Oracle Student Solutions

Strategy & Roadmap

Gary Allen
Oracle Higher Education Product Strategy

Alliance Down Under
8 November 2018

Today's Agenda

1. Oracle's Applications Strategy
2. Campus Solutions 9.2 Update
3. Oracle Student Cloud Update
4. Pathways Forward

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Safe Harbor Statement

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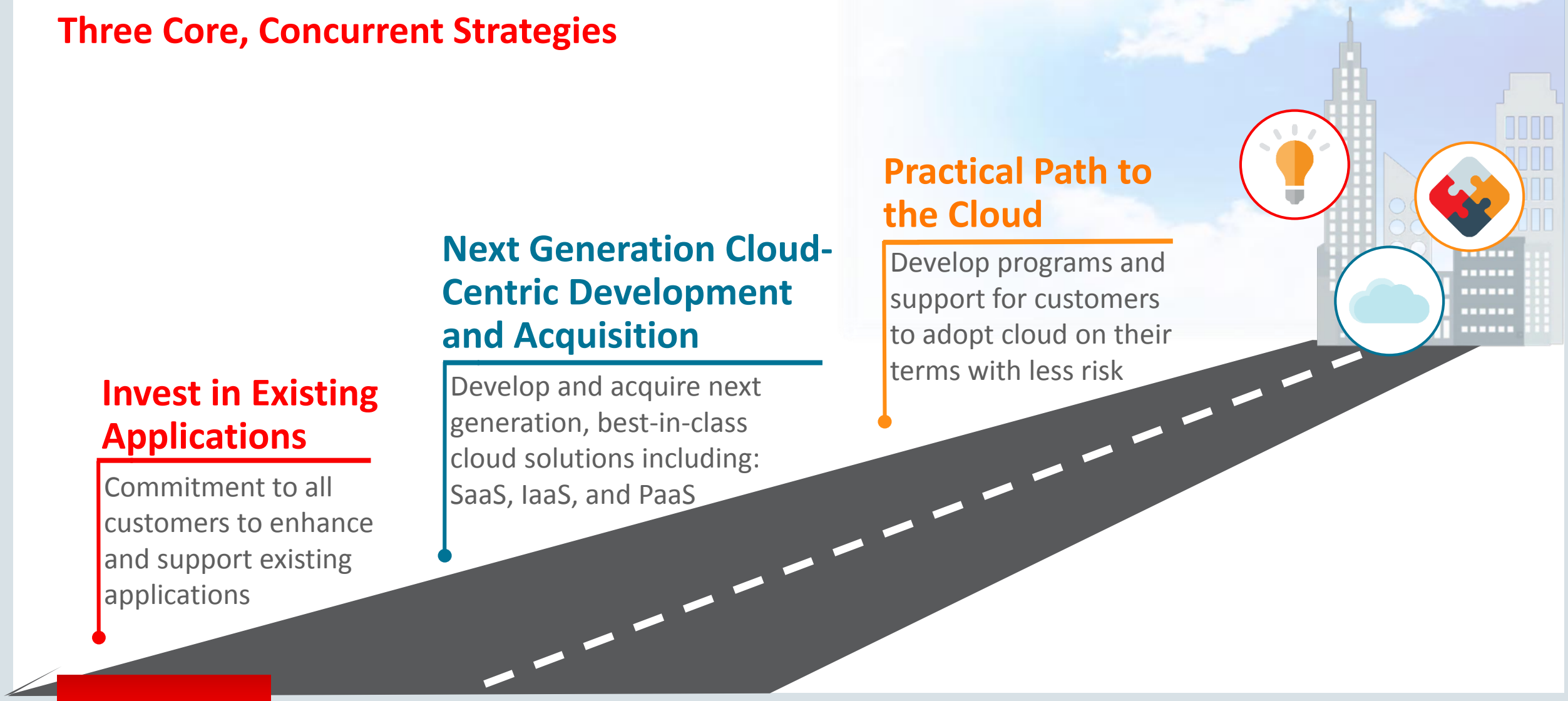
Oracle's Investment Strategy

Three Core, Concurrent Strategies



Practical Path to the Cloud

Develop programs and support for customers to adopt cloud on their terms with less risk

Next Generation Cloud-Centric Development and Acquisition

Develop and acquire next generation, best-in-class cloud solutions including: SaaS, IaaS, and PaaS

Invest in Existing Applications

Commitment to all customers to enhance and support existing applications

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Campus Solutions 9.2

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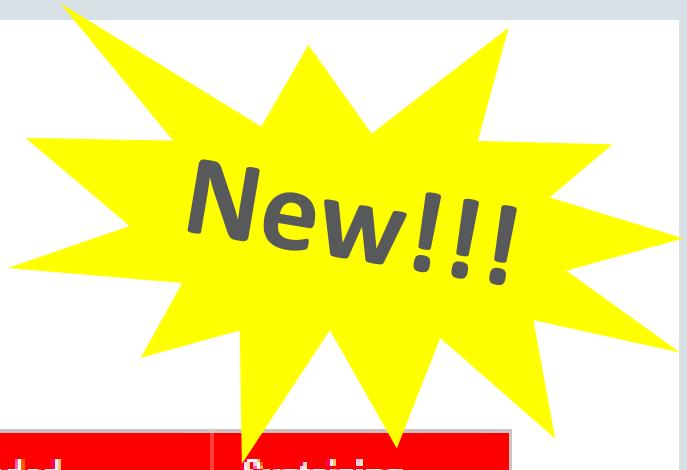
Looooooong Term PeopleSoft Support

Premier Support extended through *at least* December 2030



Product	Latest Image	GA Date	Premier Support Through At Least	Extended Support	Sustaining Support
CRM	14	Jul 2017	Dec 2030	Not Applicable	Indefinite
CS 9.2	**10**	**July 2018**	Dec 2030	Not Applicable	Indefinite
ELM	16	Jul 2017	Dec 2030	Not Applicable	Indefinite
FMS/ESA/SCM	28	Jun 2018	Dec 2030	Not Applicable	Indefinite
HCM *2	25	Jan 2018	Dec 2030	Not Applicable	Indefinite
Portal Solutions	6	Jun 2018	Dec 2030	Not Applicable	Indefinite

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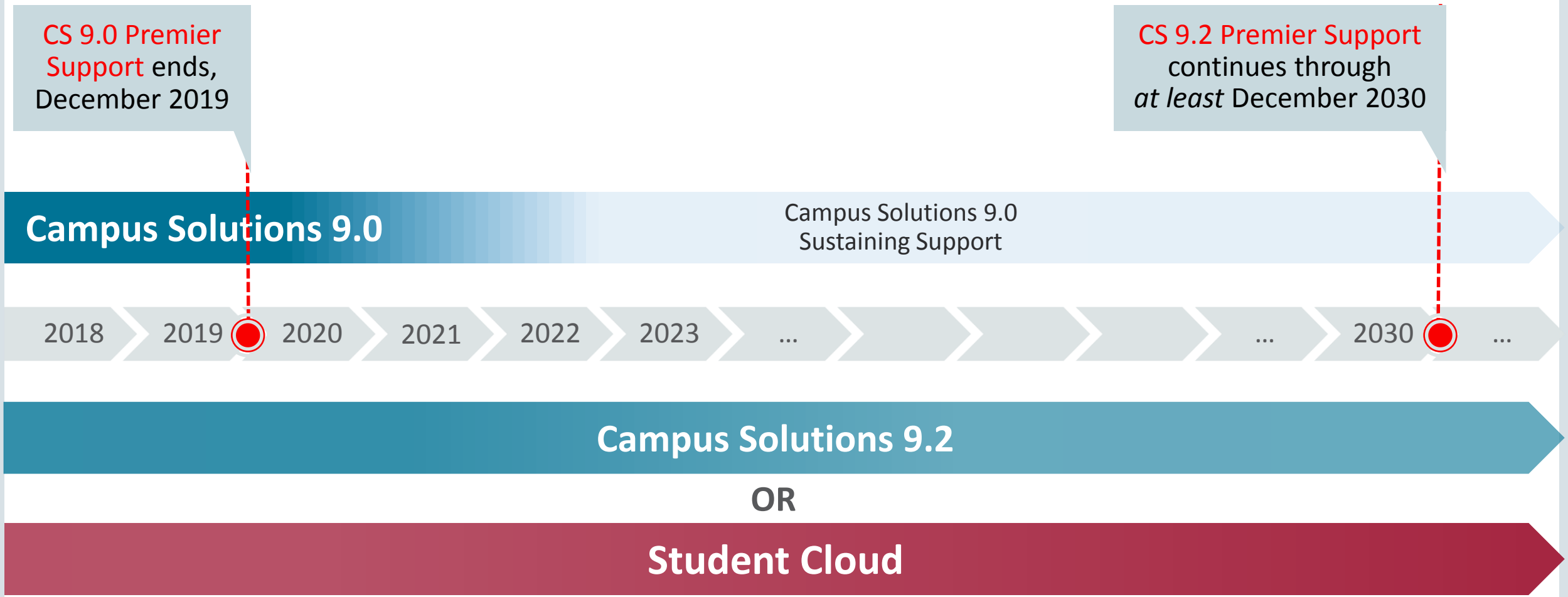
Oracle Student Products Timeline Summary



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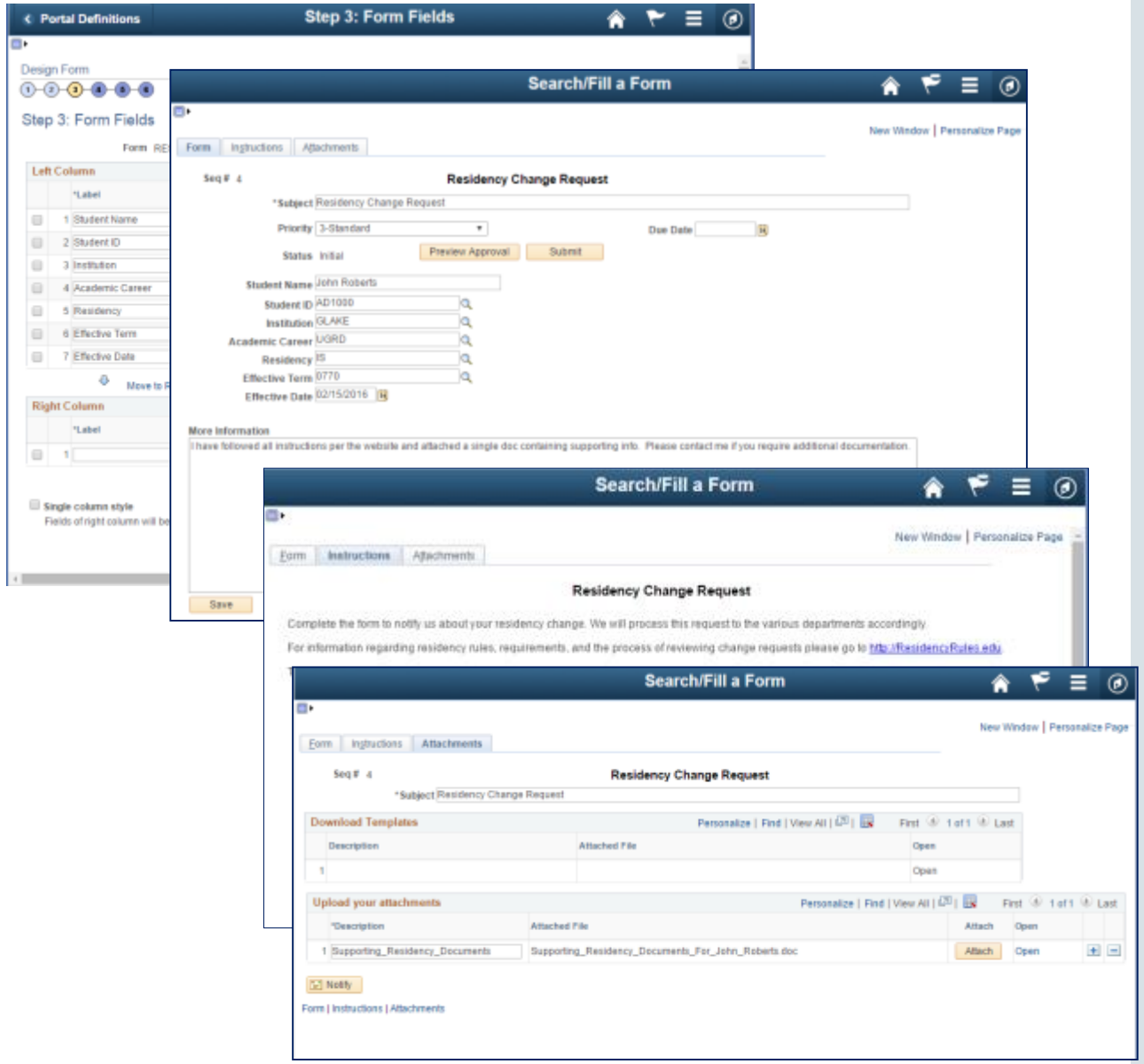
Forms Builder

