ERP



Establish a common, foundational understanding of an ERP



Explore the evolution of the ERP

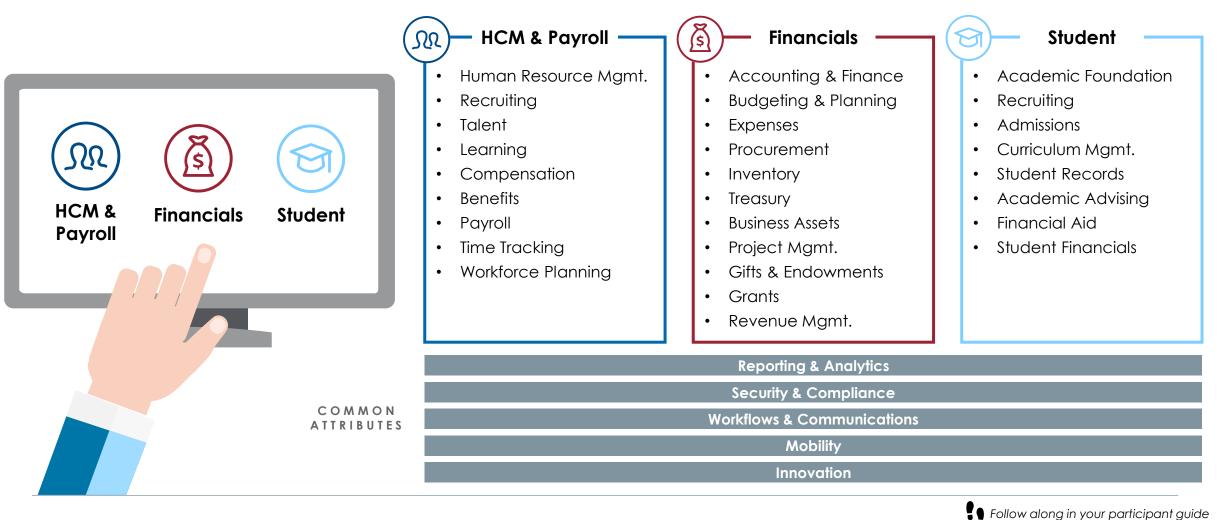


Discuss opportunities enabled by a modern ERP

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What is ERP for Higher Education?

An ERP (enterprise resource planning) is a management software program that automates the collection, storage, management, and interpretation of data.



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28

Traditional vs Modern ERP





Hosted and maintained on an organization's own servers and infrastructure.

Hosted on remote servers maintained by an ERP vendor or a third-party cloud service provider.

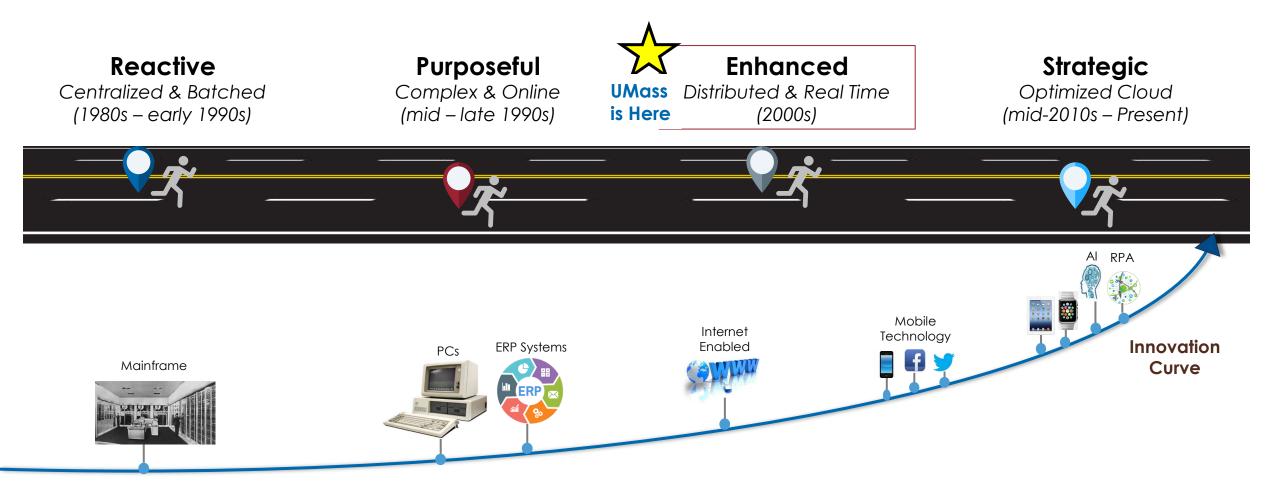
Core differences between a traditional and modern ERPs can be grouped into three categories



