

Building the Connected Campus with Boomi

Brad Reneer, Brigham Young University
Scott Szajna, University of Massachusetts
Chris Wessells, Dell Technologies

Presentation Agenda

- **A Transformation Story**
- **Introduction of Panelists**
- **The Challenges – Legacy Systems, Application Sprawl, and Data Silos**
- **The Solution: A Modern Integration Platform**
- **Best Practices and Vision for the Future**
- **Audience Questions and Panelist Answers**



Bradley Reneer

Software Engineer,
Brigham Young University



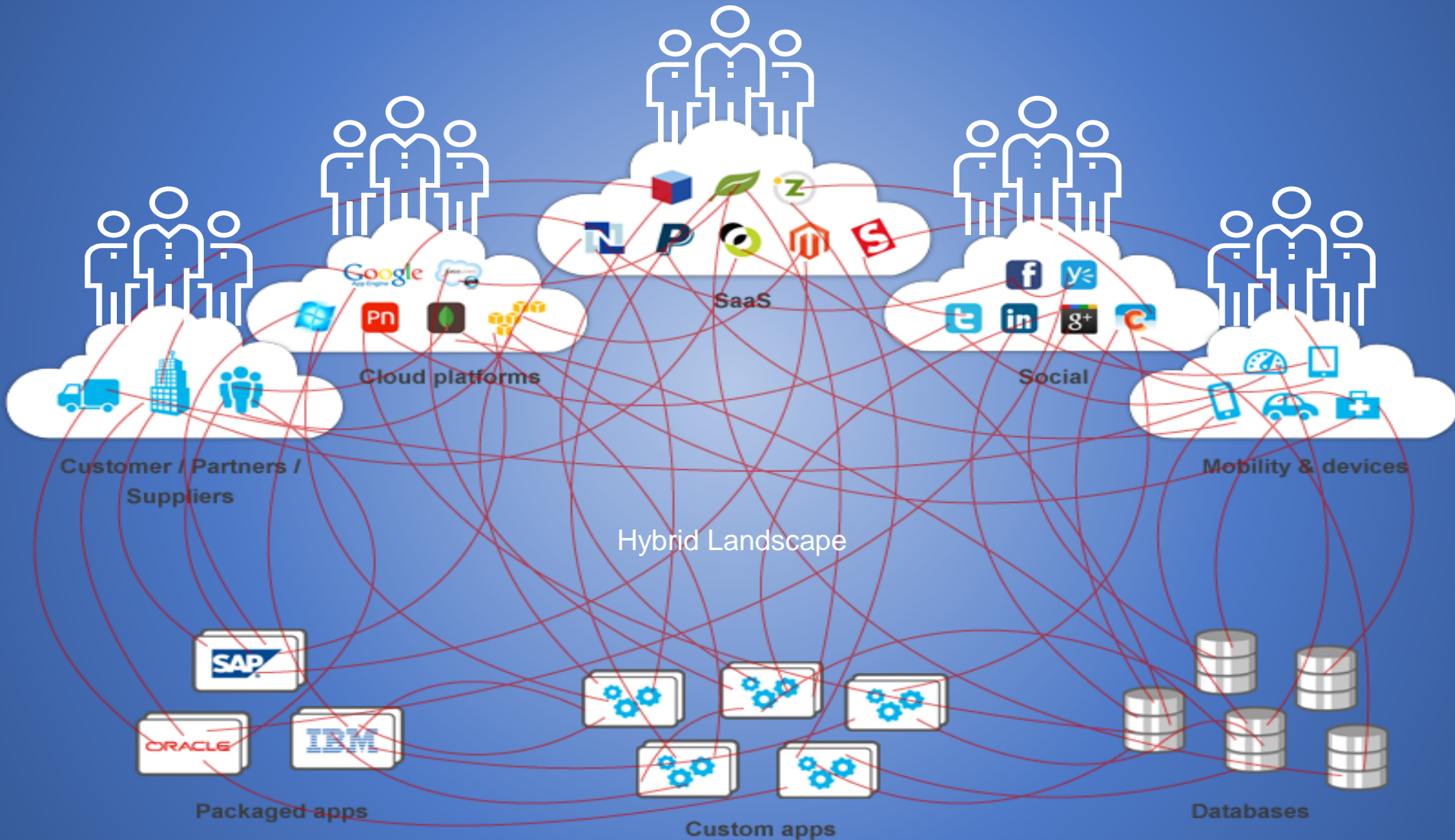
Scott Szajna

Digital Integration Program Manager
University of Massachusetts

Our Webinar Panelists

A Transformation Story

Data Silos Kill Digital Transformation



Connected Campus

Faster, smarter, flexible

Connect everything

Create a fabric of connectivity across data, applications, things, and people.



Engage everywhere

Automate business processes and experiences across any platform.