Easy to deploy, efficient to use

- Step by step process to create, preview and activate forms with values that you want to capture
- Forms deployed with Instructions, URLs, Attachments
- You can use approval workflow
- No need for IT or customization

- White Paper: Doc ID 1683816.1



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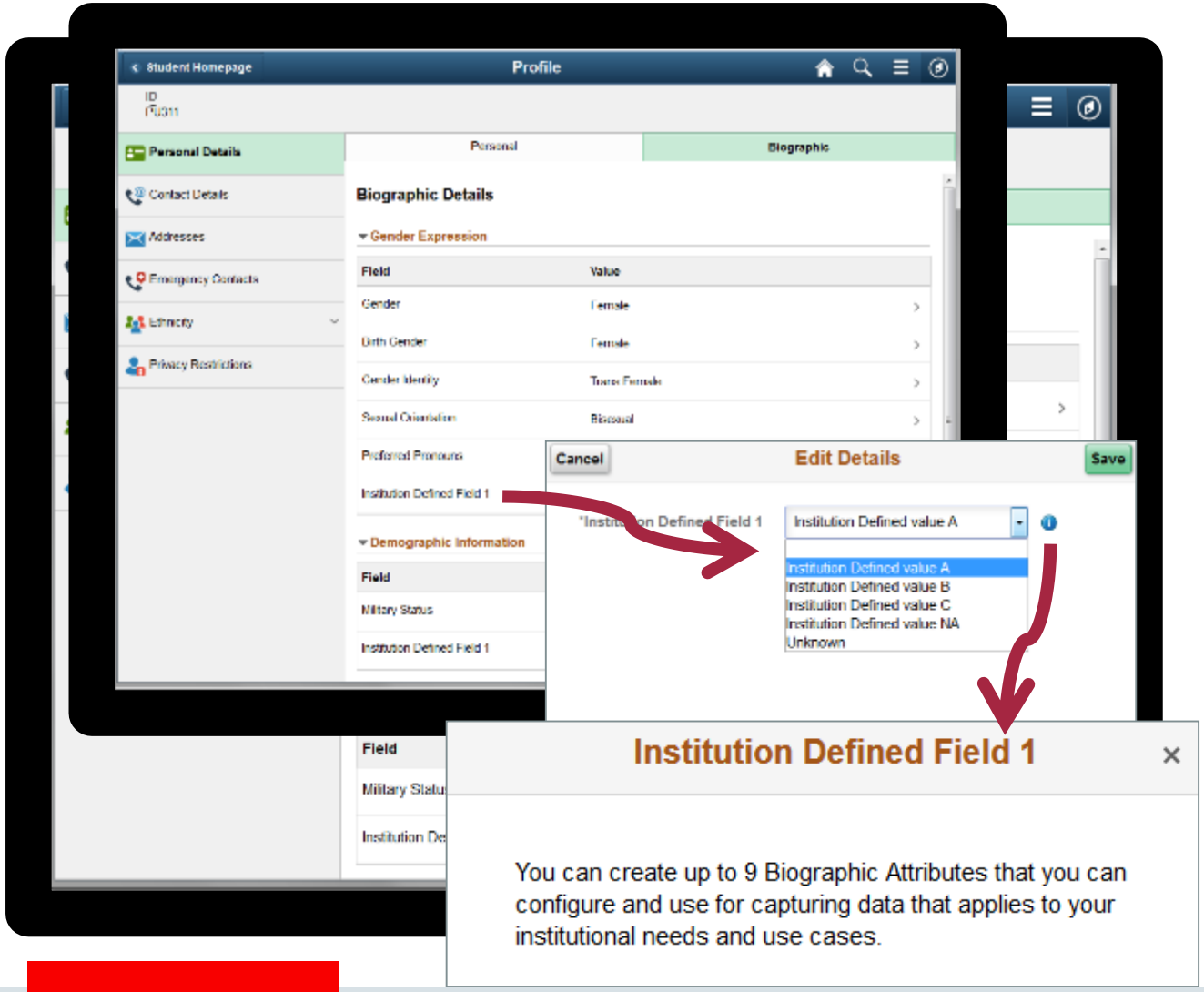
Make the Solution Your Own – Biographic Details

Reduce costs and time to value with greater configuration NOT customization



- Biographic Tab allow you configure fields, field labels, field values for Self Service
  - Gender Identity
  - Sexual Orientation
  - Preferred Pronouns and more…
- Configurable sections to organize data as you wish.
- Explanatory information text can be configured and deployed for each data field

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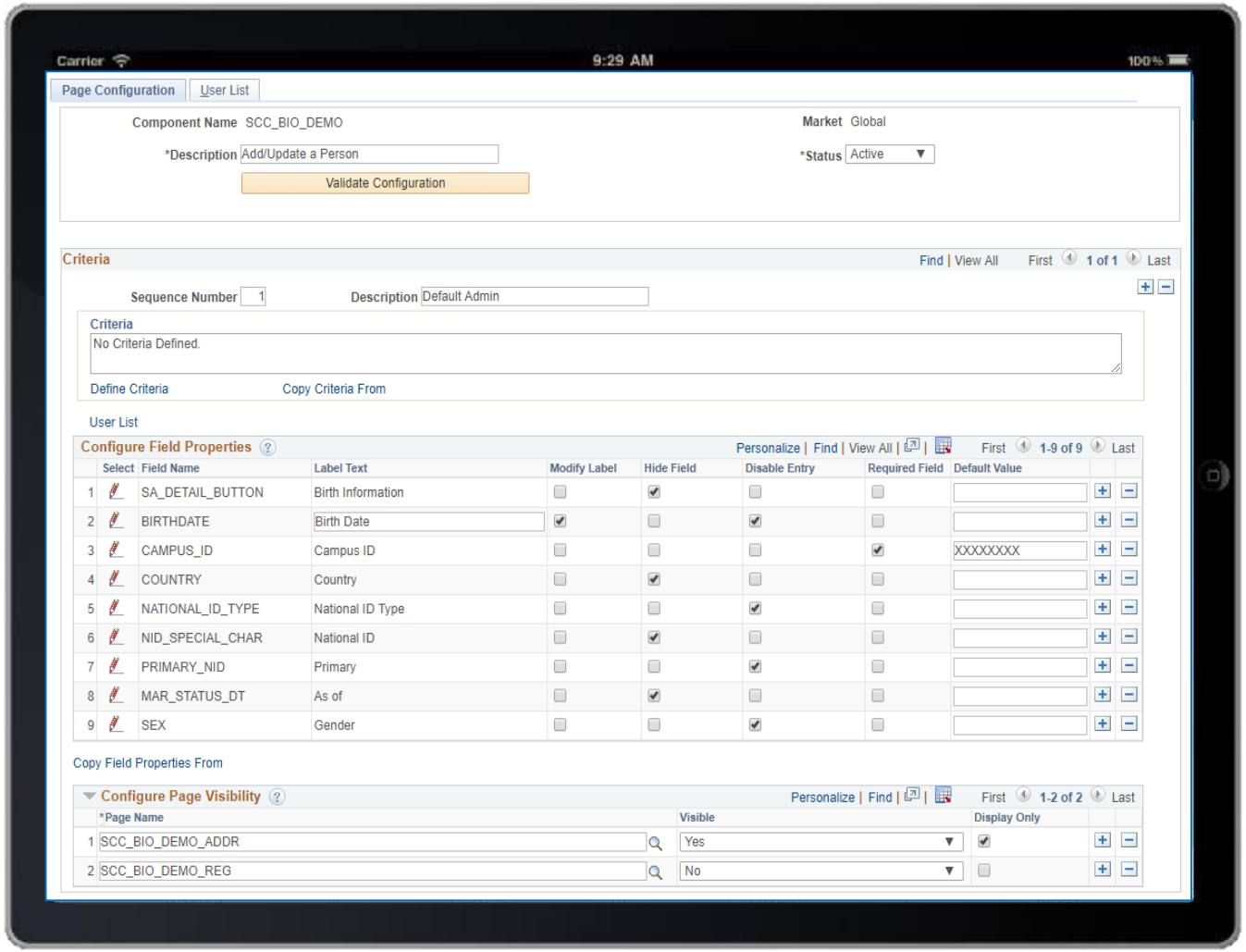
Page and Field Configurator

Modify pages and fields with configuration NOT customization



- Enables to configure certain properties of pages and fields of classic pages based on their business requirements.
- Can hide a field/page, change label of a field, add default value to a field, make the field/page read only, or mark the field as mandatory without having to customize delivered application pages
- Allows multiple configurations for a component based on different user roles
- Available in CS as of PI08 with PeopleTools 8.55.15 and 8.56.02

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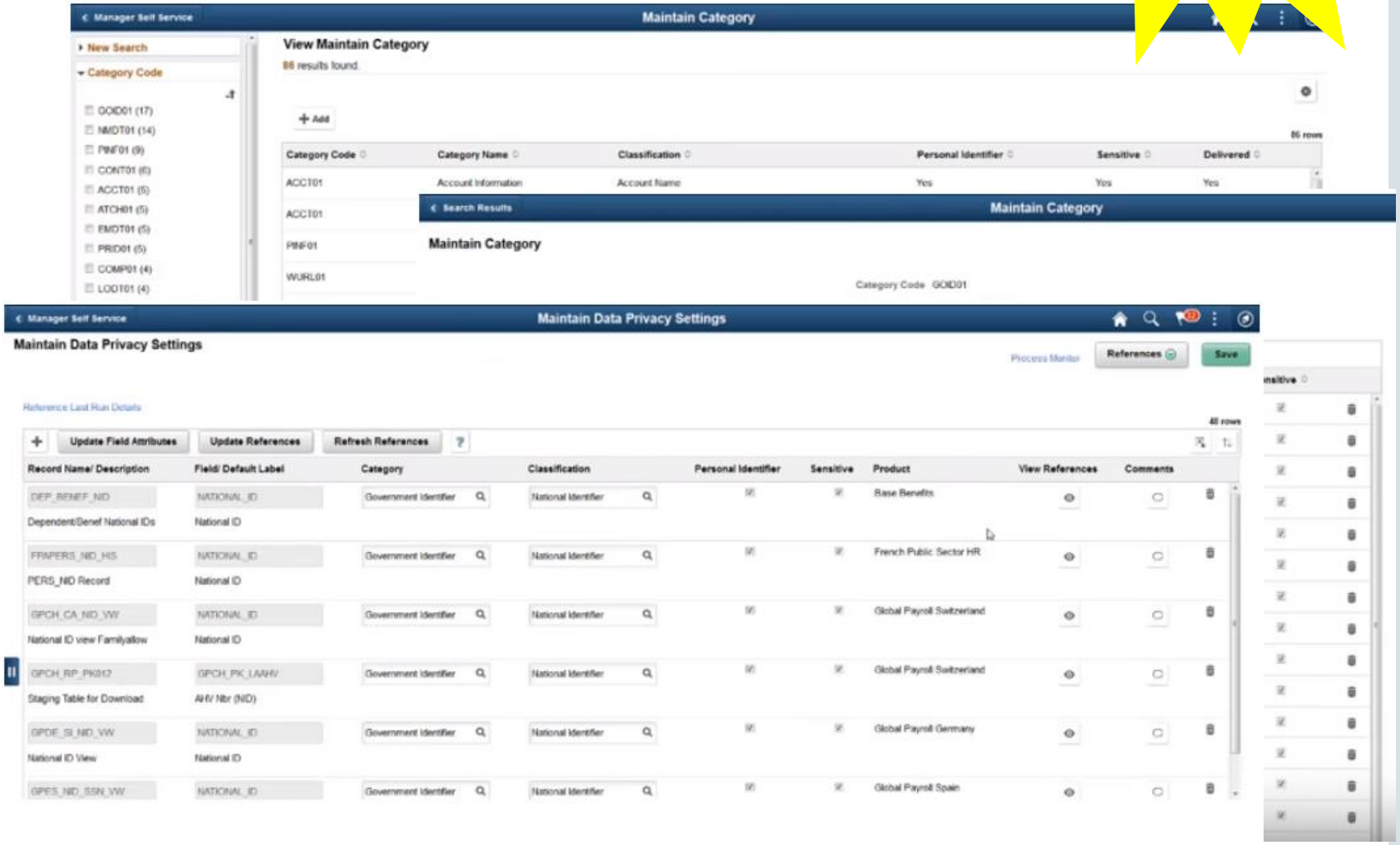
Data Privacy Framework

New!