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Evolving Technologies Impact Process Maturity



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Modern ERP Solutions







These full platform ERP solutions are best positioned to meet the needs of R1 multi-campus institutions.

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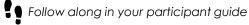
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Public System & Multi-Campus ERP Projects

-									
	Financials			HCM/Payroll			Student		
System or Multi-Campus Universities	Current	Legacy	Go-Live	Current	Legacy	Go-Live	Current	Legacy	Go-Live
Louisiana State University System	Workday	Mainframe	2017	Workday	Mainframe	2017	Workday	Mainframe	TBD
Nevada System of Higher Ed	Workday	PeopleSoft	2017	Workday	PeopleSoft	2017	PeopleSoft	-	-
U. of Arkansas System	Workday	PeopleSoft/ Banner/Various	2020	Workday	PeopleSoft/ Banner/Various	2020	Workday	PeopleSoft/ Banner/Various	2023
Texas A&M System	Mainframe	-	-	Workday	Mainframe	2018	Banner	-	-
Washington St. System	Workday	Mainframe	2021	Workday	Mainframe	2021	PeopleSoft	-	-
Dallas College System	Workday	Colleague	2023	Workday	Colleague	2023	Workday	Colleague	ETA 2025
U. System of Maryland*	Workday	Peoplesoft	2023	Workday	Peoplesoft	2023	Peoplesoft	-	-
Minnesota State System	Workday	Mainframe	2024	Workday	Mainframe	2024	Mainframe	-	-
CUNY System	Workday**	PeopleSoft	2025	Workday**	PeopleSoft	2025	PeopleSoft	-	-
U. of Wisconsin System	Workday	PeopleSoft	2025	Workday	PeopleSoft	2025	PeopleSoft	-	-
U System of New Hampshire	Workday	Multiple	TBD	Workday	Multiple	TBD	Workday	Multiple	TBD
U. of California System*	Oracle	Various	Various	Oracle	Various	Various	PeopleSoft	_	-
U. of Tennessee System	Oracle	SAP	ETA 2024	Oracle	SAP	ETA 2024	Oracle	Banner	ETA 2025
U. of Maine System	Oracle	PeopleSoft	TBD	Oracle	PeopleSoft	TBD	PeopleSoft	-	-
Rutgers University	Oracle	Oracle E- Business Suite	2016	Oracle	PeopleSoft	2024	Oracle	Mainframe	ETA 2025
SUNY Stony Brook*	Oracle	PeopleSoft	TBD	Oracle	PeopleSoft	TBD	-	-	-

* By institution (not systemwide)

