Dear customers and partners,

At SAP, we are fortunate to have great customers in education all over the world using our technology to run their enterprise, engage with their students, and drive high-velocity research.

Institutions of higher education and research are a diverse community, ranging from community colleges to medical schools, spanning the globe from Berlin to Boston to Bangkok. As diverse as they are, these schools, colleges, and universities are going through very similar growing pains as they emerge into the age of a fully digital world.

Experts identify technologies such as analytics, mobility, and virtual engagement as key to digitalization. A maturing digital enterprise is described as one using these technologies to transform interactions, processes, workforce management, and business models.

In this sense, digitalization will affect every activity, interaction, transaction, and outcome at higher education institutions. Like any enterprise, they have a complex workforce, demanding stakeholders, asset-intense campuses, and suppliers they rely on for products and services. These four domains, regardless of what type of company or industry an organization is in, all require significant resources to manage.

In your role as an executive at an institution of learning, I see the deepest impact digitalization can make on your institution is assisting you to address the increasingly urgent need to adapt and evolve for rapidly changing business and user requirements. I believe there are four strategic priorities where digitization can help you reimagine the way you do business:

• **Student engagement and learning models.** Designing software and embracing intelligence for curriculum content to reimagine learning.

• **Management models.** Redefining operations with centralized data-driven insight and oversight for balanced decision making.

• **Institution operations.** Integrating and realigning the digital core to fundamentally restructure support.

• **Work and working at institutions.** Initiating new flexible staffing models, with real-time insight and virtual support structures.

An institution is not an ivory tower, it is a platform for leadership, student and faculty engagement, and high-velocity research. And today, this platform must be digital. Digitalization is changing the very boundaries of the user experience, blurring the lines between where the user ends and the technology starts. Data driven insights are not a nice-to-have addition or optional support; they are the fundamental core of future operational environments.

Digitalization can revolutionize teaching and research, and the institutions that embrace it can own the future of education.

SAP looks forward to partnering with the higher education and research industry to help navigate the digitalization experience and drive prosperity for institutions that are leading the way in the future of the digital world.

Malcolm Woodfield, Ph.D.
SAP Global Vice President for Higher Education and Research
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THE DIGITAL ECONOMY
Big picture: Digital transformation is the catalyst for change

Technology is the key enabler

Navigation of the new learner environment
What does this mean for an educator? It means you have to virtually automate empathy by implementing technologies which provide deep insight into student behavior at an individual level. To do so, successful institutions must leverage advanced learning and engagement models. At a macro level, this includes borderless coursework or real-time engagement through the Internet of Things (IoT), which can help institutions gain and act on insights through new channels and opportunities. At a micro level, this means personal engagement with students through a new type of experience that is intuitive and frictionless, and where technology is mobile and invisible. It’s an experience students can personalize, make their own, and even make wearable.

Harnessing the power of data
The recent increase in failing institutions of higher education is not an anomaly. The traditional on-campus four-year university business model has been challenged to the point of extinction. Predictive insight into every aspect of an institution’s operations and daily life – from the business data and systems that run them to the people who use them – is essential to improved management and planning of the entire educational enterprise. The microscopic student insight and its connection to future student success is as important as are insights into the business side of an institution.

Business and workforce transformation
The new insights into an institution’s business are not without consequence. They are disruptive, especially with tenured workforces. Schools, colleges, and universities that want to compete and thrive in the future can use insights and map them onto their strategic plans. They can leverage new staffing and workforce support models with advanced analytics and artificial intelligence to implement digital solutions that fundamentally change how they manage their students, employees, finances, and campuses.

Transformation will not result from doing things incrementally better, but by doing things fundamentally differently.

WHAT DOES THIS TELL US?

The educational experience is the new definition of relevance, powered by digitally enabled processes and people.

Every institution is now a technology institution.
THE DIGITAL ECONOMY

The Future: To manage increasing education and research needs in a digital environment, institutions are fundamentally reimagining and transforming all aspects of engagement.