- Enables compliance with new European GDPR legislation
- Identify fields that qualify as Personally identifiable Information (PII) or Sensitive Data
- Produce report of data for a student
- ID Delete and notification functionality



PeopleTools 8.57 Uptake

- PeopleTools 8.57 availability
  - Now available for PeopleSoft customers running on Oracle Cloud Infrastructure (OCI)
  - Availability for on-premises customers targeted for early 2019
- Tools 8.57 only deployed via DPK; Virtual CDs will no longer be available
- Potential issue with deployment of Tools 8.57 and Fluid Class Search (using Elastic Search) until after PUM Image 13. Test carefully and contact Global Customer Support if you need assistance.

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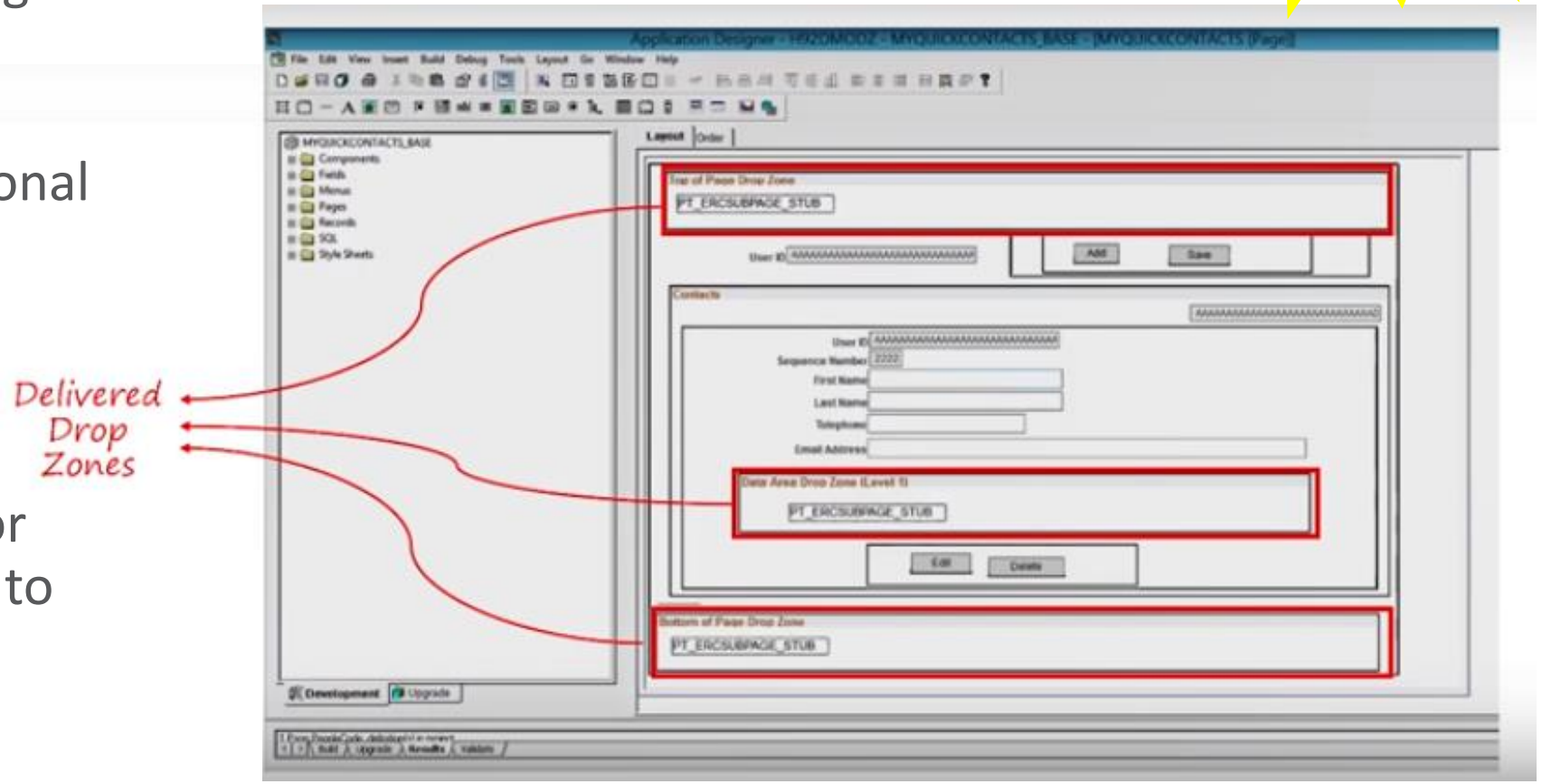
Drop Zones

New!

- Personalize delivered pages without customization
- “Placeholder” areas for customers to add additional fields or content to delivered pages
- No impact to ongoing maintenance process
- In Tools 8.57 available for Fluid pages; will expand to Classic pages in future releases.



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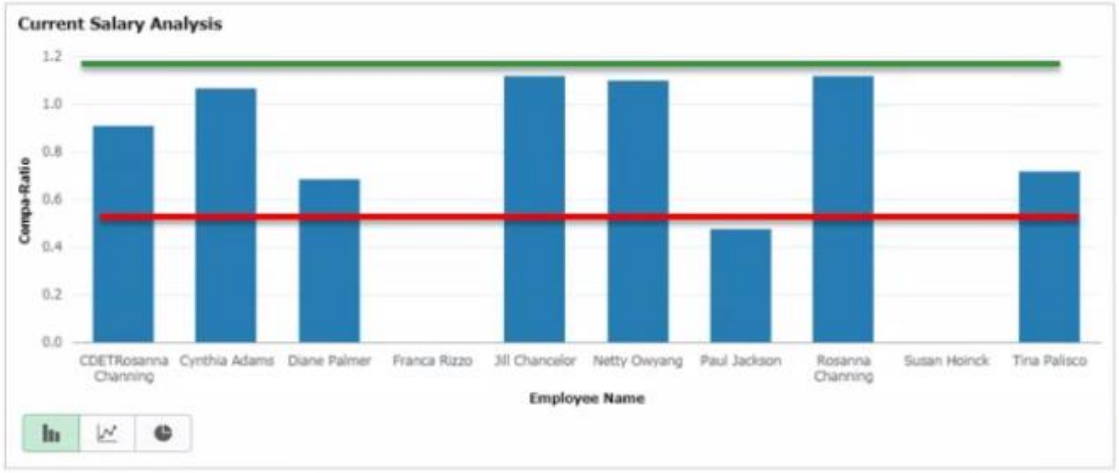
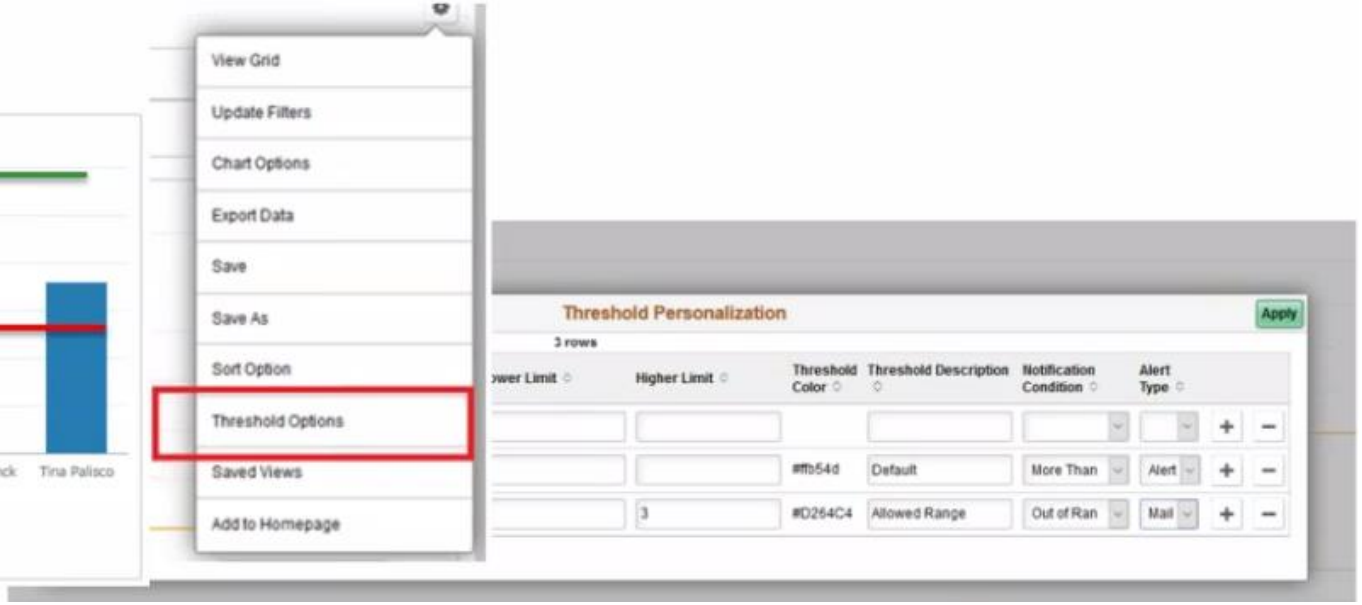
Personalized Analytic Notifications – 8.57

New!

- Offline notification when business data reaches pre-define values
- Can be a result of transaction, batch process, passage of time, anything
- Use Pivot Grid Analytics as the means of defining thresholds
  - Analytics are based on queries that can serve as the basis
  - Thresholds levels are visual





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Looking Forward

Campus Solutions

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Campus Solutions Roadmap as of November 2018

Not Comprehensive Subject to Change

Current Release

Admissions
- Application Management Fluid Approvals and Page Composer
- Enhanced Admissions Offers options

Advising
- Real-time Advising Report Generation Enhancements
- Advising Notes Access Control; Fluid SS
- Advisor Report Generation for Multiple Advisees
- Enable Fluid Academic Progress Summary to Calculate by Course Count or Units

Campus Community
- Activity Guides: View Student Agreements
- Self Service Fluid To Do List: Variable Data
- Activity Guides; Biographic data enablement
- Constituent Transaction Management (CTM) Enhancements for Bio Profile and Gender ID data
- Common Attribute Framework (CAF) enablement: Residency, Organization Tables, Contacts, Locations, Departments
- Data Privacy Framework
- Integration to Student Financial Planning (phase 1)
- WCAG 2.0 Accessibility Enhancements

Financial Aid
- Fluid Shopping Sheet
- Pop Update using data from Pop Select query

Student Financials
- Student Waivers CAF enabled
- Official Transcript Ordering and Payment

Student Records
- Fluid Unofficial and Official Transcript Request

Future

Admissions
- Recommender/Referee Support

Advising
- Managing Advisor Assignments with Population Selection

Campus Community
- Integration to Student Financial Planning (phases 2 and 3)
- Integration to Student Management Cloud
- Integration to CX Cloud

Contributor Relations
- Enhanced Organization Profiles
- Integration to CX Cloud

Student Records
- Program Enrollment Quality Initiative **(ongoing)**
- Activity Management Quality Initiative **(ongoing)**
- Request for Enrollment Verification (Fluid)
- Request for Graduation (Fluid)
- Program Enrollment Program Transfer
- Enrollment Prevention: Exceeding Facility Capacity
- Grade Roster Update: Last Date of Attendance

Financial Aid
- Exit Counseling Enhancements
- Loan Type Inactivation
- Enablement of CAF for STDNT_AWARDS record

Student Financials
- Upgrade SF Worklists to AWE

Cross Product Business Continuity
- Enhanced personalization controls via Page and Field Configurator
- Continued Common Attribute Framework (CAF) enablement: e.g., Instructor -Advisor Table
- PeopleTools 8.56 Classic Plus; Priority Components
- Continued Accessibility Enablement

Global Regulatory Updates 2018-2019
- HEIMS TCSI Student Data Reporting Process

US FA Regulatory Updates 2018-2019

Cloud Migration Enablement
- Partner training
- Data migration utilities

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Transforming the Collection of Student Information (TCSI)

- Merges DET HEIMS student data collection and DHS CART Centrelink data collection to reduce duplication
- Inclusion of Centrelink reporting requires more frequent reporting than HEIMS
- Replaces existing HEPCAT/CART with RESTful APIs
- Oracle Development working closely with institutions through HEUG functional/technical workgroups meeting frequently
- Several institutions have volunteered to test POC (Proof Of Concept)
- Delivery schedule TBD