**Negotiations underway

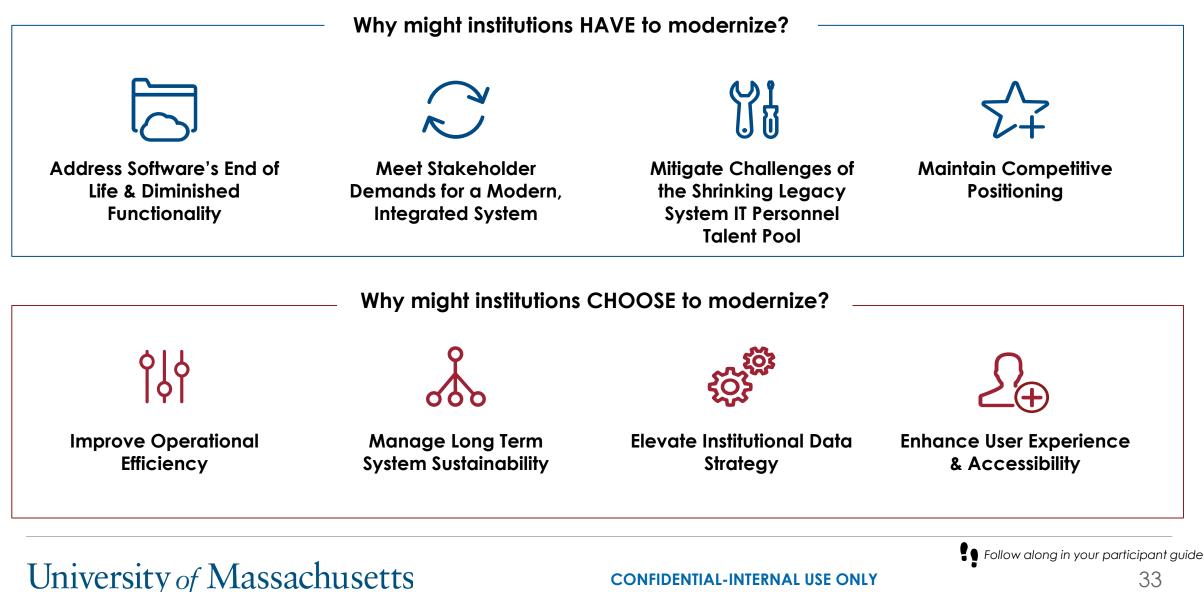


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Oracle

Why Do Institutions Modernize?



33

Q&A [Time Permitting]



Activity | Test Your Knowledge

Using your phone or laptop, go to www.menti.com

> and enter the code: 3377 5374



Break 15 Minutes

Peer Insights

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Peer Insights



RUTGERS THE STATE UNIVERSITY OF NEW JERSEY

J. Michael Gower Executive Vice President - Chief Financial Officer & University Treasurer



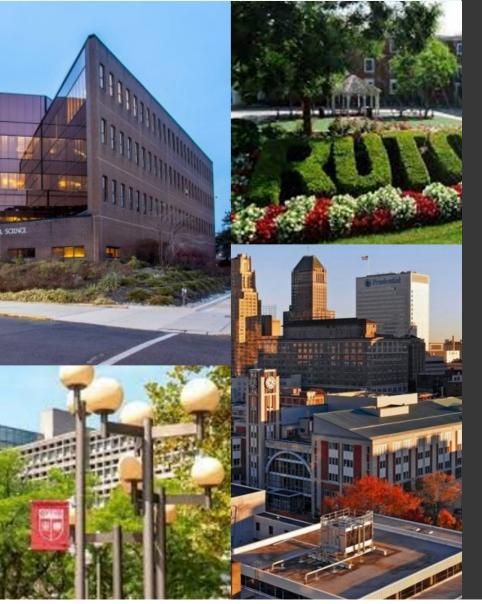
Michele Norin Senior Vice President and Chief Information Officer



Steven Fulkerson Vice President for Administration President's Office

UNIVERSITY OF ARKANSAS SYSTEM

University of Massachusetts



RUTGERS UNIVERSITY FAST FACTS

- # of Chancellor Led Units (CLUs): 4
- Total # of Students: 67,620
- Institution Type: **Public**
- Stage of Transformation: Finance deployed, HR to deploy this year, Student Financial Planning deployed, and Student projected to deploy in two years. EPM deployed.

UNIVERSITY | NEWARK

UNIVERSITY | NEW BRUNSWICK

Legacy Systems: Oracle E-Business Suite, PeopleSoft, Mainframe





CORNERSTONE

- Strategic project to transform administrative information systems
- Each workstream includes time for business process review
- Co-led by CFO and CIO as executive sponsors but strongly driven from Finance office
- One key driver has been to consolidate systems from a merger
- Planning started in 2014
- Formal PMO established in 2016/2017
- Phased approach
- Anticipate complete transition 2028+
- Covid slowed us down
- Projected budget: ~\$250M+



