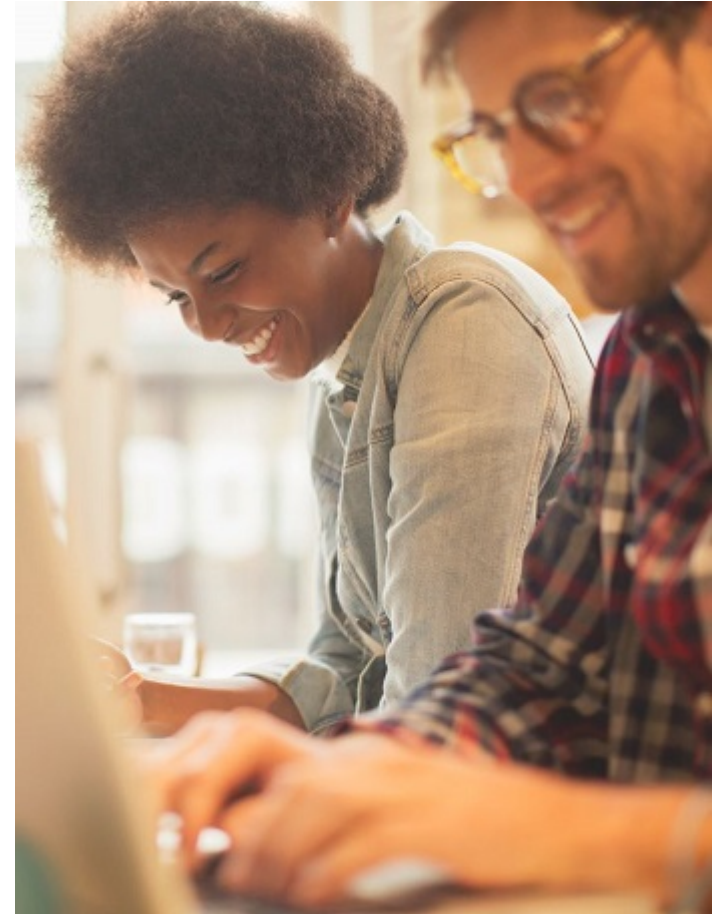




## University of Cincinnati: Creating Immediate Benefits with Data and Reporting Using SAP HANA®

More than 44,000 students from around the world come to the University of Cincinnati to create transformative ideas through this public research powerhouse. With such a scale of research being conducted, data was growing; but data loads, backups, and reporting were taking too long to complete. The university knew it had to stay on top of its game by investing in its IT environment and ensuring that data processing and reporting could be performed efficiently and effectively.

The University of Cincinnati worked with LSI Consulting to implement a digital platform that prioritizes simplicity and innovation. It deployed the SAP HANA® platform as its data warehouse and the SAP® BusinessObjects™ Business Intelligence suite to ensure it could keep on top of demands. As a result, it has compressed data by 80%, enhanced data management and back-end processes, and improved reporting and analytics for both the university faculty and staff.



# Compressing data by 80% and simplifying processes

## Organization

University of Cincinnati

## Location

Cincinnati, Ohio

## Industry

Higher education  
and research

## Products and Services

Higher education

## Employees

>15,000

## Budget

US\$1.25 billion

## Web Site

[www.uc.edu](http://www.uc.edu)

## Partner

LSI Consulting  
[www.lsiconsulting.com](http://www.lsiconsulting.com)

## Objectives

- Improve analytics, reporting, and data usage by creating a single, consolidated data platform
- Enhance data management capabilities to simplify back-end processes
- Create a solid foundation for analytics reporting so that any additional needs can easily be met using the SAP® BusinessObjects™ Business Intelligence suite

## Why SAP

- Longtime user of SAP solutions
- Preferred choice based on the solid reputation of the SAP HANA® platform
- Ability to merge data easily using SAP BusinessObjects Lumira software
- Proven expertise in combining databases, processing data, and executing in-memory platform capabilities

## Resolution

- Simplified IT with efficient use of hardware resources to achieve better performance and scalability, while reducing total cost of ownership
- Worked with LSI to deploy SAP HANA quickly to compress data
- Improved reporting and analytics runtimes for both faculty and staff
- Provided the university with the ability to do full nightly backups or quick incremental backups, if needed

## Future plans

- Implement SAP HANA to consolidate data from existing platforms for a cross-functional reporting solution
- Leverage smart data integration to make data easily accessible to all departments with multiple reporting tools

“Though we expected to get results quickly, we found moving to SAP HANA to be even better than advertised. It was quick, needed less administration, and provided results right away. It simplified our IT environment, enabling us to be agile and proactive with our faculty and students.”

Rick Grant, Director of Infrastructure Services and Business Core Systems, University of Cincinnati

## 80%

Decrease in data size with data compression

## 1 hour

To load 40 million records (compared to 3 days previously)

## 90 seconds

To load 19 million records (compared to 3 hours previously)

## 20 minutes

To complete a full data backup (compared to several hours previously)

## 100%

Of data kept intact when migrated to SAP HANA

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