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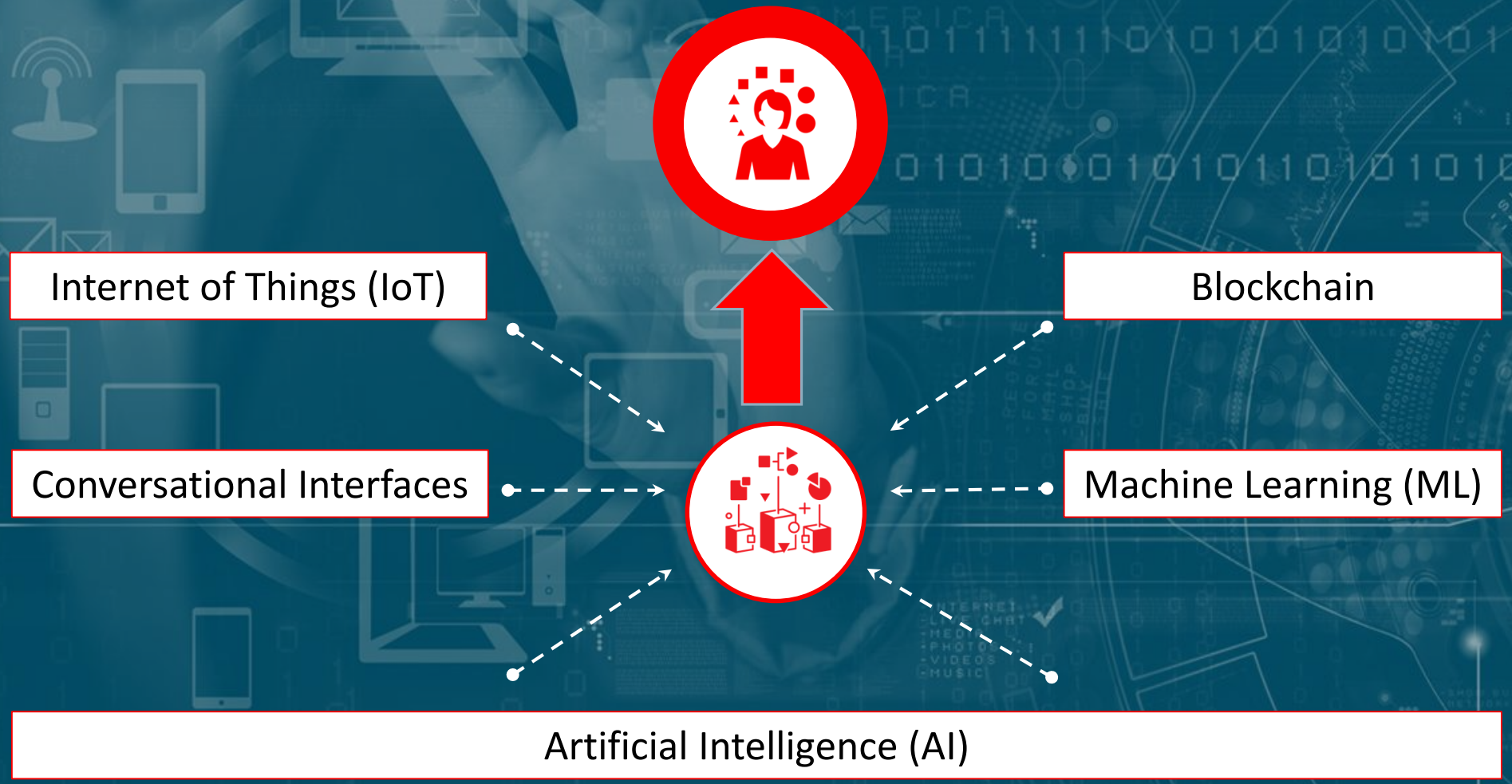
Innovative technologies enhance your ecosystem



The University of Adelaide

Student Guidance Bot (Built in 2 weeks)

- 2500 users have chatted to the bot. Increase in engagement with far more people than we would have if we were not using the bot.
- 47% less calls than last year, have had 197 live chats
- Average wait time on the phone only 1 1/2 minute(max), compared to up to 40 minutes last year
- Additional Bots for foreign recruitment & campus to be deployed soon

40 min down to 1 1/2min
Average call wait time

> Today we have had **47% less calls than** last year … **Our call % handled is sitting at 93%,** …are actually able to **decrease our email backlog as we have staff to spare**! Our student service manager (who provide extra support during this day) said this is the smoothest he's ever seen results day run.
>
> – Catherine Cherry, Director of Student Recruitment and Admission Services

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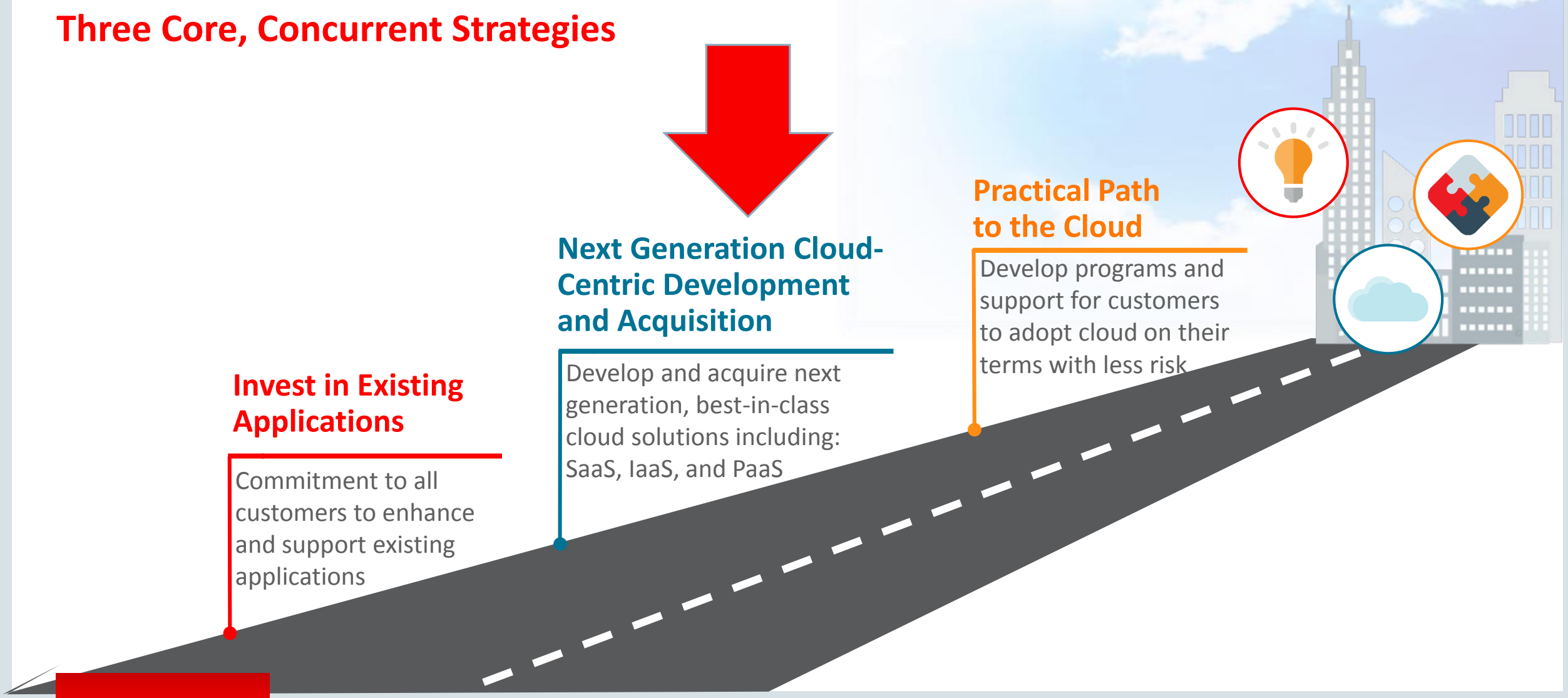
Oracle's Investment Strategy

Three Core, Concurrent Strategies



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Practical Path to the Cloud

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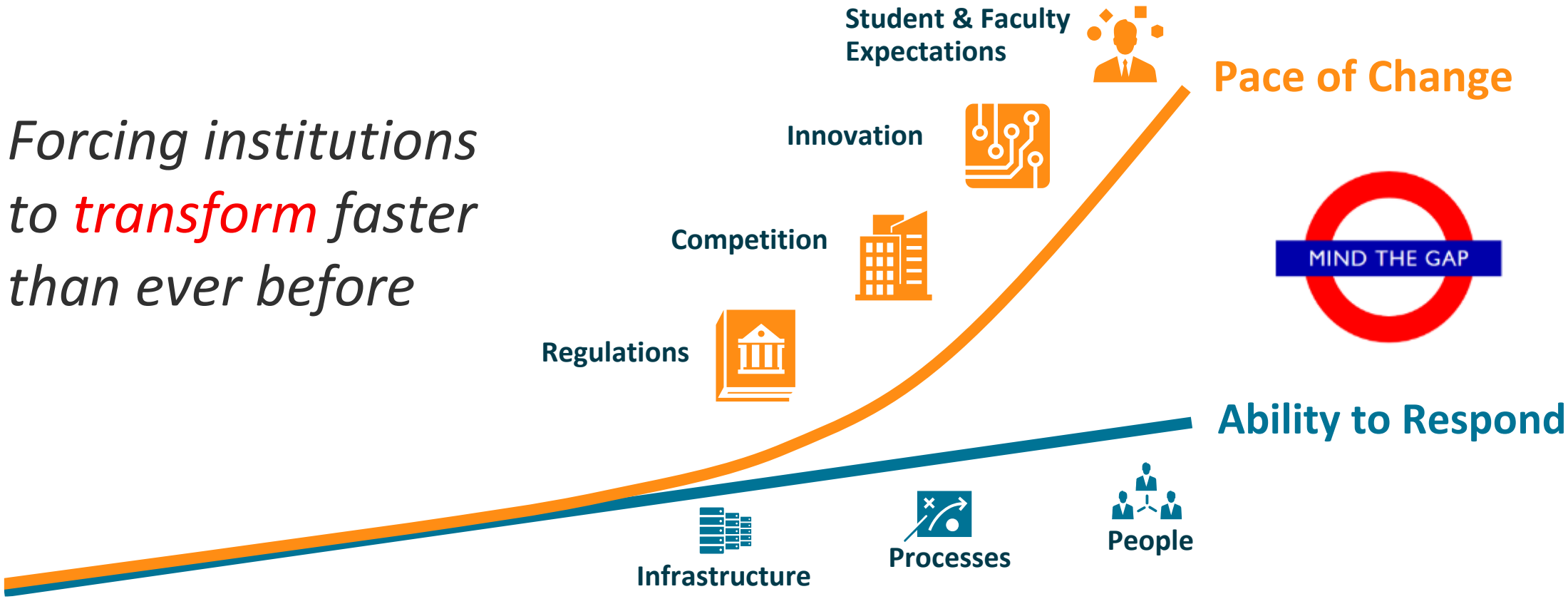
Institutions need to transform to stay ahead

Forcing institutions to transform faster than ever before



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Leading to an evolution of the higher education model

From Institutional focus to Consumer focus

Traditional: Institution Centered	Next Generation: Consumer Centered
Course	Person
Classroom	Anywhere
Age 18-23	Age 16-99+
Weekdays	Anytime, 24x7
Term-Based Progress	Flexible Time Period
Diploma & Degree	Badges & Certificates
Major & Minor	Competency
Knowledge Tested	Outcome Proven