System Transitions

New System	Scope	When
Oracle Finance Cloud	 Oracle Enterprise Perf Mgmt Finance Financial Close & Consolidation System (FCCS) Account Reconciliation Cloud Svc (ARCS) New Chart of Account Grant and Contract Accounting for post-award Huron Click for pre-award Procurement – Jaegger Marketplace 	2017
Salesforce	Enrollment Management – Recruitment & Admissions Common App Foundation and Alumni Relations Athletics Continue unit-based rollout 	2022 2023 2023 2024 (TBD) 2024+
Oracle Student Financial Planning (Vocado)	Financial Aid Packaging	September 2022
Oracle Human Capital Mgmt (HCM)	Phase 1: All components required to run payroll Kronos for time entry	January 2025
Oracle Student	Starting Business Process Review Full Suite Implementation	Summer 2024 Early 2026?
Oracle Analytics Cloud	Expansion of data warehouse and shift to OAC	2017 - present



Lessons Learned

- Cannot underestimate impact of change
- Need to increase focus on people and process
- Not enough time was allocated for system optimization and user adoption
- Need for greater collaboration and broader engagement
- Need to set and communicate clear expectations
- Never seem to communicate enough
- Most folks have no idea what is involved in system replacements, including the Cabinet



Improvements Implemented

Bolstered Project Management Office

- New Change Management Office
- Improved training programs
- New Project Portfolio Management platform

- Hands on experience for users earlier in the process
- Standardized tools and methodologies

New training lab

Enhanced Program Governance Model

- More inclusive
 In
 decision
 making
 ac
- Solicit feedback and get input from broader stakeholder groups
- Increased collaboration across all units

Expanded Communications

- Program and
 Newsletters
 project websites
- Universitywide forums
- Change Agent Networks



UNIVERSITY OF ARKANSAS SYSTEM FAST FACTS

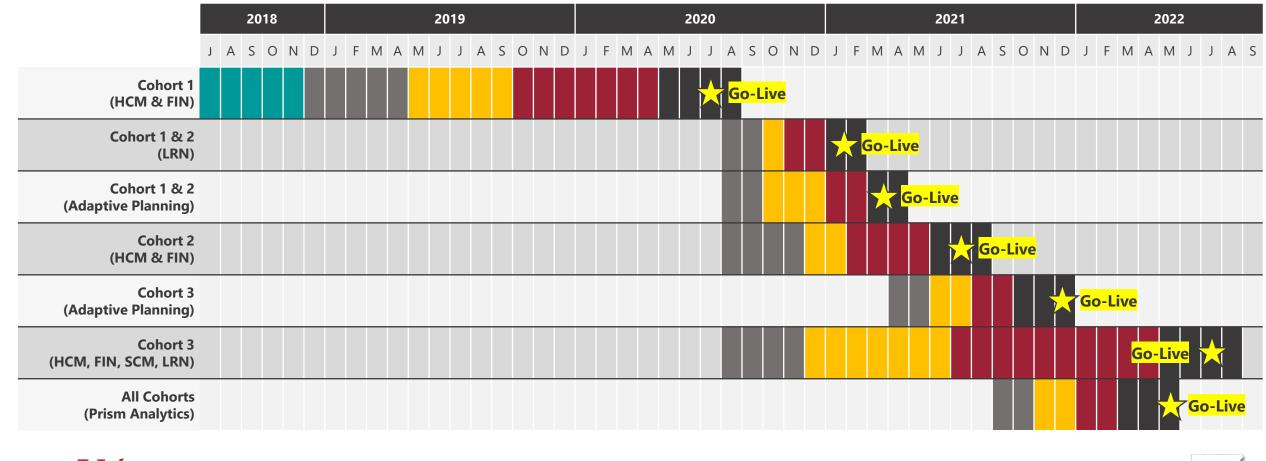
- # of Institutions in System: 22
- Institution Type: Public
- Stage of Transformation: HR and Finance deployed; Student in progress
- Legacy System: PeopleSoft, Ellucian, and homegrown