Run anywhere

Deploy applications across public cloud, private cloud, hybrid cloud, or on prem.



Award-winning customized solutions offering innovative devices and services designed for the way people work

Pivotal

Leading the intersection of Big Data, PaaS and agile development leveraging data on one cloud-independent platform

SecureWorks

Elite and trusted intelligence that strengthens security and reduces risk in a dynamic landscape

DELL Technologies

Dell Boomi

The leading EDI – API – MDM - IOT
Cloud enabled software suite

virtustream

The leading enterprise-class cloud software and solution provider

DELL EMC

The foundation to transform your data center with industry-leading servers, storage and converged infrastructure

RSA

The premier provider of security, risk and compliance solutions solving your most complex challenges

vmware

The most trusted virtualization for desktop, data center and applications. Mobile device security. VDI. IOT

Introductions





Bradley Reneer

Software Engineer,
Brigham Young University



Scott Szajna

Digital Integration Program Manager
University of Massachusetts

Our Webinar Panelists

A Distributed System

5 Campuses + President's Office

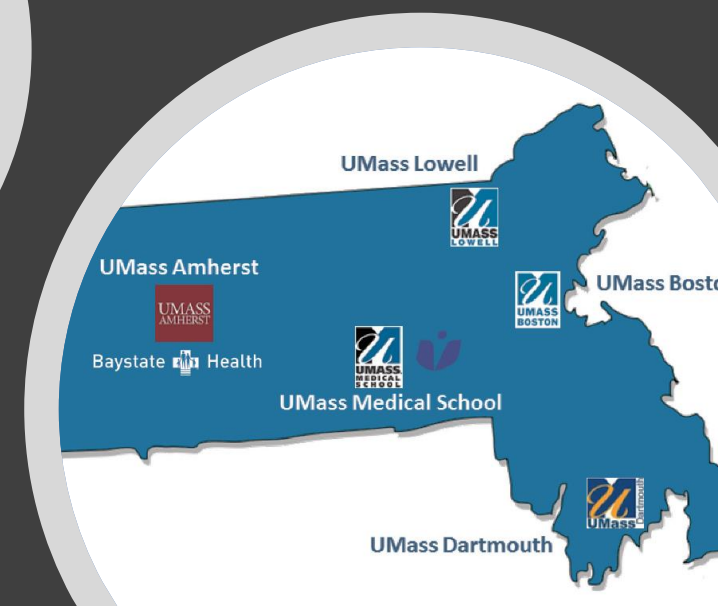
UMass Amherst: 29,051 Students

UMass Boston: 13,213 Students

UMass Dartmouth: 7,330 Students

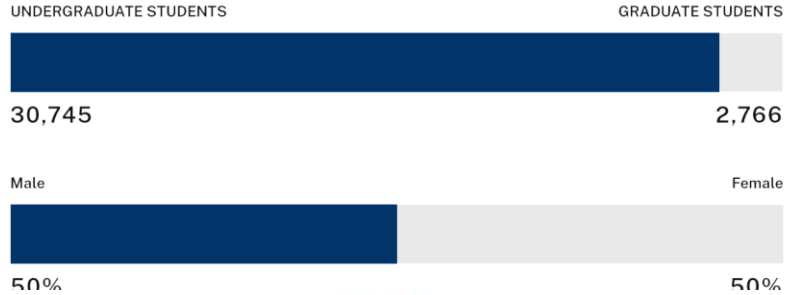
UMass Lowell: 14,601 Students

UMass Medical School: 1,153 Students



Largest **UNDERGRADUATE** enrollment of any private university in the U.S.
TOTAL DAYTIME STUDENTS: **33,633**

- #1: Best in the West for student engagement (Wall Street Journal)
- #1: Advertising program in the nation (College Magazine)
- #1: Best Trained Business Graduates (Bloomberg Businessweek)
- #1: Animation bachelor of science program (Animation Career Review)



Aims of a BYU Education

BYU seeks to develop students of faith, intellect, and character who have the skills and the desire to continue learning and to serve others throughout their lives. These are the common aims of all education at BYU. Both those who teach in the classroom and those who direct activities outside the classroom are responsible for contributing to this complete educational vision. A BYU education should be:

- Spiritually Strengthening
- Intellectually Enlarging
- Character Building
- Leading to Lifelong Learning and Service

The Challenges

BRIGHAM YOUNG

THE WORLD IS OUR

Typical University IT Landscape



Students



Parents



Alumni



Faculty



Finance



HR





Over 900 Software Components

Digital Measures
by Watermark™




BYU Learning Suite

- Dozens of home grown systems
- BYU Admissions
- BYU International Travel Management
- BYU Learning Outcomes
- Etc.