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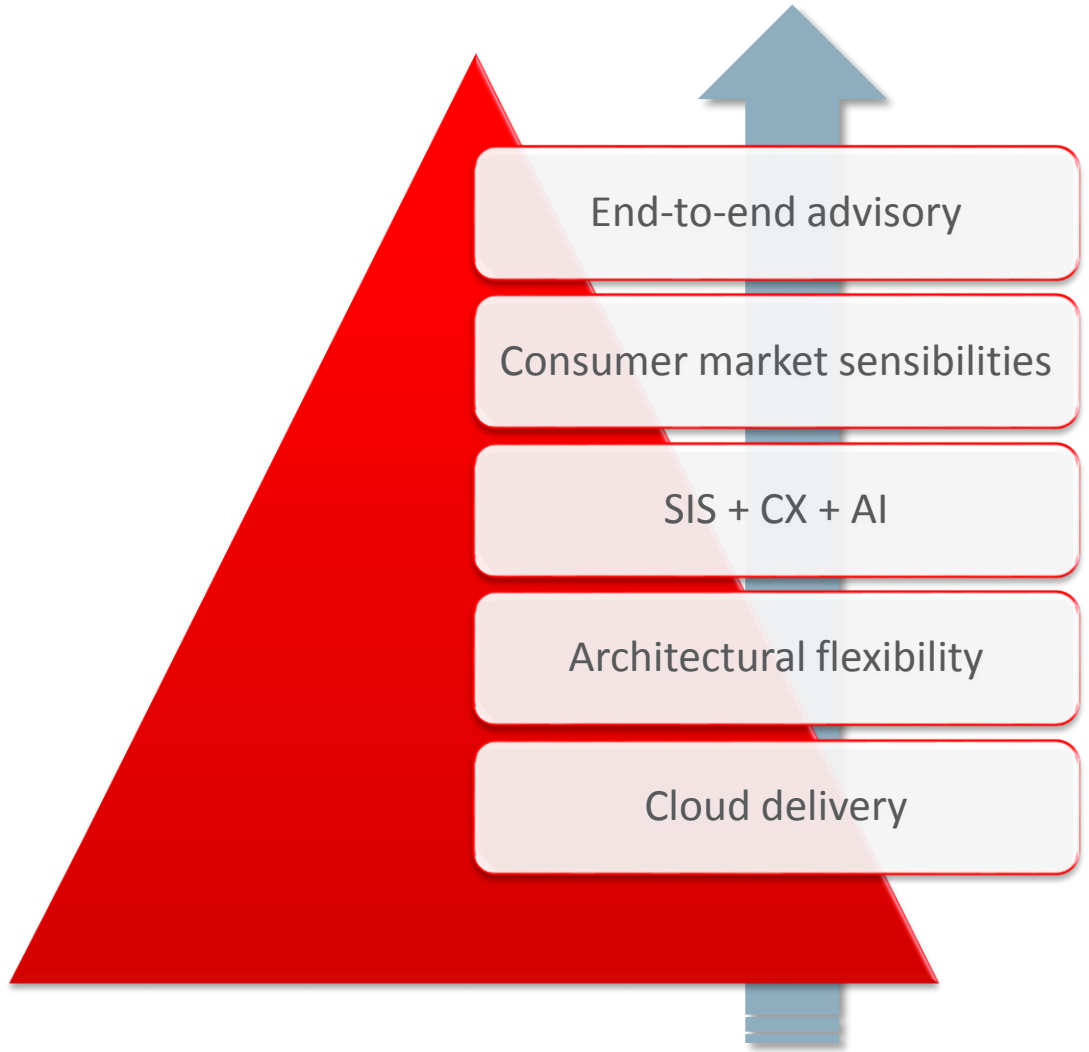
Industry disruption requires a *new type of solution*

- Cloud delivery
  - Reduce resources for commodity functions
  - Increase access to innovation
- Architectural flexibility
  - Beyond the credit hour
- SIS + CX + AI
  - Transactions, interactions, and insight
  - Blurring solution boundaries
- Consumer market sensibilities
  - Automation of routine tasks
  - Proactive and responsive engagement
  - Intuitive and familiar
- End-to-end advisory
  - Lifecycle management



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WHAT is Student Cloud?

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Next Generation Student System

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STUDENT CLOUD

New Architecture – New Technology – New Designs & Data Model

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Student Cloud

CX for HED

- Student Recruiting
- Student Engagement
- Student Support
- Alumni/Donor Management

Student Management

- Student Management – Continuing Ed
- Student Management - Traditional Programs

Student Financial Planning

- Student Financial Planning (US)
- Student Financial Planning (Global)

Student Success

- Student Success

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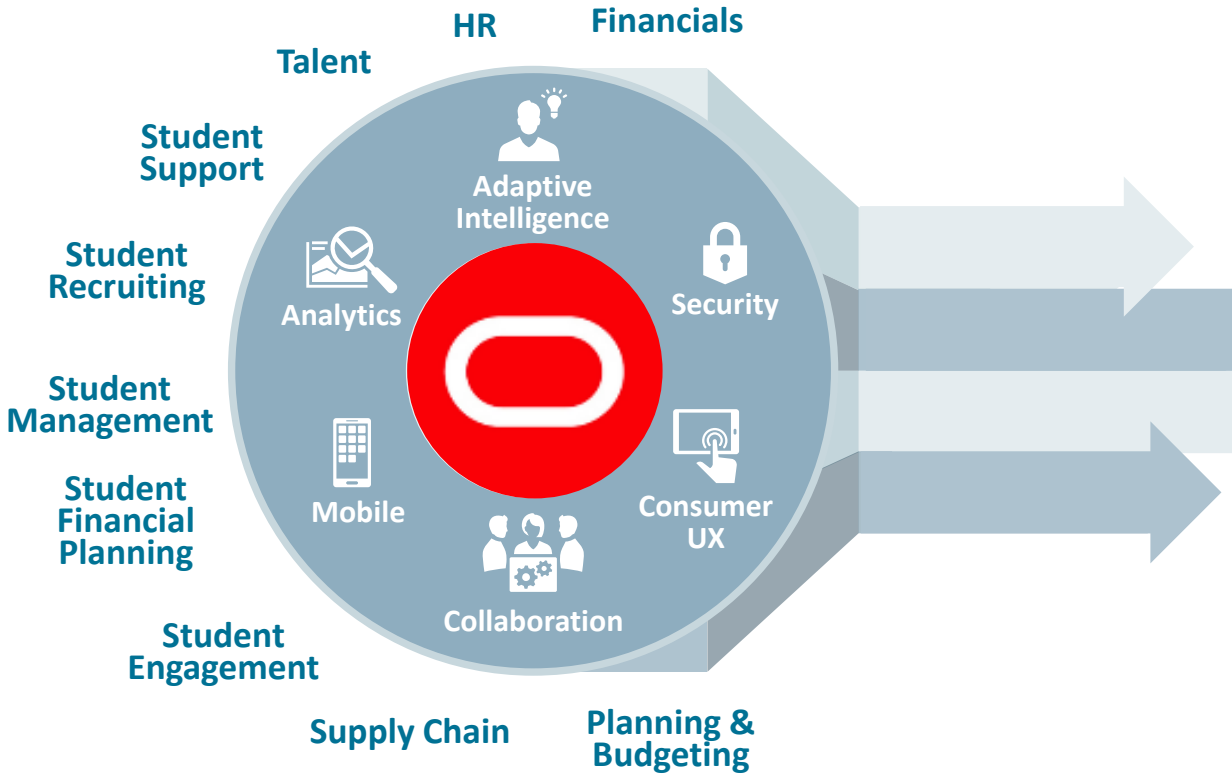
Student Cloud: Innovating the Student Journey

Oracle Higher Ed Foundation



Oracle Student Cloud

Flexible architecture | common platform | intuitive interface | powerful communication and AI

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A Quick Look…

Oracle Student Management

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Curriculum Registry *(delivered)*

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Catalog

Courses Programs

Search

Academics View All

A Global History of Architecture

To be scheduled.

Course start dates have not been announced yet. Check back later.

Introduction to U.S Poltics and Government

To be scheduled.

Course start dates have not been announced yet. Check back later.

Materials of Construction

Zero Net Energy Technician has the general knowledge of many variations of renewable energies. The technician can serve as a liaison between building stakeholders and a specialized technician or can continue to pursue a specialized credential. Zero Net Ener...

View Details

Philosophy: God, Knowledge and Consciousness

To be scheduled.

Course start dates have not been announced yet. Check back later.

The Civil War and Recor

To be scheduled.

Course start dates have not bee yet. Check back later.

Art and Architecture View All

2D Foundations

A Global History of Architecture

Advanced Interpretive Dance

Architecture: Culture and

Art Basics

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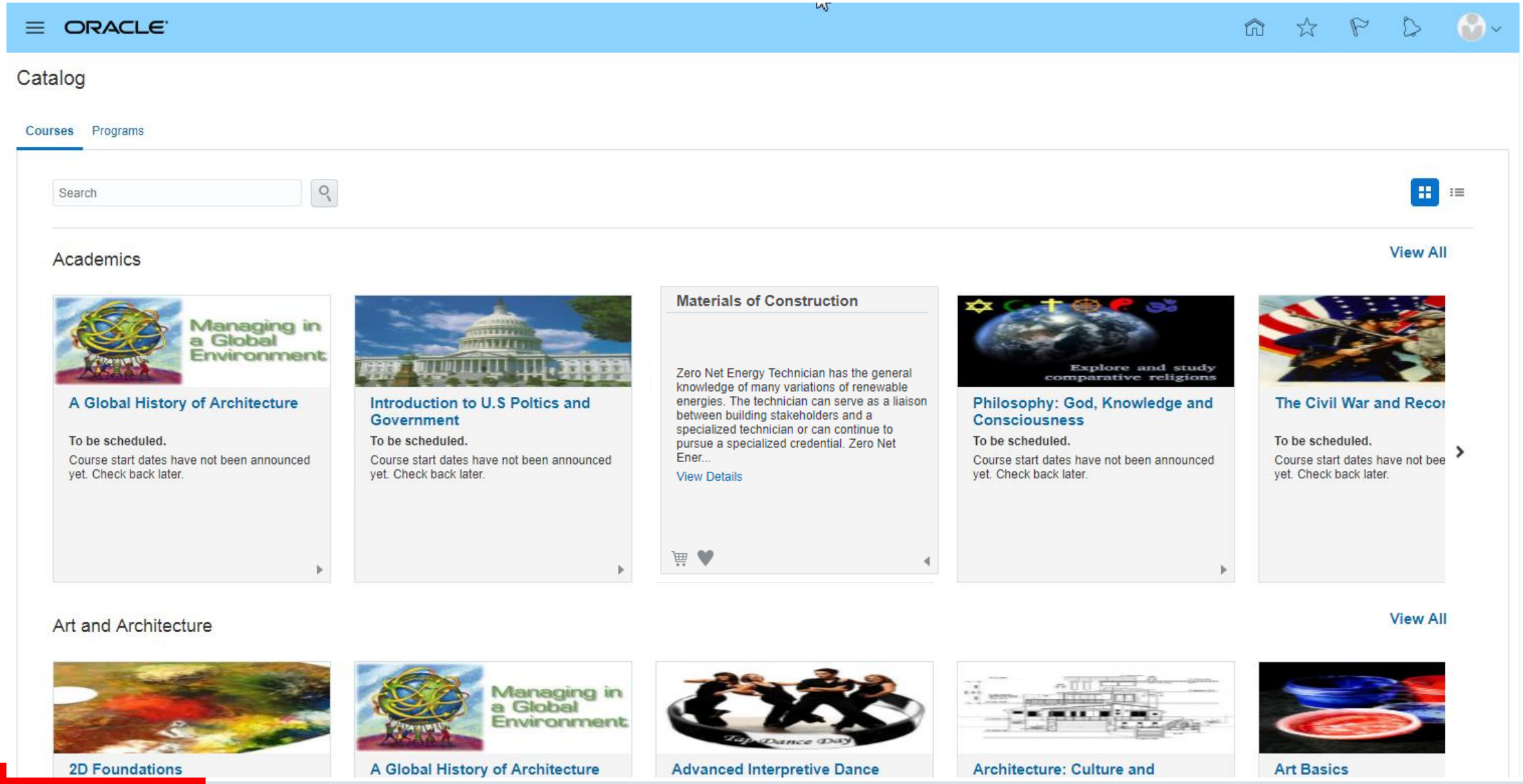
Curriculum Registry *(delivered)*



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Course Details *(delivered)*

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EDUC ARCH 002 - ARCH 1a: Materials of Construction

Done

11/9/18 - 12/14/18
Fridays
5:30 PM-7:45 PM
Striker Building 10

$ 880.00

Course Details

Zero Net Energy Technician has the general knowledge of many variations of renewable energies. The technician can serve as a liaison between building stakeholders and a specialized technician or can continue to pursue a specialized credential. Zero Net Energy Technicians (ZNET) and building stakeholders work in a team environment, coordinating maintenance schedules, mechanical and electrical breakdowns. Together they verify that the building systems are working within the design conditions. This introductory certificate focuses on key factors involving design of Zero Net Energy (ZNE) buildings and maintenance. ZNE building design process is explained. Students will learn the fundamentals of the ZNE building design through each step of design and construction process - from predesign to occupancy and operations. Operation and proper maintenance of the energy systems which include, HVAC, Solar, lighting and envelope are analyzed in depth.

Type of Credit	No Credit Type	Course	EDUC ARCH 002
Credential	Certificate of Completion	Grading Options	Pass/Fail Letter Grade

Scheduled course information

Zero Net Energy Technician has the general knowledge of many variations of renewable energies. The technician can serve as a liaison between building stakeholders and a specialized technician or can continue to pursue a specialized credential. Zero Net Energy Technicians (ZNET) and building stakeholders work in a team environment, coordinating maintenance , mechanical and electrical breakdowns. Together they verify that the building systems are working within the design conditions. This introductory certificate focuses on key factors involving design of Zero Net Energy (ZNE) buildings and maintenance. ZNE building design process is explained. Students will learn the fundamentals of the ZNE building design through each step of design and construction process - from predesign to occupancy and operations. Operation and proper maintenance of the which include, HVAC, Solar, lighting and envelope are analyzed in depth.schedulesenergy systems

Estimated cost

Estimated Cost for this course is $880.