Strategic Priorities for Higher Education and Research Institutions

Institutions are complex organizations that require agility and balance across numerous competing and integrated functional areas so they can successfully operate much like a small city. This agility translates to investments and focus around four strategic priorities:

1. **Student engagement and learning models**
   Tailoring curriculum and interactive models is critical to understanding changing student needs, adapting knowledge models with faster learning cycles, advancing interactive open communication models, and leveraging digital platforms to enable mass access to knowledge.

2. **Management models**
   Putting the executive at the center of every decision is a key prerequisite for success in the digital age. Institutional administrators demand simple, seamless, and intelligent solutions that are integrated across any channel, anytime, anywhere to enable the most significant and balanced decision making.

3. **Institution operations**
   Fully connecting the end-to-end digital network of institutions offers new opportunities for consolidating department-by-department support, removing traditional tenured operating islands, and leveraging shared business models across schools and colleges.

4. **Work and working at institutions**
   Moving staffing models at institutions toward increasingly hiring adjunct faculty can be an economically wise move, as is expanding temporary staffing models and shared support staff and automating support processes wherever possible.

Successfully embracing the opportunities from new technologies and consequently addressing these four strategic priorities can be the foundation of successful digitalization and staying ahead of the innovation curve.

REIMAGINING

How do institutions achieve these strategic priorities? The starting point of the digital journey is the ability to reimagine everything. That means reimagining your business models, your business processes, and your work. The potential for institutions is considerable. However, this sort of transformation requires a reimagining that includes a unity of purpose, improved models across traditional boundaries and silos, the simplification of the provision of education, and a digital mindset focused on measurable outcomes.
In a connected world where every institution is becoming a technology organization, smarter products and services can refocus operations on performance outcomes, blur industry lines, and integrate physical and virtual value networks.
REIMAGINE EVERYTHING

REIMAGINE STUDENT ENGAGEMENT AND LEARNING MODELS

Create new academic offerings, learning models, and environments to enter new education and research markets, rebuilding the institution brand in the digital world.

Outcome-based teaching and research
The availability of real-time student data opens up a world of possibilities when it comes to student engagement. Key data, for example, from student information, learning management, and student recruitment systems provide a wealth of rich information. With this data, teachers, professors, and advisors can access real-time information on engagement to ensure the students stay on track.

The explosive growth of learners and their production of structured and unstructured learning data can be analyzed via advanced in-memory platforms and artificial intelligence while cognitive can enable decision support for educators.

Teaching and research network orchestration
Institutions can become platforms to connect students to the right learning offerings and job opportunities, evolving from a place to a network. They can also reach new global distance learners through network orchestration.

Research data analysis
Project lifecycles, like those in clinical trials, can shorten dramatically, changing the research funding and income model. Networks can amortize research costs among institutions without degrading outcomes. Institutions can increase equity investments in Big Data-driven start-ups in research, and those with a major research focus can increasingly become centers of for-profit entrepreneurship and innovation.

Institution fundraising
Institutions can leverage increased student retention and loyalty, taking advantage of crowdsourcing and social media channels to build brands in an increasingly competitive market of providers and learners. This business model can grow beyond its current focus in North America as a way of building a revenue stream and a loyal client base.

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Learners spend more than 3.5 hours per day using their mobile phones on campus.¹

1.9 million organizations are connected to the Ariba Network.²

40 million students and recent graduates are on LinkedIn.³

250 million+ learners will be enrolled in higher education by 2025.⁴
REIMAGINE EVERYTHING

Build oversight and management models directly onto intelligent digital platforms that provide an integrated, 360-degree view of the entire educational community and support structure.

Digital executive boardroom
Institutions can integrate all aspects of their operations into a single source of truth to balance decision-making, effectively weighing needs against available resources for the best outcomes. They can combine balance sheets, operating statements, staffing models, enterprise controls, and environmental management into an integrated and personalized dashboard.

To speed analysis and decision execution, institutions can tailor working models for individual user preferences and working environments. They can also enable the separation of functional boardroom environments, when and where delegation and cross-management support warrants.

Integrated platform
Institutions can remove traditional departmental teaching and operating walls where faculty and staff operate in isolated autocratic environments. They can implement a truly cross-departmental and cross-functional integrated platform with comprehensive visibility and transparency to centrally manage operating expense, procurement, and supply management.