Workday ERP Implementation Timeline

Plan

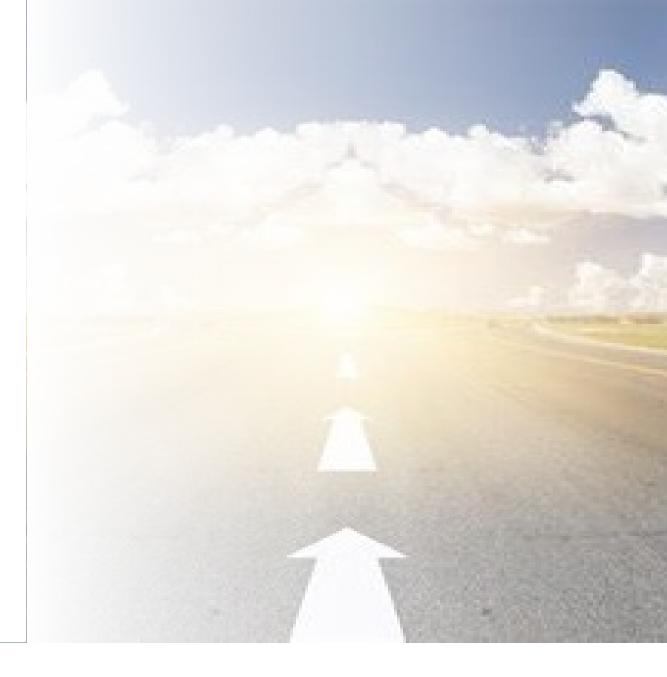
Architect



UNIVERSITY OF ARKANSAS SYSTEM







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Before Lunch: Overview of "Think"

NOW IT'S YOUR TURN!

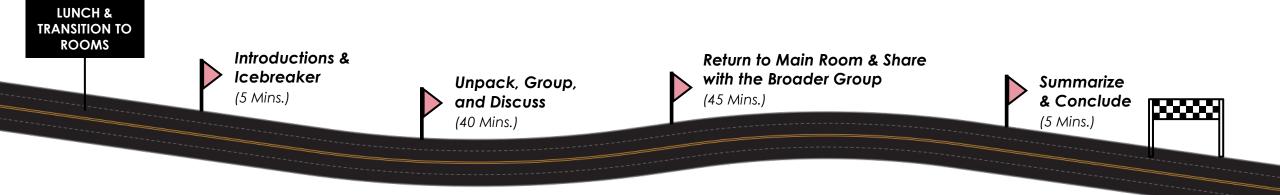
We want you to **consider the current condition of UMass' ERP system** and think about how your current technology impacts your functional areas, the campuses, and the System.

WHAT ARE WE DOING?

During the next hour we will discuss the strengths and weaknesses of your existing ERP system and how it affects your day-to-day work, both on an individual level and within your function.

WHAT IS THE PURPOSE?

The goal of this activity is to **begin to** provide your insights into the primary challenges and potential opportunities.



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Activity | Unpack and Group



Introduce Yourself to the Group



5 Minutes

- Using the photo that you chose earlier in the day, **introduce yourself to the group and share**:
 - What image you chose, and
 - Why you think that image relates to your role or contributions during the Summit





5 Minutes

- Independently brainstorm:
 - 1. Current **limitations** of your ERP system(s) and related processes
 - 2. Current **strengths** of your ERP system(s) and related processes
 - 3. Future opportunities for improvement
- Write your observations on post-it notes. One post-it note per observation. Post on the wall.





30 Minutes

- As a group, "**unpack**" the observations.
- Discuss how these observations impact both the strategic and day-to-day work of your area.
- **Group** similar observations to develop categories of strengths, limitations, and opportunities for improvement.





5 Minutes

- Prioritize the top 2 limitations, 2 strengths, and 2 opportunities for improvement.
- Nominate a representative to share out during the large group debrief.