General information

Zero Net Energy Technician has the general knowledge of many variations of renewable energies. The technician can serve as a liaison between building stakeholders and a specialized technician or can continue to pursue a specialized credential. Zero Net Energy Technicians (ZNET) and building stakeholders work in a team environment, coordinating maintenance , mechanical and electrical breakdowns. Together they verify that the building systems are working within the design conditions. This introductory certificate focuses on key factors involving design of Zero Net Energy (ZNE) buildings and maintenance. ZNE building design process is explained. Students will learn the fundamentals of the ZNE building design through each step of design and construction process - from predesign to occupancy and operations. Operation and proper maintenance of the which include, HVAC, Solar, lighting and envelope are analyzed in depth.schedulesenergy systems

Learning objectives

Learning Objectives:1. Understand how material components add efficiencies to energy.2. Connect component interactions and impacts.

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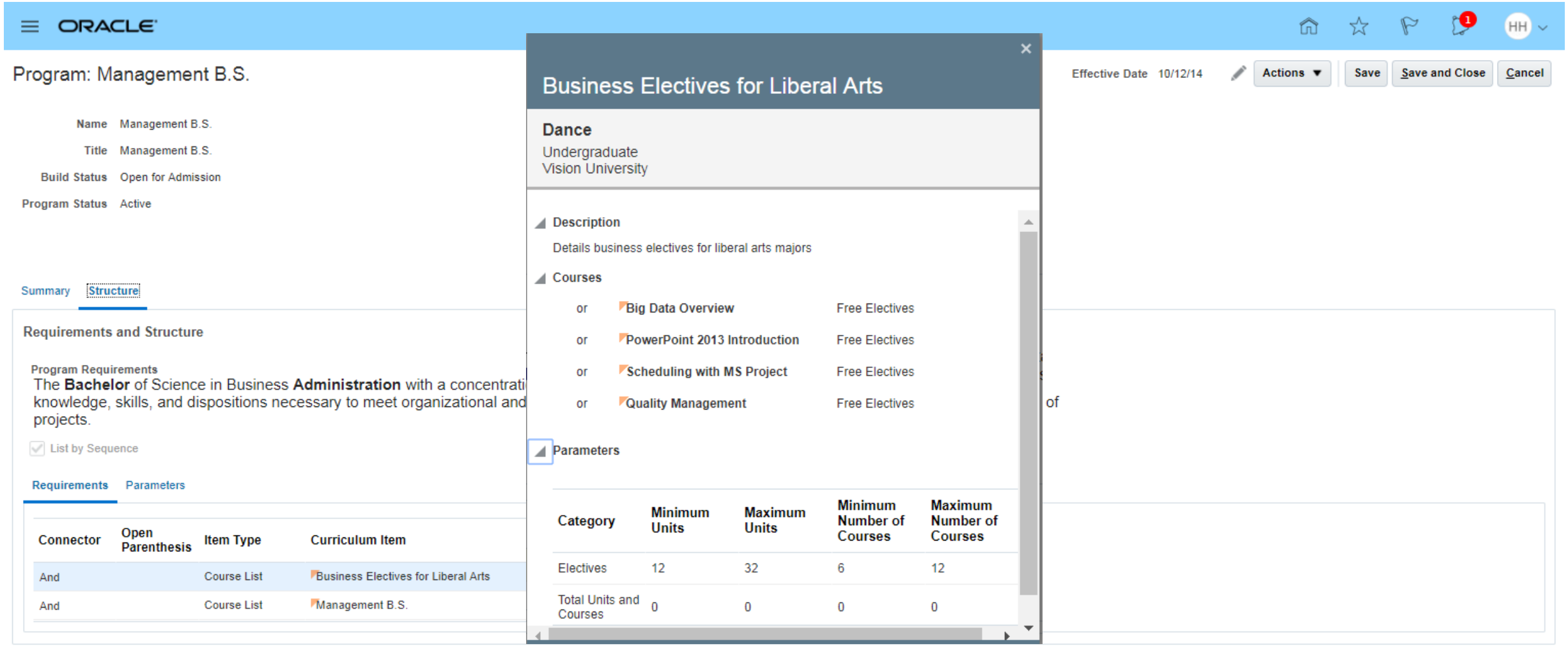
Curriculum Structure *(delivered)*



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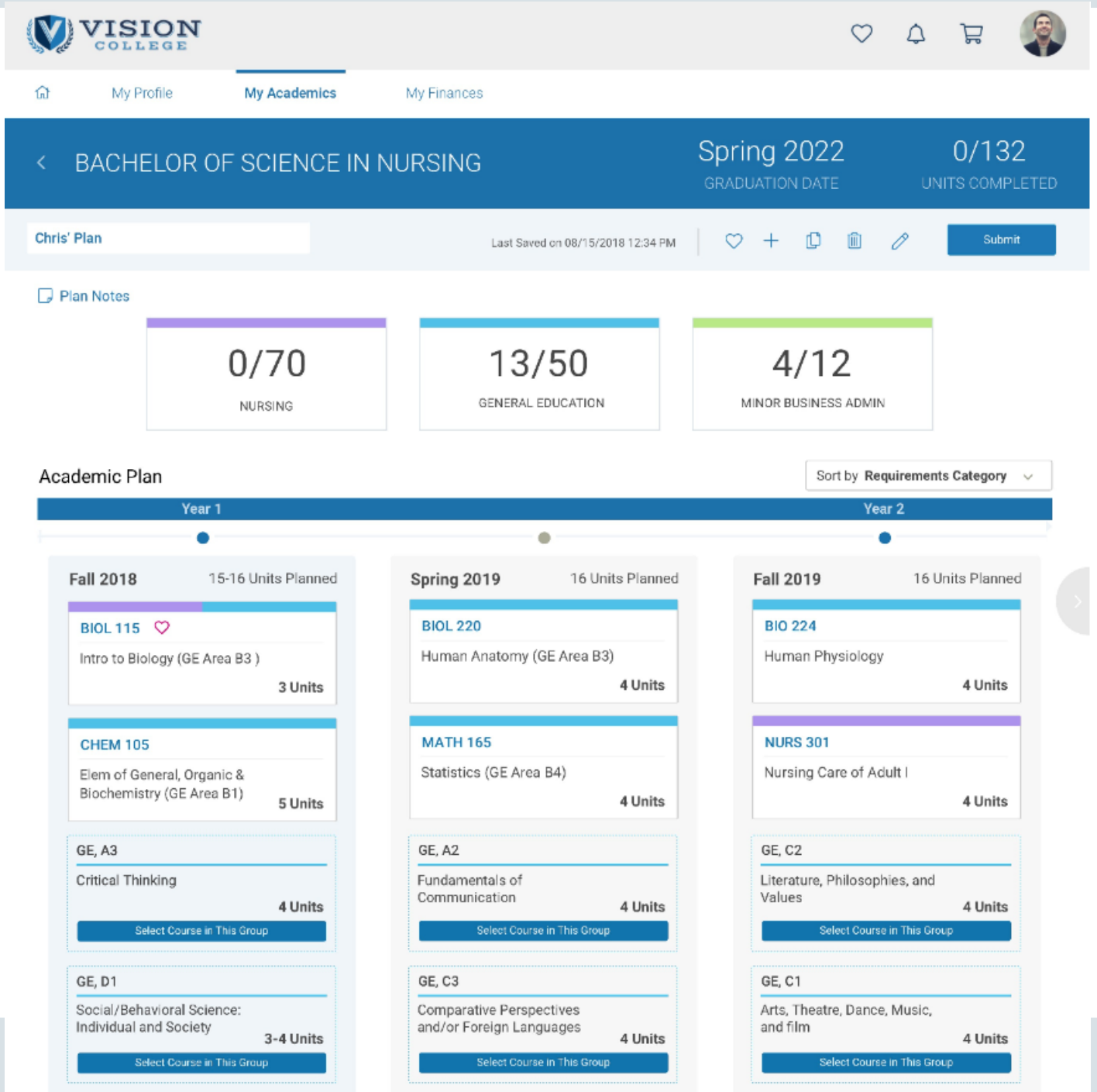
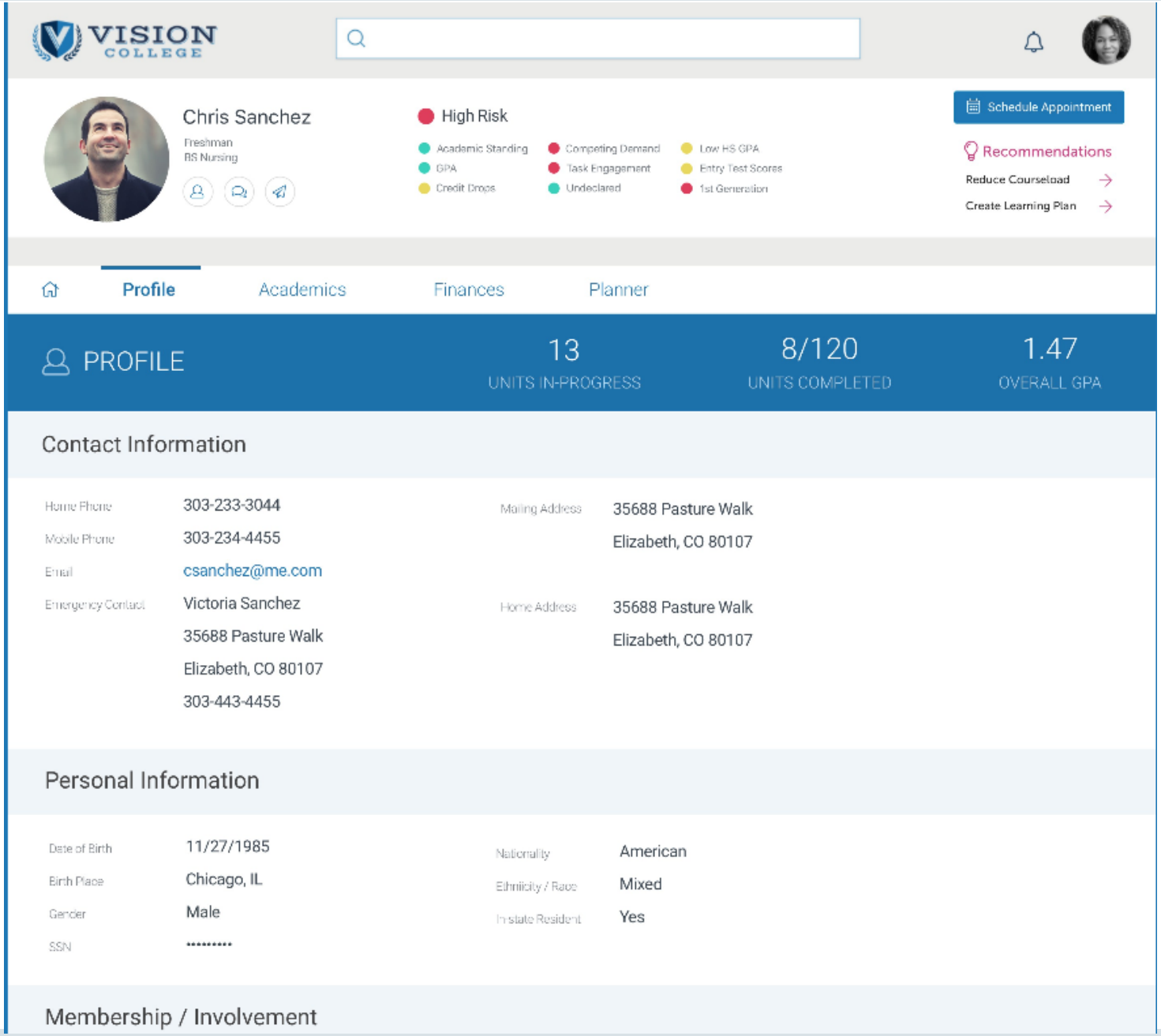
Student Planner

(planned design)



Advisor 360 View

(planned design)