They can also embed advanced analytics for real-time asset monitoring to enable resource balancing and departmental sharing, extend value, and avoid downtime.

Alumni relations
For better support of alumni constituencies, institutions can utilize real-time communication channels to strengthen outreach, balance alumni interactions, and enhance proactive support. They can more closely manage fundraising campaign management to build upon success, and focus resources on the best return on investment.

$6 billion savings in U.S. higher education institutions by reducing organizational complexity.\(^5\)

$12 million savings at University of North Carolina, Chapel Hill, by reducing organizational complexity. Estimated by Bain & Co.\(^7\)
Create innovative business models that serve the digital learner, with new and different ways of managing and working.

**Optimized engagement**
Institutions can use predictive analytics and real-time data from student information, learning management, and recruiting systems, as well as the students themselves, to help student advisors drive student success.

Online shopping approaches to education, such as social interaction, gamification, online payment, can be applied, along with online and classroom learning, to modernize student engagement.

**Data-driven institutions**
Real-time data can inform everything from designing flexible teaching loads to fundraising. Analytics can focus not on reporting but on prediction and optimization.

**Optimized financial streams**
Addressing a new generation of global learners is both a challenge and an opportunity. Addressing both aspects gives institutions the chance to build new revenue streams, expand course offerings, and focus on their core mission of delivering high-quality education and research. However, to ensure constant growth and innovation, institutions must recognize that a digitalization strategy is also required on the enterprise side of the institution too, especially on the finance side.

Redesigning financial processes can support instant financial insight across devices to help an institution drive value and leverage instant planning, analysis, prediction, and simulation across financial and operational processes. At the same time, these new processes can significantly simplify the IT landscape and architecture.

**IoT-enabled campus**
Sensors and hyperconnectivity can simplify the management of buildings, including student housing, creating a safer and more attractive living environment for residential campuses.

**TODAY’S REALITY**
- Peter Nikoletatos, CIO LaTrobe University “We spent too many years dragging our data into a warehouse and then producing reports.”
- Students waiting more then 40 hours on calculation of exam results.

**TOMORROW’S SOLUTION**
- Process 8,000 grades per second
- 420x faster student data reporting
- Up to 80% of data updated in real time
- Return on investment (ROI) on SAP HANA® for University of Kentucky of 509%.

**MAKING IT INTELLIGENT**
The University of Kentucky uses SAP HANA to create actionable, real-time information, while at the same time “information is put into action,” which means applying analytics to foster student success.
Recognize the importance of the workforce of the future by addressing the key role of staff, changing demographics, and evolving definitions of work at an institution.

The millennial workforce
Millennial workers and students have common expectations, and they especially look for:

- Real-time feedback on performance
- Personalized performance expectations
- Achievable career paths

The workforce of the future can use interactive technologies that improve user experiences, including voice recognition, visualization, and gaming. These technologies have the potential to break down boundaries and campus silos and redefine social collaboration among staff. With the back office of an institution becoming more digitized, collaborative work can naturally take advantage of digital and interactive technologies.

Teaching and research network orchestration
Institutions can become platforms to connect students to the right learning offerings and job opportunities, evolving from a place to a network. They can also reach new global distance learners.

Refocusing work
With rapidly evolving technologies, the digitization of the workplace and academic processes can refocus and even eliminate some work. However, staffs at institutions can continue to be a valuable asset if they are managed and engaged to ensure talent is retained.

Institutions attract and require a specific workforce that is passionate about education and committed to their mission. Digital tools can help them identify, recruit, retain, educate, and promote the most engaged staff, teachers, and researchers. They can refocus on employing the best contractors for temporary work and teaching on primary, satellite, domestic, and international campuses.

A new generation of professional leaders
CIOs from manufacturing, financial services, the military, and the public sector to institutions, can bring rich experience to institutions that is not overshadowed by preconceptions regarding how institutions work. Line-of-business owners from finance, HR, and registrar disciplines can bring expertise from their roles and professional organizations, such as the National Association of College and University Business Officers. Other leaders can bring insights learned from the College and University Professional Association for Human Resources and the American Association of Collegiate Registrars and Admissions Officers. Teaching faculty can not be shielded from outcome-driven assessment as workers are treated as talent to be developed rather than capital to be managed.

