Oracle Solutions for Higher Education

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Global Vice President
Oracle, Education & Research
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Safe Harbor Statement

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The development, release, and timing of any features or functionality described for Oracle’s products remains at the sole discretion of Oracle.
INNOVATING FOR EDUCATION & RESEARCH EXCELLENCE
Transforming from traditional settings to....
Disruptive impact has brought new focus to T&L technology

SPOCs

Flip Classroom

xMOOCs

e-Learning

cMOOCs

Blended
The Age of the Empowered Student

This Power Shift Has Implications for the Student Experience

MORE CHOICES
Students Choose How, When, and Where They Want to Engage with You

HIGHER EXPECTATIONS
Students Expect Seamless Recognition at Every Touch Point

MORE INFLUENCE
Peers Influence Conversations More Than Traditional Methods
Evolving Landscape of Higher Education

*Many forces driving the imperative for transformation*

1. Business models
2. Student expectations
3. Funding models
4. Accountability
MORE COMPLEXITY MEANS LESS INNOVATION
“IT professionals have been at the core of transformations in many other economic sectors. Now is the time for them to step forward and become collaborative partners in the shaping of the future of higher education.”

David Ward
Interim Chancellor, University of Wisconsin-Madison
## Institutional IT as a Strategic Resource

### Major strategic goals

<table>
<thead>
<tr>
<th>Objective</th>
<th>Average Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPO</td>
<td>1.7</td>
</tr>
<tr>
<td>Shared services</td>
<td>2.3</td>
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<tr>
<td>Business transformation</td>
<td>2.5</td>
</tr>
<tr>
<td>Systems simplification</td>
<td>2.8</td>
</tr>
<tr>
<td>Standardized infrastructure</td>
<td>3.0</td>
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<tr>
<td>Improving security/privacy</td>
<td>3.0</td>
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</tbody>
</table>

**Average rating (1=not influential to 4=highly influential)**

### Key Points

1. **The institutional IT infrastructure** is an **investment to be protected**
   - An end to ‘forklift’ upgrades and ‘end of life’ solutions
   - Configuration over customization
   - Closer attention to long-term IT strategy

2. **More standard approaches** to **enterprise applications** will have a significant impact
   - Fewer resources required for maintenance
   - Improved business agility
   - Looser tethering to ancillary vendors

3. **Institutions will reduce the number of vendors** and ‘go deep’ for best practice & efficiencies
   - Great risks and great rewards
   - Expectations for a different type of relationship

OVUM, CIO Executive Insights Survey
7 Strategies for Transformation

1. Consolidate
2. Standardize Institutional Services
3. Standardize Front Office
4. Modernize Core Processes
5. Standardize Service Delivery Platform
6. Optimize Infrastructure
7. Outsource Application & Infrastructure Management
The Digital Teaching & Learning Platform

Responsive Institution
Flexible Individualised Integrated Learning Platform
Security
Integrated Student Data

BYOD & mobility

Outside In

Empowering Student Services
External Regs & Reporting
Personalised Experience
Student Success

Inside Out

World Ranking
Supporting the Rogue IT
Measurement & Continuous Improvement
Seamless Processes 360° view

Innovation & Agility
Identity Management
HEUG
The Higher Education User Group

23,000 Members

18 Product Advisory Groups
Collaboration with Higher Education
Education & Research Strategy Council
$5 BILLION*

of Oracle revenue goes
towards research and development

* Approximate dollar amount
Delivering More Innovation – Campus Solutions

Since 2009, More New Functionality than in the 8.9 and 9.0 Releases

- Major new features, that you can activate *when you choose*
- Significant enhancements to existing features
- Web Services operations supporting...
- Integrations

And as we continue to invest the next 9.2 Release will deliver even more
Oracle Higher Education Cloud
Automatic Data Optimization
Usage based data compression

0110101010010
1000100010101

Hot Data

Warm Data

Archive Data

3X
Advanced Row Compression

10X
Columnar Query Compression

15X
Columnar Archive Compression

Manage Many as One
One standby database covers all pluggable databases

Oracle Database Security Solutions
Defense-in-Depth for Maximum Security

PREVENTIVE
Encryption
Reduction and Masking
Privileged User Controls

DETECTIVE
Activity Monitoring
Database Firewall
Auditing and Reporting

ADMINISTRATIVE
Privilege Analysis
Sensitive Data Discovery
Configuration Management

New Multitenant Architecture
Memory and processes required at container level only

Oracle

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**Oracle Cloud: Complete Suite of Integrated Services**

http://cloud.oracle.com

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<td>Identity</td>
<td>Sync</td>
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Oracle is reducing the risk of uncertainty in higher education

“Recognizing the need to prepare for an uncertain future, Oracle is making significant investments to ensure its clients have long-term flexibility through future-proofed solutions and improved fit between industry needs and "out-of-the-box" functionality.”

Nicole Engelbert
Practice Leader, Industries Technologies
OVUM
Aligning IT to the institution’s ‘technical core’

ERP
More established adoption, largely back office

SIS
SIS provider led, often solves process issues - FTE count – mixed results

CRM
Some analytics ‘baked in’ but interactional data often left out of larger efforts to the detriment of retention

LMS
Technical core but only recently have viable solutions emerged – could transform higher education

Student success
A complete & real-time view

• Nicole Engelbert, Practice Leader, Industries Technologies, OVUM
Become a Institutional Catalyst for Innovation

✔ Secure executive mandate to implement transformation
✔ Simplify your operations as much as possible before embarking
✔ Develop optimized business processes and then deploy using modern systems that follow vendor best practices
✔ Implement a shared services model that follows these standardized processes globally
✔ Transform your constituent experience to deliver the personalized services
✔ Empower your constituent (student, faculty, staff,...) with self service applications
✔ Move fast and stay the course
Come and join to us in the Exhibition hall or a 1-to-1

• Oracle innovation advances education and research excellence.

• Our flexible, open solutions empower educators and researchers ...

• to transform organizations, communities and lives.

EUNIS 2014
Innovating for Education and Research Excellence
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THE FUTURE OF OUR INDUSTRY IS BRIGHT