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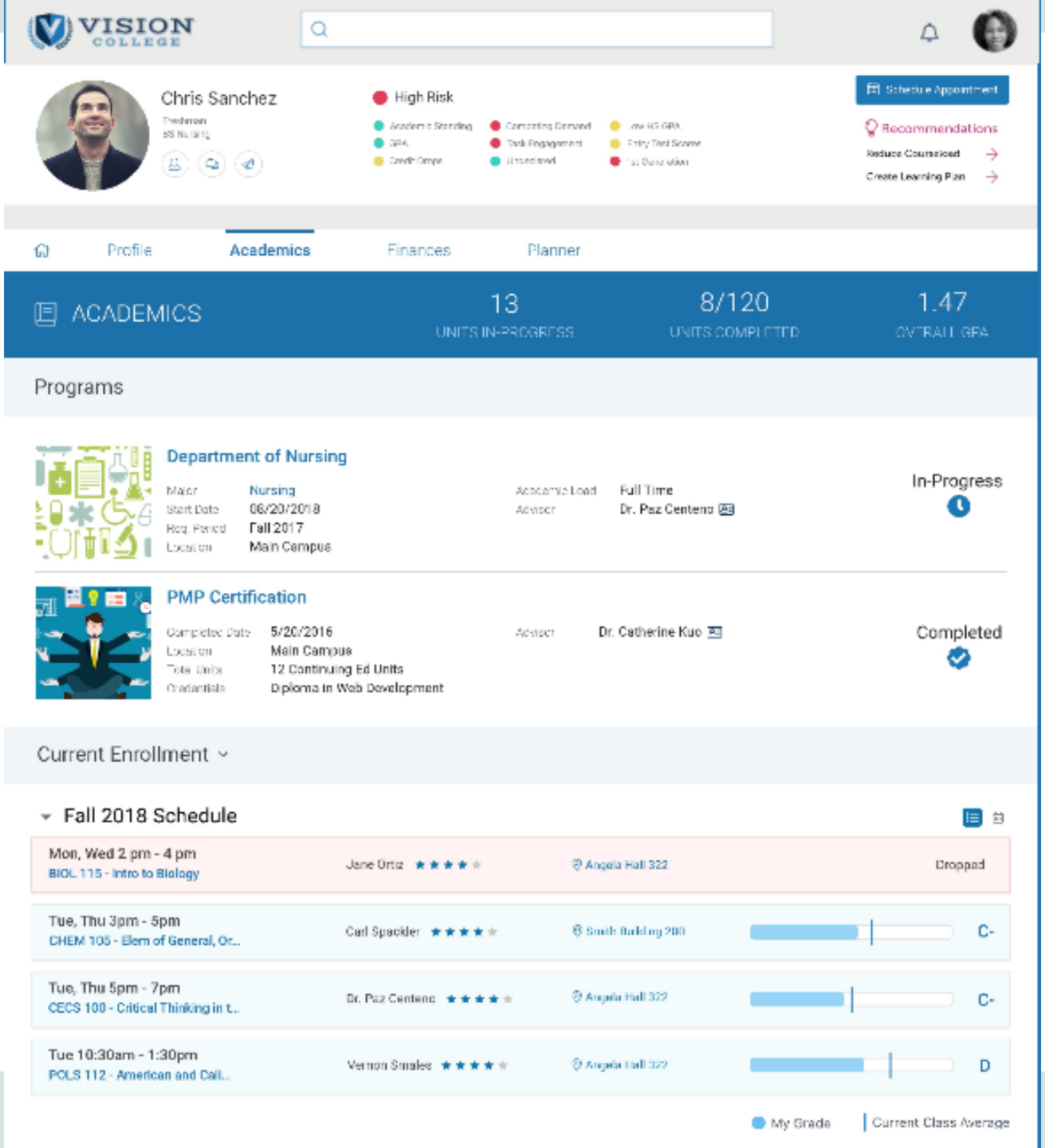
Advisor 360 View

(planned design)



WHEN can you leverage the new SIS?

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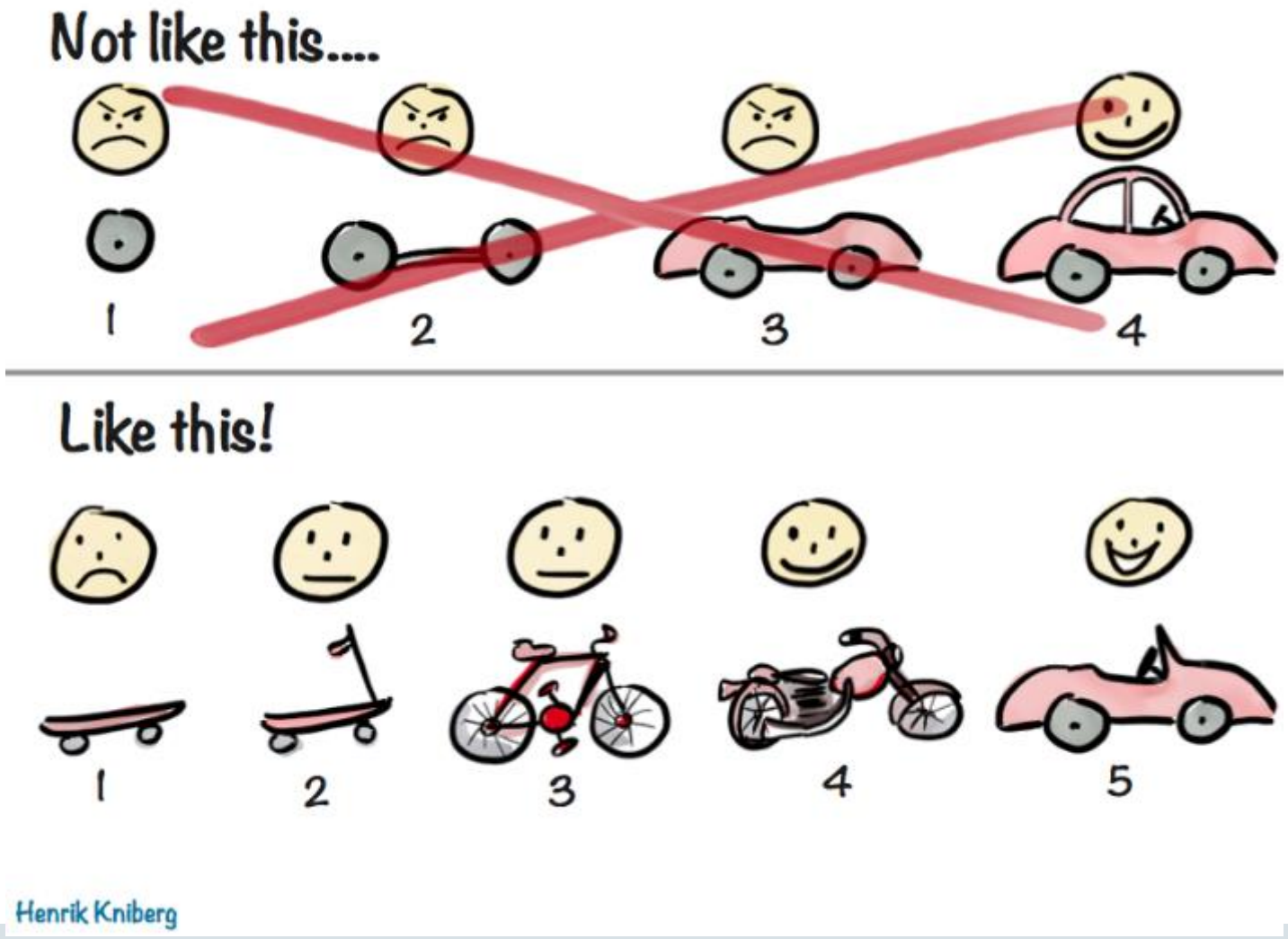
Oracle Student Cloud Roadmap

Our Product Development Approach



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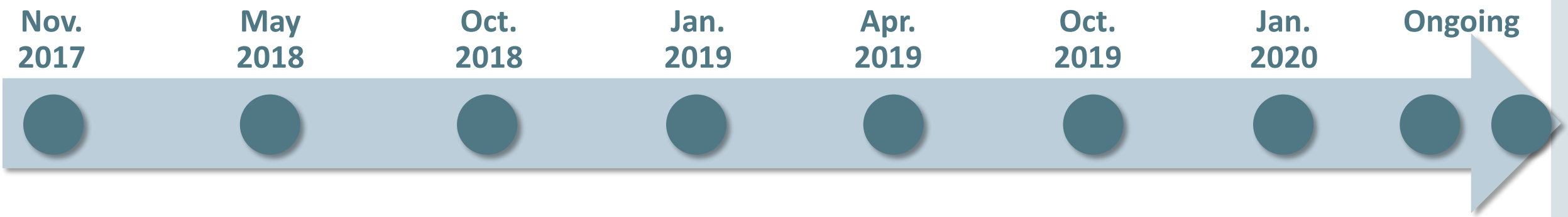
Student Management Release Cycle

Accelerating access to innovation



Continuing Education

Traditional Programs – Core

Traditional Programs - Comprehensive

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Oracle Applications: Current Release and Roadmap

Student Cloud

Current
Update 18C (November 2018)

Admissions
- Online Application
- Auto-admit

Campus Community
- Holds/Service Indicators
- External Organizations
- Person Tags

Infrastructure/Utilities
- Analytics (Enrollment, Student Account)
- Population Selection
- Notifications

Student Financials
- Pay to Enroll
- Fees & Discounting
- Tuition Calculation
- Hosted Payment
- Adjustment Calendars
- Generate and print Bill
- Online Bill payment

Student Financial Planning
- US Financial Aid
- Integration with Campus Solutions (person data)

Student Records & Enrollment
- Institution Structures
- Academic Calendar
- Curriculum definition
- Course Requisites
- Outcomes definition
  - Grades, Credentials
- Credential posting
- Class Rosters, Grade Rosters
- Wish List
- Class Enrollment – Add to Cart or Student Scheduler
- Add/drop processing
- Academic Statistics
- Waitlist processing (manual)

Next

Admissions
- Load application files
- Load test scores
- Extensible application
- Manual Evaluation & Decisions
- Applicant Dashboard

Campus Community
- Student Privacy

Student Records & Enrollment
- Basic Transcript
- Mass Enrollment
- Student Planner (Guided Pathways support)
- Student withdrawals
- Student Academic Record
  - Level/load
  - Standing
- Advisor support
- Enrollment Appointments
- LMS Integration

Student Financial Planning
- Institutional Methodology
- Federal Work-Study
- Integration with Campus Solutions (additional data)

Student Financials
- 3rd Party Sponsorships
- Payment Application
- Financial Aid Refunds
- Waivers
- Tax Reporting (1098-T)

Infrastructure/Utilities
- Event-based Communications
- Checklists
- REST service enablement
- Analytics
- Rules Engine
- Workflow
- Integration with Campus Solutions (person data)

Future

Admissions
- Load complex applications
- Transcripts, Referrals
- Automated Evaluations & Decisions

Student Records & Enrollment
- Transfer Credit
- Program-based enrollment
- Degree Progress
- Graduation processing
- Scheduled Course Rollover
- Room Scheduling integration

Student Financials
- Cashiering, Late Fees & Collections
- Payment Plans

Student Financial Planning
- Global framework
- Federal Work-Study-Payroll integration

Global Features

Infrastructure/Utilities
- Integration with Campus Solutions (additional data)
- Student Support Integration

Fundraising

Career Services

The above is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle Corporation.

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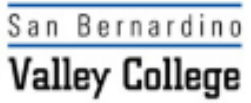
Student Cloud Design Review Council (DRC)



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Student Cloud Focus Groups Participants

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STUDENT CLOUD EARLY ADOPTER CUSTOMERS

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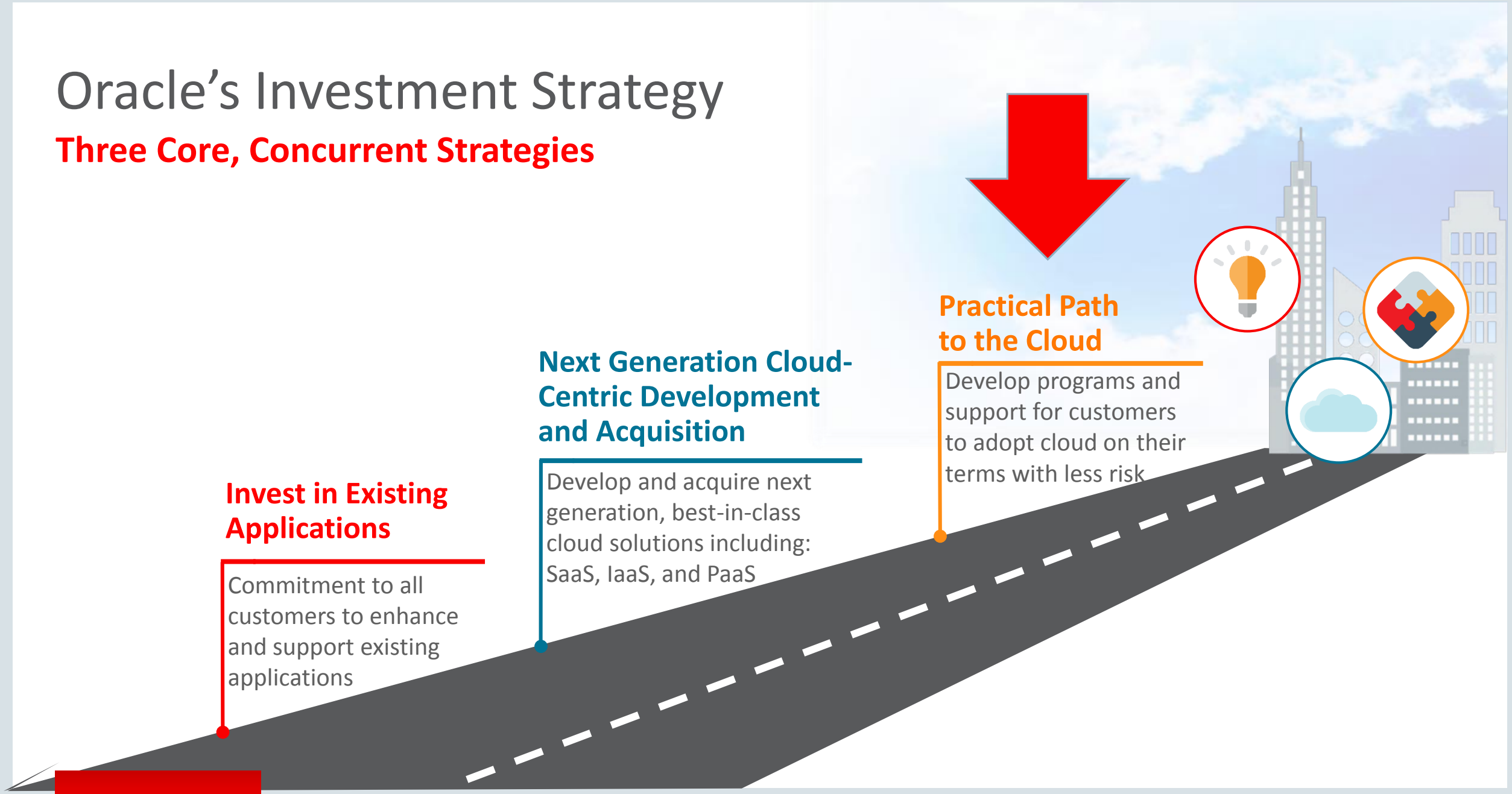
Oracle's Investment Strategy