Changing work models mean lifelong learning
As permanent, full-time jobs are replaced by more flexible models of employment, workers can be encouraged to constantly update and expand their skills.

Cambridge Assessments manages the workforce of 30,000, many temporary, to perform examinations for 8M students in 170 countries. Workforce technology skills development will continue to lag. The need for technology skills will grow over the next three years, especially in analytics and programming/development. 48% of employees surveyed say analytics skills will be needed by employees in three years, and 59% say programming/development skills will be needed.
DIGITAL INSTITUTION FRAMEWORK

A SIMPLE AND PROVEN APPROACH TO VALUE CREATION THROUGH DIGITALIZATION

Every organization – in almost every industry – requires a simple digital approach to build a pragmatic and executable vision of its digital strategy.
Every institution needs to think about the five pillars of a digital strategy

We have looked at the strategic priorities that higher education and research institutions are pursuing and how they have to reimagine their operating models, services, processes, and work to advance education and learning.

Let’s now look at how SAP can help enable them do this by providing the following architecture.

As institutions are reimagining their entire portfolio of services, they need an IT architecture that provides both stability and long-term reliability for their core enterprise processes. At the same time, they want an architecture that allows for flexibility in areas where change is happening on a constant basis.

This concept, which is often referred to as bimodal IT, is brought to life through the SAP Digital Transformation Framework methodology that SAP provides, pictured below.

- **The digital core** is the foundation for mission-critical enterprise processes which need to run consistently and uninterrupted. It provides real-time transactions and analytics, the ability to work with Big Data, and connectivity to the outside pillars of the framework.

- **The digital assets** are the knowledge and talent held by an institution’s staff and faculty that are imparted and shared across the student body and society at large. With access and connectivity to the digital core, there is the flexibility needed to service an institution’s diverse ecosystem on a constant basis.

- Faculty, staff, and students require this flexibility as they interact with an institution through its multiple channels.

- Flexibility and adaptability is also key when working with **suppliers and partners**, so they can get onboard quickly and so institutions can shift supply to alternates when needed.

- These capabilities are also required when building and maintaining an agile **workforce**.

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**SAP DIGITAL TRANSFORMATION FRAMEWORK**

**Every institution needs to think about the five pillars of a digital strategy**

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**SAP HANA**

**SAP Cloud Platform**
To execute on their digital strategy, higher education and research institutions will not only need to reengineer their operations and processes – they will also have to evaluate if they have the right technology platform that can deliver on the vision. The winning platform will require an IT architecture that provides both stability and long-term reliability for core enterprise processes, while allowing for flexibility in areas of frequent change. With a digital core as the foundation, critical enterprise processes can become consistent and flexible. This kind of platform provides uninterrupted, real-time transactions and analytics, the ability to work with Big Data, and connectivity to line-of-business extensions that enable supporting processes such as talent sourcing and networks.

SAP S/4HANA® was specifically developed to represent the digital core in this bimodal IT architecture. It provides institutions of higher education and research with a proven framework to adopt industry best practices while attaining operational excellence – specifically but not exclusively across core industry capabilities such as real-time supply chain and digitalized procurement.
Higher education and research institutions are transforming to meet the vision and mission of better education for all.

1. They need to put in place a coherent vision with a clearly articulated road map for their digital transformation.

2. They must develop an IT architecture integrated for long-term core process stability while providing flexibility to adapt for change.