Typical Education Pain Points

Improve Student Services

- Mobile Apps
- Academic resources
- Learning management
- Social networking

Manage the Student Lifecycle

- Applicant-to-alumnus – 360 View
- Complete fundraising
- Student records

Streamline Administration

- Rapid on-boarding and off-boarding
- Powerful Analytics
- Modernizing Applications and Systems
- Standardize Data and Applications

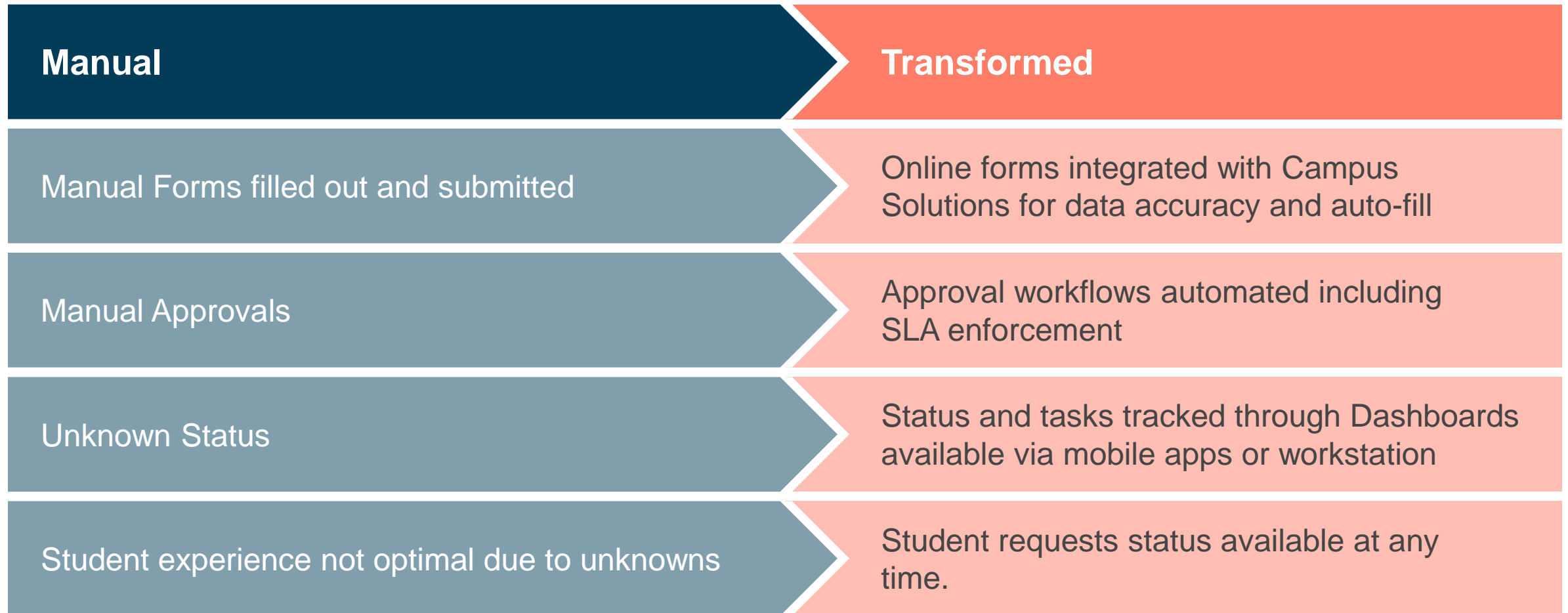
The Solutions. 🍷

DELL
Technologies



PHYSICAL
SCIENCES
BUILDING

Processes Before & After



Best Practices and Future Possibilities

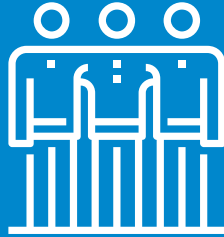
Some Best Practices



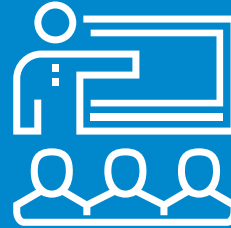
Establishing Network rules for connectivity is time consuming. Make sure your network teams are engaged in the process and understand it is a priority.



Make sure integration is seen as a strategic priority of the University. Having the backing of leadership removes obstacles.



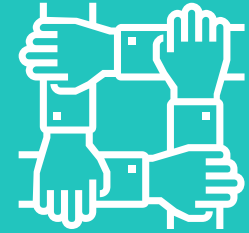
Partner with IT and business groups and show the value of the solution. Show them how the solution will empower not restrict them.



Make your partners aware of online and in person training opportunities.



Quick wins are important but designing a sustainable and robust solution is also important. Think about how you want to architect and govern your solution.



Engage with the community.

Audience Q & A

boomi

A Dell Technologies Company

Explore Higher Education solutions:

<https://boomi.com/solutions/industries/higher-education/>

<https://www.DellTechnologies.com/highereducation>