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By 12:45pm, please move to your Breakout Room

Amherst Conference Room | Budget & Controller

Boston Conference Room | Campus Department A&F

Lowell Conference Room | Grants & Research

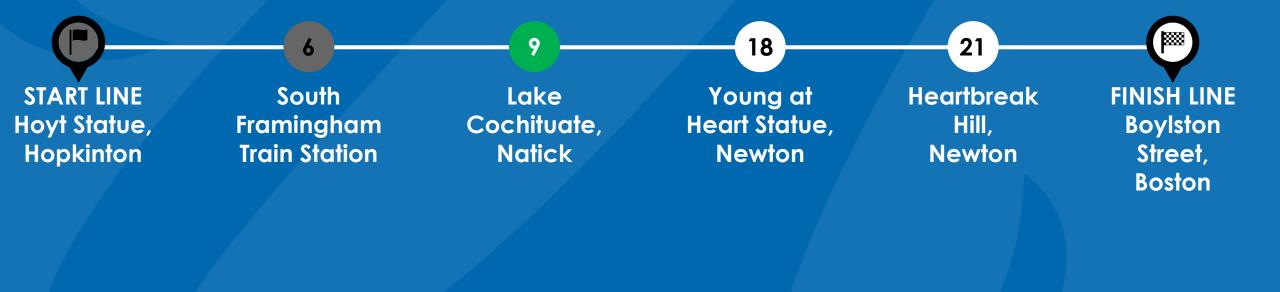
University Conference Room | HR & Payroll Minutemen Conference Room | Student Administration

Dartmouth Conference Room | Student Financials

Commonwealth Conference Room Technology

Please bring your picture from the icebreaker with you

Lunch



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Think



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Activity | Debrief in the Commonwealth Room



Each breakout group will spend three minutes summarizing their top 2 limitations, 2 strengths, and 2 opportunities for improvement.



As each group shares their summaries, Deloitte will continue to **aggregate insights across** groups into thematic clusters.



By the end of this report out, you will have collectively developed a **visual representation of the most impactful limitations, strengths, and opportunities for improvement** for the UMass' ERP system(s), highlighting where there are similarities and differences across groups.

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Before the Break: Overview of "Share"

NOW IT'S YOUR TURN!

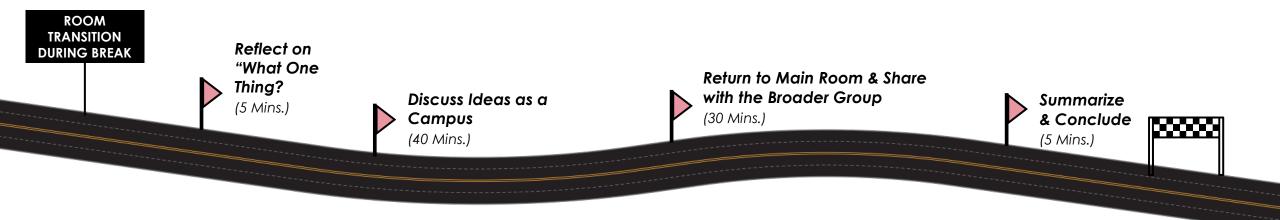
We want you to reflect on today's conversations and share **what is on your mind for where UMass could go from here**.

WHAT ARE WE DOING?

Over the next hour, we will reflect on the day's conversations and gather your thoughts/feedback on an individual level and by campus.

WHAT IS THE PURPOSE?

The aim of this activity is to collect your insights on **what you believe could be the focus for additional conversations and potential activities** following the conclusion of today's summit.



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Breakout Activity | What One Thing?



5 Minutes

 Reflect on today's conversations and share your feedback using the following prompt:

"What one thing should UMass pursue as a next step coming out of today's Summit?"

- Write your observations on post-it notes. One post-it note per observation.
- Post on the wall.



35 Minutes

As a group, review what has been posted and discuss the sentiments that have been expressed.

- Where are there common themes?
- Where are there differences?



5 Minutes

Align on the top two or three sentiments (as defined by your group) for each category to share out with the broader room (you may wordsmith each sentiment as appropriate).

Nominate a representative to share out during the large group debrief.