<table>
<thead>
<tr>
<th>Students, Teaching and Learning</th>
<th>Academic and Commercial Research</th>
<th>Education and Research Funding</th>
<th>Human Resources</th>
<th>Budget and Finance</th>
<th>Procurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Compete for the best new students using omni-channel communication</td>
<td>- Provide opportunities for students to participate in research and innovation</td>
<td>- Collect student fees: offer competitive financial aid package</td>
<td>- Knowledge sharing and community building</td>
<td>- Modernize student accounting to keep pace with changes in fees and financial aid.</td>
<td>- Consolidated and coordinated departmental spending</td>
</tr>
<tr>
<td>- Manage student information based on 360-degree student profiles</td>
<td>- Analyze success of grant proposal submission and execution</td>
<td>- Maximize income from student fees and research grants</td>
<td>- Employees digitally empowered to make decisions in real time and mobile</td>
<td>- Use simulation and analysis to evaluate financial implications of strategic business choices</td>
<td>- Strategic and agile supplier network</td>
</tr>
<tr>
<td>- Optimize the operational environment with intelligent insights</td>
<td>- Integrate end-to-end research management from proposal to commercialization.</td>
<td>- Uncover new revenue sources</td>
<td>- Integrate ongoing advanced learning modules into standing HR structures</td>
<td>- Financial controlling of performance based service contracts</td>
<td>- Real-time warehousing and supply oversight</td>
</tr>
<tr>
<td>- Recruit, retain, and measure the performance of teachers</td>
<td>- Integrate student account management into overall treasury support</td>
<td>- Improve environmental footprint</td>
<td>- Manage external contractors in a flexible way</td>
<td>- Improve performance and reduce waste and abuse with performance management</td>
<td>- Flexible on-boarding of alternative suppliers</td>
</tr>
</tbody>
</table>

Typical business benefits:
- On-time delivery: +10–20%
- Inventory levels: -20–50%
- Customer satisfaction: +10–50%
- Improve order cycle time: +10–50%
- Customer response time: -10–20%
- Time and attendance function cost down: - 50% – 80% HR FTEs: -60% – 80%
- 50% – 80% reduction in audit cost
- 40% – 60% reduction in days to pay
- 70% – 80% reduction in business and staff support

Internet of Things | SAP Cloud Platform | Analytics Services | UX Services | Mobile Services | Security Services | Budget and Finance | Collaboration Services
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</thead>
<tbody>
<tr>
<td>Digital Innovation</td>
<td>SAP Leonardo</td>
<td>SAP S/4HANA</td>
<td>UX Services</td>
<td>Mobile Services</td>
<td>Security Services</td>
<td>Budget and Finance</td>
<td>Procurement</td>
</tr>
<tr>
<td>- Digital marketing</td>
<td>- Project management</td>
<td>- Grants management</td>
<td>- Resume matching</td>
<td>- Procurement</td>
<td>- Invoice matching</td>
<td>- Supplier collaboration</td>
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<tr>
<td>- Constituent management</td>
<td>- Fundraising campaign management</td>
<td>SAP Hybrid</td>
<td>- Job matching</td>
<td>- External workforce</td>
<td>- Invoicing</td>
<td>- External workforce</td>
<td></td>
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<tr>
<td>- Case management</td>
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<td>- Career matching</td>
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<td>- Sales management</td>
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<tr>
<td>- Student lifecycle management</td>
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<td>- Change management</td>
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<td>- Project management</td>
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<td>- Organizational change</td>
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<td>- Procurement</td>
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<tr>
<td>Extensions</td>
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<td>- Contract management</td>
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<td>- Treasury management</td>
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<tr>
<td>- Jam collaboration platform</td>
<td>- Visual enterprise</td>
<td>- Integrated business planning</td>
<td>- Core human resources and payroll</td>
<td>- Procurement</td>
<td>- Treasury management</td>
<td>- Strategic sourcing</td>
<td></td>
</tr>
<tr>
<td>- Commercial project management</td>
<td>- SAP IBP</td>
<td>- Grants management</td>
<td>- Talent management</td>
<td>- Contract management</td>
<td>- Bid management</td>
<td>- Supply management</td>
<td></td>
</tr>
<tr>
<td>- Constituent engagement</td>
<td>- SAP Cloud Platform</td>
<td>- Grants management</td>
<td>- Workforce planning</td>
<td>- Business planning and consolidation</td>
<td>- Bid management</td>
<td>- Strategic sourcing</td>
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</tr>
</tbody>
</table>

*Benefits are based on early adopters of SAP S/4HANA or conservative outside-in benefits of moving from a traditional enterprise resource planning solution to enhanced SAP S/4HANA and line-of-business or cloud capabilities.
Reimagine student engagement

While the five digital pillars deliver significant value as stand-alone capabilities, the ultimate goal is to design the next generation of processes that will span across each pillar, as the user experience spans across each one. Campus objects, learning technologies, and classrooms have to meet and exceed user expectations.

