

# Landis+Gyr: Redefining a Utility Business Through Data Migration Using SAP® Landscape Transformation



To prepare its utility business for digital transformation, Landis+Gyr embarked on a complex data migration project in close collaboration with SAP and GAMBIT Consulting GmbH. SAP® Landscape Transformation software was used to consolidate and restructure six systems in three waves to gain better financial transparency, simplify operations, and streamline all business processes.





**Landis+Gyr**

Zug, Switzerland

[www.landisgyr.com](http://www.landisgyr.com)

**Industry**

High tech – electronic components

**Products and Services**

Electricity, energy, and grid solutions

**Employees**

5,700

**Revenue**

€1.35 billion

**SAP® Solutions**

SAP® Landscape Transformation software

## Redefining a Utility Through Data Migration with SAP® Landscape Transformation

**Before: Challenges and Opportunities**

- Move from nine global instances of the SAP ERP application, with six in one region, to one instance per region
- Enable more-flexible smart metering processes
- Harmonize master data to optimize intercompany processes

**Why SAP and GAMBIT Consulting GmbH**

- First partner-driven, complex, object-based-transformation data migration with SAP Landscape Transformation
- Fast project completion with no operational downtime
- Complete migration of all historical data, including open processes
- Integration of all countries not using SAP software via a classic legacy-system migration

**After: Value-Driven Results**

- Cross-system business continuity with full access to historical logistics data
- Global transparency into financial figures
- Enterprise resource planning (ERP) preparation for future transformation challenges
- Massive restructuring of system operations and the core value chain

**“The consolidation of our ERP landscape using SAP Landscape Transformation allows us to run all our business processes more smoothly than in the past.”**

Sascha Merz: CIO of Europe, the Middle East, and Africa (EMEA) and Head of Global ERP Systems; Landis+Gyr

**Featured Partner**



# 1 system

Consolidated from 6 systems

# 3 phases

To the project, with the first wave now complete

# 1 weekend

To migrate a 2 TB system (<48 hours)



# Simplifying and consolidating the system landscape

Landis+Gyr is the global industry leader in utilities metering solutions for electricity, gas, HVAC, and water. For more than a century, the company has helped the world manage energy better. Focused on quality, reliability, and innovation, Landis+Gyr offers a complete portfolio of energy meters and integrated smart metering solutions that help utilities build smart grids that allow customers to make better use of scarce resources. Its solutions empower utilities and end customers around the world to improve their energy efficiency, reduce their energy costs, and contribute to the sustainable use of resources. Landis+Gyr combines the strength and innovative prowess of one of the world's largest electronics manufacturers with unparalleled utilities expertise to meet the worldwide energy challenges of today and tomorrow.

In order to maintain its commitment to quality for customers and partners alike, Landis+Gyr embarked on a complicated digital transformation journey together with SAP and GAMBIT Consulting GmbH. The objectives were the consolidation and improvement of the current SAP® ERP application landscape, preparation for business process improvements, and to meet key performance indicators for process efficiency and transparency. The key to success was harmonizing data from the chart of accounts and financials, as well as material master data and vendor data. The overall vision is to move from a localized to a regionalized business using a single SAP ERP instance per region to increase agility and flexibility for the entire enterprise.

Executive overview

**Company objectives**

Resolution

Business transformation

Future plans



# Teaming up on a **multistep landscape optimization** project

Landis+Gyr already had previous engagements with SAP for other projects. For optimizing its overall SAP ERP landscape, it worked with the Data Management & Landscape Transformation (DM&LT) group at SAP and SAP partner GAMBIT Consulting GmbH. The company opted for an object-based transformation (OBT) approach for its logistics and financial data, and a legacy system migration workbench (LSMW) approach for its controlling data. The project was executed over multiple phases, beginning with the transformation at headquarters to incorporate operations and sales businesses, which allowed for a short project timeline and the transfer and preservation of historical data. This approach was chosen to serve long-lasting sales contracts, meet legal requirements, and reduce business involvement.

Face-to-face as well as virtual meetings between the two main teams in Germany and Switzerland fostered collaboration and helped to accelerate the project. An ambitious launch date was set and met without interruption to production or customer deliveries – much to Landis+Gyr's satisfaction. Historical data was migrated as planned, and a hassle-free start was completed the next working day after the transformation. Three remote test runs were implemented very smoothly, all people were assigned, and GAMBIT Consulting GmbH was only on-site during the hyper-care phase. Blueprinting was completed by teams in different countries – the United Kingdom, Greece, Germany, and Switzerland.

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**“Using an OBT approach, we transferred continuous document chains with their complete history into the target system. We were also able to **harmonize the master data** at the same time.”**

Jochen Knösels, Head of Migration, GAMBIT Consulting GmbH



# Combining two approaches

The combination of OBT and LSMW approaches was chosen to preserve full integration between logistics and financial data. Moreover, it was important to Landis+Gyr to harmonize and swap the chart of accounts during the transformation. Roughly 350 business objects and 700 tables from SAP ERP were transferred.

The largest table transferred was around 25.5 GB. Three test cycles were performed over a period of four months, with constant retesting of current master and transactional data from the productive system – which resulted in continuous process improvements between each cycle.

Technical downtime was less than 48 hours and was planned over a holiday weekend, starting with the system backup and OBT cutover and ending with final reconciliation activities. The overall business benefits

were minimal risk and a short time frame – with the project being completed on time and as planned. The head of migration at GAMBIT Consulting GmbH, Jochen Knösels, notes, “The trustworthy and cooperative collaboration between the GAMBIT Consulting GmbH and DM&LT teams helped us meet the short project runtime for this challenging project.”

“The simplification of all our ERP landscapes is helping us improve business processes,” says Sascha Merz, CIO of EMEA and head of global ERP systems at Landis+Gyr. “This will lead to streamlined operations and greater transparency in our supply chain and financials.”

Currently, Landis+Gyr is running the transformation pilot phase. Once it returns to daily business operations, more business advantages will become apparent.

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**“It was a complex project. We were able to deliver, thanks to great collaboration between the teams and the OBT approach recommended by DM&LT.”**

Thomas Pasquale, Managing Partner, GAMBIT Consulting GmbH

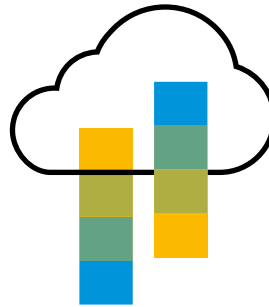


# Harnessing the power of creative energy

As the data transformation project continues and becomes more important to the enhancement of intercompany processes, Landis+Gyr intends to further streamline operations and reduce the area required for production. It also hopes to achieve greater efficiency and continue on its business process improvement journey.

The next step will be moving to SAP S/4HANA®, which will help Landis+Gyr to better support customers in the cloud with streamlined processes that provide increased precision, reliability, and energy efficiency.

With help from SAP and GAMBIT Consulting GmbH, Landis+Gyr will keep harnessing the power of creative energy to design, develop, and market industry-leading products and solutions that deliver real value for the business and its customers.



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