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After the break, please move to your Breakout Room

Amherst Conference Room | Boston Campus

Boston Conference Room | Amherst Campus University Conference Room | President's Office (

Minutemen Conference Room | Lowell Campus

Lowell Conference Room | Dartmouth Campus Commonwealth Conference Room | Chan Medical School

Break 10 Minutes

Share



Lake Cochituate, Natick

9

Young at Heart Statue, Newton

18

Heartbreak Hill, Newton

21

FINISH LINE Boylston Street, Boston

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Activity | Report Out



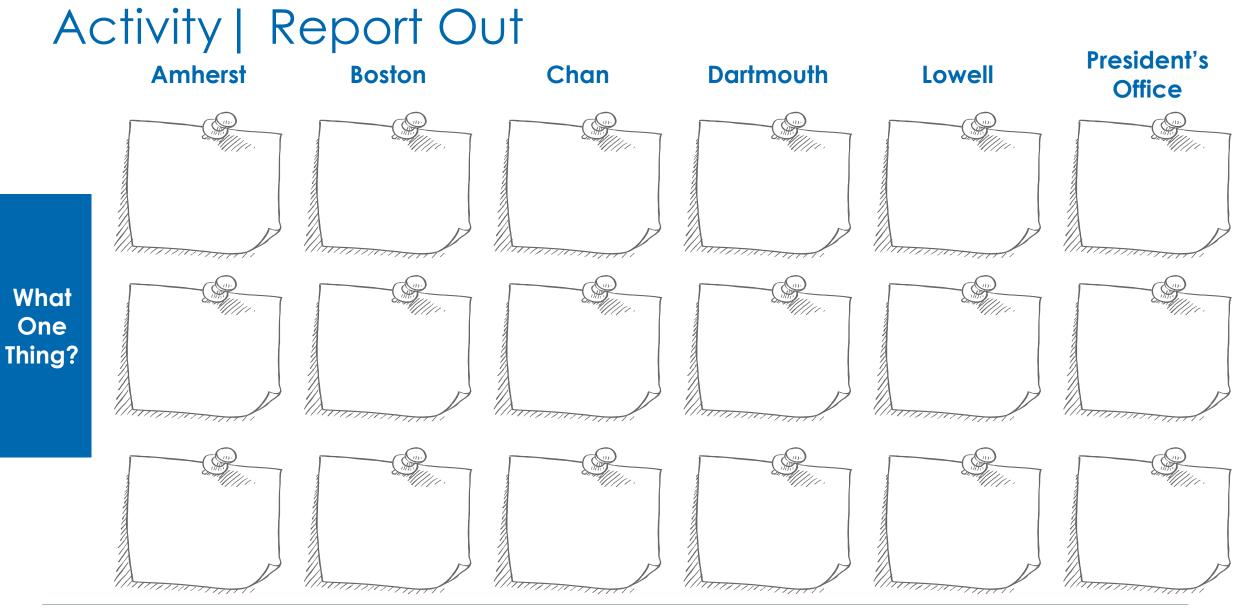
Each campus will spend three minutes **summarizing their top sentiments** from "What One Thing."



As each group shares out their summary of the discussion, Deloitte will continue to **sort insights shared into thematic clusters**.

By the end of this report out, you will have collectively developed a visual representation of potential next steps shared, highlighting where there may be similarities and differences.

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Reflect & Closing

18 Young at **START LINE** South Lake Heartbreak **FINISH LINE** Hoyt Statue, Framingham Cochituate, Heart Statue, **Boylston** Hill, Hopkinton **Train Station** Newton Natick Newton Street, **Boston**

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Learn, Think, Share

The UMass ERP Summit was a **first of its kind** event for UMass campus leadership to come together to "learn, think, and share" about Enterprise Resource Planning (ERP) tools.

Today's summit included sessions that cover topics, including:

- A reflection/discussion on the University's current ERP landscape
- Understanding the current ERP market
- Understanding our peers and their ERP journey
- Discussion/brainstorming about the University's future where could we go from here?

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Next Steps

There will be several opportunities to continue this conversation following today's Summit:

- Participants will receive a **post-event survey**
- **2** Updates will be provided to the Better Together Steering Committee (BTSC)
- 3 Continued engagement with Campus Leaders to keep the conversation going
- 4 Website will continue to be updated and maintained

5 Develop and distribute a **post-Summit Report**