USE SENSOR AND METER DATA TO PROACTIVELY SUPPORT STUDENTS IN REAL TIME FOR BETTER LEARNING AND RETENTION FROM ADMISSION THROUGH GRADUATION

Continual and Circular Student Engagement

Leaders in higher education and research institutions are integrating technologies to improve student success and retention while driving adaptive learning. The above process flow portrays an IoT and in-memory data platform scenario that supports students in real time during learning.

• Students carry devices on campus and use them in classrooms, sending signals to the campus network.
• The signals are combined with student profiles, such as learning management system data, and predicts learning needs.
• The system can push learning information predictively to student devices and maintain measurement.
• Students can ask questions in a learning management system forum. The system proactively provides suggestions in real time via push messages on the learning management system screen, or schedules a tutor to call students directly.

In the new digital era, delivering this value to students – the customers of institutions – can drive their success.

| 1. Collect student and learning data |
| 2. Determine student learning profiles |
| 3. Predict learning needs and student success |
| 4. Determine root cause of failure |
| 5. Evaluate proactive measures |
| 6. Provide proactive support for students in real time |
| 7. Decide on best measure |
| 8. Guide students |
| 9. Retain students |

The scenario above also shows how sensors and Big Data can be leveraged by institutions to drive next-generation best practices in hyperconnectivity. The predictive nature of these new solutions can change how students learn and how learners are guided, while student success can be managed with a data-driven approach. The benefits of this scenario are significant:

• Greater student success
• Higher student retention
• Faster learning
• Higher staff productivity
• Expanding academic advisory services
• Greater consolidation of support
• Increased cost efficiencies
FROM YOUR CURRENT STATE TO DIGITAL

THE JOURNEY TO BECOMING A DIGITAL INSTITUTION BEGINS WITH PLANNING A DIGITAL TRANSFORMATION ROAD MAP
TRANFORMING FROM YOUR CURRENT STATE TO DIGITAL
The keys to success

In the digital economy, simplification and innovation matter more than ever. To do this effectively, it’s important for an institution to cover the end-to-end digital transformation journey. This includes planning a digital innovation road map and implementation plan with proven best practices; evaluating all deployment options; and ultimately optimizing for continuous innovation with a focus on outcomes.

The end-to-end digital transformation journey

To move forward with speed and agility, it helps to focus on live digital data, instead of Big Data, and combine solution know-how and industry-specific process expertise with data analytics so that the right digital reference architecture is defined and delivered. In that context, a model company approach can enable institutions to transition from their current state to digital. Model companies represent the ideal form of standardization for a specific line of business or industry. They are built on existing SAP® solutions using best-practice content, rapid prototyping solution packages, and additional content from customer projects. They provide a comprehensive baseline for rapid, customer-specific prototypes, cloud demos, and quick-start implementations.

Model Company Approach
SAP has a broad range of services to cover the end-to-end digital transformation journey in institutions of higher education and research. These range from advising on a digital innovation road map and implementation plan with proven best practices to the ability to run all deployment options, and ultimately optimize for continuous innovation. SAP provides both choice and value within our service offerings, allowing institutions to tailor the proper approach based on their specific expectations and industry requirements.

From proposing a comprehensive digitization proposal to realizing and running it, SAP delivers on the digital transformation promise to its customers, on time, on budget, and on value.

The value delivery of the SAP Digital Business Service organization relies on unique differentiating assets:

- Expert organization
- Global reach
- Partner ecosystem
- Industry expertise
- Focus on business outcome
- Co-innovation

SAP Digital Business Services delivers digital innovation with simplification and accelerated implementation, which is key to adoption and value realization. Continuous improvement is supported through ongoing assessment of real-life data insights and joint governance with customers.

