

# Consolidating multiple SAP environments improves manufacturer's performance

## Client

Leading Telecommunications Manufacturer

## Industry

Manufacturing

## Location(s)

California, USA

## Technologies

- HANA Enterprise Cloud
- BW/4HANA
- SAP Business Objects

## Recent acquisitions left a telecommunications equipment manufacturer with disparate legacy systems in need of consolidation and migration to the cloud

A global equipment producer recently acquired two large businesses. Since the mergers, each business unit's operations remained siloed, operating on their own on-premises SAP environment. The result was limited visibility to enterprise-wide operations, challenges in getting consolidated data and escalating costs of maintaining multiple SAP landscapes.

The company's leadership decided it was time to not only consolidate all systems into a single SAP environment but also move everything to the cloud. It would be a complex endeavor; luckily, Pythian was up to the challenge.

In less than six months, the business transformed to one cloud-based SAP environment using SAP HANA's in-memory database on cloud, with all applications upgraded to the latest cloud versions. The transition was seamless, and Pythian needed only 36 hours of downtime on a weekend to complete production and go live.

**Manufacturer improves efficiencies, realizes 50 percent reduction in time savings.**

Thanks to Pythian's expertise and access to the latest SAP methodology and tools, the manufacturer has become one of the most progressive SAP users in North America, adopting the HANA database and cloud solutions in a single wave.

The project resulted in:

- Improved transaction and reporting performance
- Reduced IT and administrative costs by supporting one, not three, SAP environments
- Access to SAP's latest security and content extraction technology

### Challenges

The manufacturer had three separate SAP environments which challenged the company to:

- **Scale operations.** The environments required its own IT resources and made it difficult to perform as a single enterprise.
- **Improve performance.** The inflexible on-premise solutions delayed decision-making.
- **Stay current with technology.** Dated technology affected internal systems and business agility.

### Manufacturer consolidates onto a single SAP environment to deliver new efficiencies in finance, manufacturing and more

The company's growth plan centered on acquiring businesses. While each acquisition used SAP, it had different instances and environments. If the company was to operate as a single enterprise and maximize its investment, consolidation onto a single SAP platform was necessary.

Furthermore, poor performance from its reporting solution hindered the company's ability to react quickly to changes in market demand. The business didn't have the timely visibility needed to make data-driven decisions within its finance, manufacturing and operations teams.

### SAP consolidation and cloud migration completed in just six months.

To resolve these issues, the manufacturer sought a partner that could consolidate its disparate systems, migrate its database to the SAP HANA platform, and move its entire environment from on-premises to the cloud. Speed was also a deciding factor: wanting it completed in less than six months.

### Solutions

The equipment provider selected Pythian as its trusted partner to:

- **Consolidate three SAP environments into one.** Migration occurred with less than 36 hours of downtime.
- **Take the entire SAP environment from on-premises to the cloud.** Moving to the cloud aligned the company with SAP's product roadmap and future-proofed the business.
- **Migrate the database platform to SAP HANA and SAP ASE.** The in-memory database platform improved performance and brought them closer to deploying SAP S/4HANA.

### Relying on Pythian's proven conversion methodology and experts for a smooth consolidation

SAP introduced the Pythian experts to the manufacturer as a preferred provider using the Remote Conversion Methodology and with experience consolidating multiple SAP environments. SAP granted Pythian special access to conversion tools and methodologies that were in the pilot phase, making this implementation the first of its kind.

**Simplified IT operations.**

**Project timeline and goals met.**

## Results

With a consolidated SAP environment, the manufacturer gained:

- **Streamlined operations.** The company is ready to easily onboard future acquisitions, has reduced maintenance costs, and delivers a single view of the business to its leadership teams.
- **Faster reporting.** Cloud-based business intelligence delivers reports in half the time.
- **Improved security.** The business can use the latest SAP security offerings, including LDAP SSO and SAP Authentication.

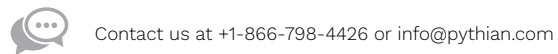
The aggressive timeline for the project included the migration of the following:

- SAP Business Warehouse to BW/4HANA
- SAP BusinessObjects to version 4.2
- All systems to HANA Enterprise Cloud (HEC)

## Improving reporting performance, security and content delivery in less than six months

In six months, the Pythian team—along with the customer and SAP team—delivered on every aspect of the complex project to meet the company's deadline. The acquired companies are fully integrated into the business's IT infrastructure and operate as a single enterprise. Consolidation and migration to the cloud is complete.

**Delivering reports in half the time.**



## ABOUT PYTHIAN

Founded in 1997, Pythian is a global IT services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions and products. From cloud automation to machine learning, Pythian designs, implements and supports customized solutions to the toughest data challenges.

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