Three Core, Concurrent Strategies



Invest in Existing Applications

Commitment to all customers to enhance and support existing applications

Next Generation Cloud-Centric Development and Acquisition

Develop and acquire next generation, best-in-class cloud solutions including: SaaS, IaaS, and PaaS

Practical Path to the Cloud

Develop programs and support for customers to adopt cloud on their terms with less risk

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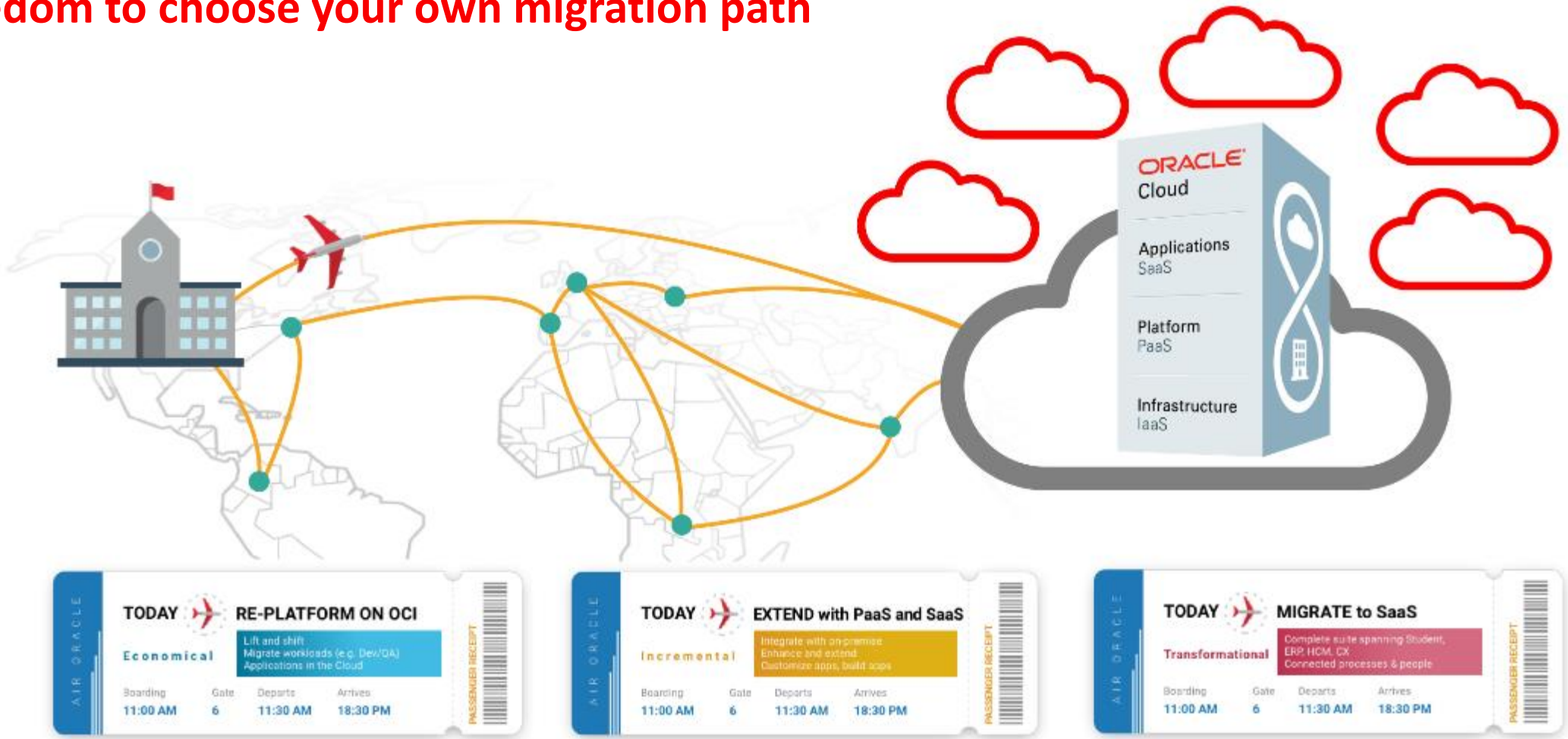
Practical Path to the Cloud

Freedom to choose your own migration path



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Practical paths to Oracle Cloud for HE customers

Any combination of these paths to align with institutional priorities

RE-PLATFORM on OCI

- Lift and shift
- Migrate workloads (e.g. Dev/QA)
- Applications in the Cloud

Economical

EXTEND with PaaS and SaaS

- Integrate with on-premise
- Enhance and extend
- Customize apps, build apps

Incremental

MIGRATE to SaaS

- Complete suite spanning Student, ERP, HCM, CX
- Connected processes
- Connected people

Transformational

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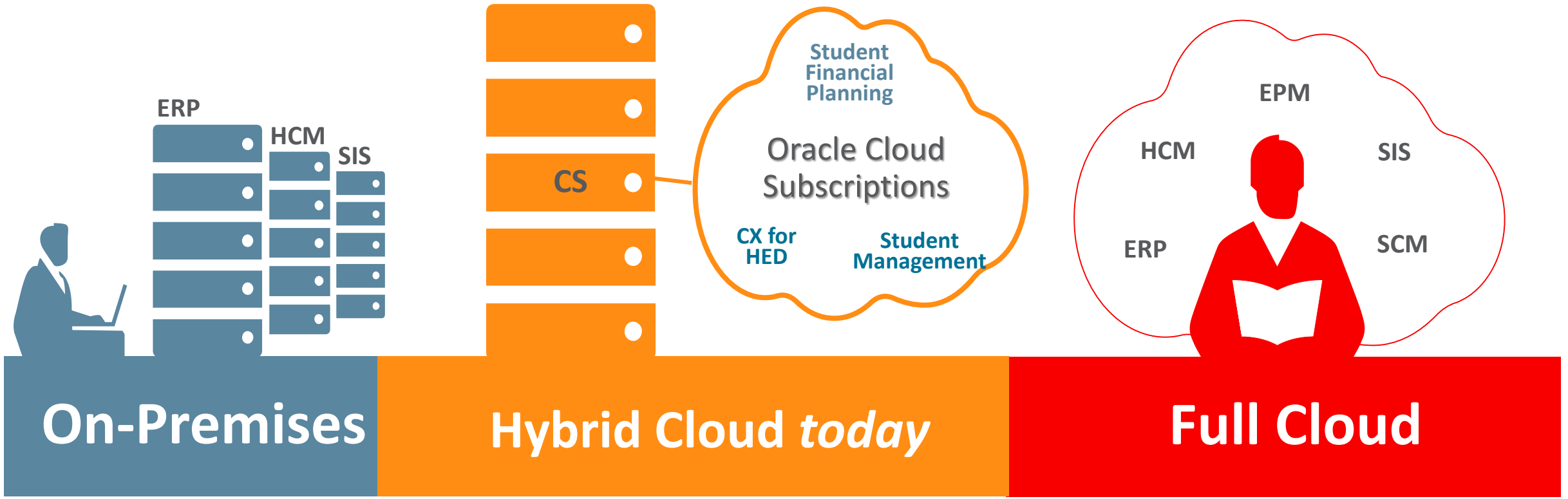
Consume New SaaS Solutions at Your Own Pace

Giving you CHOICE



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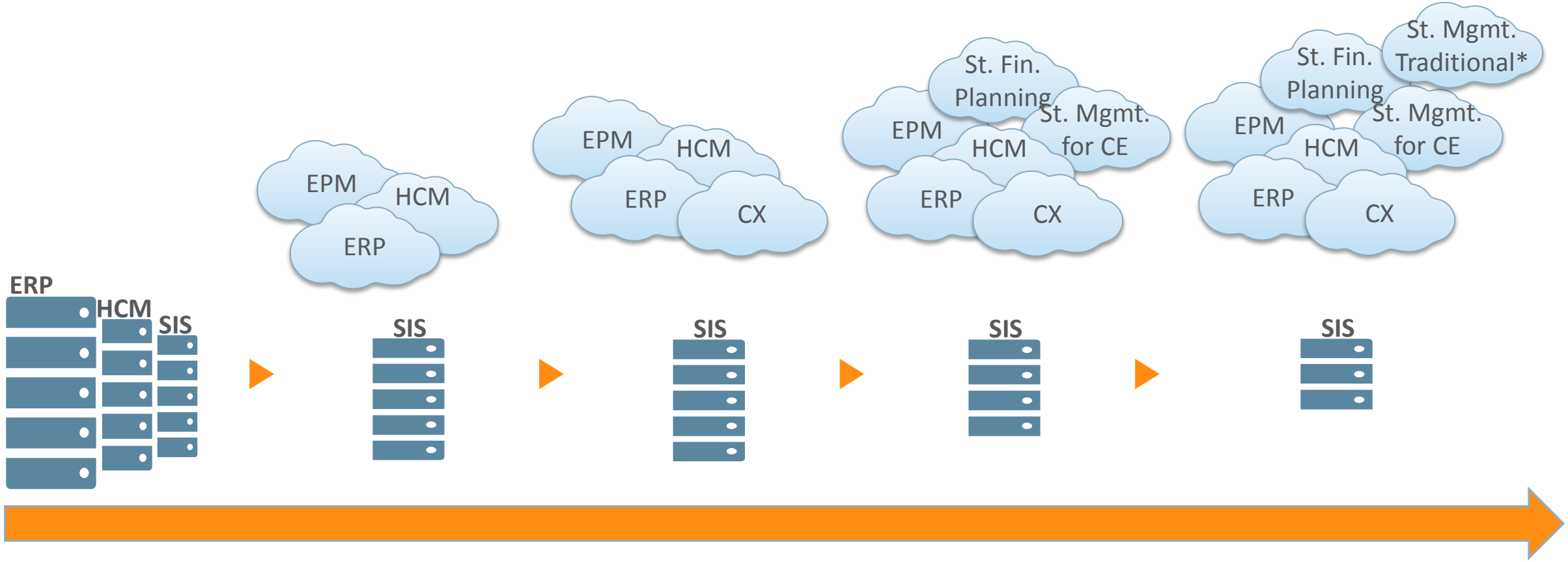
Example Cloud (SaaS) Adoption Approach

Strategy and outcomes FIRST, then technology



*Implement Student Management for Traditional programs incrementally, starting with small, discrete program as POC/pilot.

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Extend the Value of Campus Solutions with Cloud Solutions

Need to focus IT resources on value-add activities rather than simply "keeping the lights on"?

- *Move existing PSFT environment(s) to Oracle Cloud Infrastructure*

Need more consistent tools to extend and manage CS?

- *Leverage Oracle Platform-as-a-Service (PaaS) tools*

Need to improve your engagement and service you provide to your students?

- *Implement Oracle CX for Higher Education solutions*

Need to provide faster and more accurate financial aid packages to your students and ensure better compliance?

- *Implement Oracle Student Financial Planning*

Need a better and more integrated solution to manage your growing Continuing Education programs?

- *Implement Oracle Student Management*

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How to pick a strategic path to adoption?

- Where does your institution need to focus?
- How must processes evolve?
- What can be delivered with your existing ecosystem?
- What innovative technologies would advance these processes?
- When and how will you provision these technologies?

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