The value delivery of SAP focuses on the following deliverables:

**Digital Business Foundation**
- Digital business model
- Flexible, scalable enterprise architecture
- Platform for the digital future
- People and culture transformation

**Business Insights**
- Digital executive boardroom
- Predictive customer insights
- Value realization dashboard
- Agile decision making and execution support

**Continuous Improvement**
- Joint value governance
- Sustainable engagement model
- Innovation without disruption
- Simplification
SAP has a comprehensive ecosystem for higher education and research which offers:

- Integration into a wide range of organization services (such as suppliers, treasury, key vendors, and travel)
- Open architecture, with the choice of hardware and software
- Complementary and innovative third-party solutions
- Extensive reach, with partners to serve the operations of any size institution, anywhere in the world
- A forum for influence and knowledge
- A large pool of industry experts with broad and deep skill sets

The SAP ecosystem and partners include, among others:

- Accenture
- EY
- Deloitte
- ConVista
- CALYPSO
- PwC
- Wipro
- .msg
- ITX
- BearingPoint
- Cognizant
- Axiom

**BUSINESS NETWORK**

- 2.1 million suppliers
- 200 major travel partners (air, hotel, and car)
- 50,000 service and contingent labor providers

**INFLUENCE FORUMS AND EDUCATION**

- 32 user groups across all regions
- 40+ industry councils
- SAP community with >24 million unique visitors per year
- 2,650 members of SAP University Alliances

**INNOVATION**

- 1,900+ OEM solution partners to extend SAP solutions
- 3,200 startups developing SAP HANA applications

**IMPLEMENTATION SERVICES**

- 3,200 services partners overall
- Delivering industry specific solutions and services

**PLATFORM AND INFRASTRUCTURE**

- 1,400 cloud partners overall
- 30+ platform partners

**CHANNEL AND SME**

- 4,800 overall channel partners
WHY SAP?

DIGITALIZATION IS A NATURAL NEXT STEP FOR THE #1 PERFORMANCE DRIVEN INSTITUTION

It took years of innovation, strategic investment, and the forging of new, strategic relationships to build an end-to-end digital business platform.
SAP IS COMMITTED TO INNOVATION

Vision
Help the world run better and improve people’s lives

Mission
Help faculty and students run at their best

Strategy
Become the cloud institution powered by the SAP HANA platform

GLOBAL PRESENCE AND RELEVANCE
- 82K employees representing 130 nationalities
- 335K customers
- In 190 countries

INDUSTRY AND LOB FOCUS
- Solutions for 25 industries and 12 LoBs
- 98% of most valued brands are SAP customers
- 76% of the world's transactions managed on SAP software

DIGITAL ECONOMY-READY
- 120 million business cloud users
- 1.9 million connected businesses
->$800 billion+ in B2B commerce
- 99%+ of mobile devices connected with SAP messaging

INNOVATION LEADER
- 2011 SAP HANA launched
- 2012 cloud solutions launched
- 2014 SAP business networks are the largest marketplace in the world
- 2015 SAP HANA Cloud Platform
- 2016 SAP S/4HANA introduced as the next-generation business suite

HIGHER EDUCATION INSTITUTIONS ENABLED BY SAP
- 30+ years higher education industry expertise
- The top 20 universities with the largest endowments run SAP solutions
- The top 10 best online universities are SAP customers

One-day financial close
With the SAP HANA platform, Unilever has accelerated financial close processes, reducing month-end close cycles to just one day using half the staff.18

End-to-end channel visibility
With the SAP Fashion Management application and the SAP HANA platform, the adidas Group has complete visibility from the factory to e-commerce channels with point-of-sale data analysis that provides a better understanding of consumers, helping replenishment with the best-selling products.29

Global market share analysis
With the SAP Demand Signal Management application powered by SAP HANA, Beiersdorf can analyze various product attributes and collect intelligence to gain extensive insight into local and global market share development, brand health, and overall market competition.20

Source of all data: SAP internal data and analysis
RESOURCES

Listed below is research that was used as supporting material for this white paper.

1. LinkedIn membership data: https://press.linkedin.com/about.linkedin
3. Source: SAP customer data
4. LinkedIn membership data : https://press.linkedin.com/about.linkedin
9. SAP Benchmarking
12. “Cambridge Assessment KEEP THE SCORES HIGH,” https://www.youtube.com/watch?v=Eqy5zlnF0uA

Note: All sources sited as “SAP” or “SAP benchmarking” are based on our research with customers through our benchmarking program and/or other direct interactions with customers

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