



## SAP Migration in Record Time

In commercial vehicle manufacturing, reliability, trust, and speed form the very foundation of successful business relationships. These values are precisely what Schmitz Cargobull, a leading manufacturer of semitrailers, trailers, and truck bodies, put their trust in when they were selecting a partner for their SAP transformation into the Azure cloud – and this trust was rewarded with a smooth move carried out in record time thanks to Arvato Systems.

### Background Situation

The outsourcing of the vast majority of the application landscape to the cloud and the redesigning of the WAN infrastructure and local breakouts are measures that are part of the entire company's Digital Transformation. Last year, the decision was made to transfer the SAP landscape as the core of all company applications into the cloud to be able to leverage the full potential of cloud technologies.

An extremely tight schedule was drawn up for this project, beginning with the launch in September 2018. It was concluded with the successful move after Christmas thanks to Arvato Systems so that global production could start in time for January 2nd 2019.

### Vision

Digital Transformation is more than a project at Schmitz Cargobull: "We're driving digitalization forward in the logistics industry in our position as market leader," says Olaf Hollah, CIO at Schmitz Cargobull. The company sees itself as an innovation trailblazer for the entire logistics chain and wants to get its clients ready for the future in the logistics industry and to optimize its internal processes to ensure cost leadership by consistently digitizing products, services, production, and processes. Hollah calls "SAP on Cloud" one of the "key issues for the transformation of IT."



## The Customer

- Schmitz Cargobull AG is Europe's leading manufacturer of semitrailers, trailers, and truck bodies for temperature-controlled freight, general cargo, and bulk goods, with its 6,400 employees producing more than 61,000 vehicles annually.

### Industry

- Automotive

## Partner Selection

The company sought a partner with experience and expertise who can implement specifications reliably and within the tight schedule provided to move the SAP landscape into the cloud. "We have a responsibility towards our clients and employees with our digitalization vision and have found the right partner in Arvato Systems, one that possesses the expertise required to migrate our SAP system to Azure quickly, reliably, and with a high degree of stability," says Hollah. However, experience and certificates were not the only deciding factors in the selection process. "Arvato Systems understands our digital vision and, thanks to the SAP migration, provides us with the agility we need for future applications," explains Hollah. For Financial Director Andreas Busacker, another aspect came into play: "The SAP transformation by Arvato Systems enables us to react quickly and flexibly to the constantly changing requirements in the digitized world, which will give Schmitz Cargobull and our clients a decisive competitive edge."

## Solution

The existing SAP landscape – consisting of ERP, CRM, and HCM – was migrated into the Azure cloud, including the exchange of databases and SAP release changes. Fiori Gateway, Adobe Document Server, and Solution Manager were set up again in the cloud. The ERP system is now operated as a database with SAP HANA, while the remaining systems run as a database on SAP ASE.

The individual steps for the migration of the ERP, CRM, and HCM SAP system lines were:

1. Database migration and release change of a sandbox system, which was set up as an up-to-date copy of the production.
2. Implementation of the necessary adjustments to tables, programs, and interfaces in the systems migrated to the cloud.
3. Carrying out application tests in the new productive system.
4. Migration of the development system.
5. Migration of the integration system.
6. Migration of the production system.

## Our Services

Arvato Systems has years of experience with the setup, installation, and operation of SAP systems both in on-premise and cloud operation in AWS and Azure, and its Gold Partner status means it has the highest possible qualifications with Microsoft and SAP, and also boasts numerous certificates as an SAP provider for cloud services or SAP HANA operations.

However, our areas of expertise are as well:

- Extreme flexibility
- Professionalism
- Delivery reliability



## Case Overview

### Task

- Closure of all data centers at all sites and transformation of SAP systems into the cloud.
- Smooth transformation of the entire production landscape (28 systems), including consultation on SAP HANA within three months.
- Adherence to schedule with the start of ERP production on 2 January 2019.

### Technology

- CRM, CRM 7.0 EhP4
- HCM, ERP 6.0 EhP8
- Fiori Gateway, Fiori Frontend Server 4.0
- Adobe Document Server Netweaver 7.50
- Solution Manager 7.2

The move to an SAP landscape represents a massive challenge and our experts are on hand to support Schmitz Cargobull – as they are with every other client – before the migration, during the migration, and after the migration in live operation.

“In a world full of changes and an often unclear, complex, and diverse environment like the one we’re currently experiencing thanks to digitalization, companies need a reliable partner to guide them through this migration based on their strategy and provide them with stability,” says Christian Scholz, Director Enterprise Architecture at Arvato Systems. “With our ‘Intelligent Azure Operations 4 SAP’ program, we support companies in both striking the balance between cost optimization and innovations, and striking the balance between stability in operation and agility in development,” adds Scholz.

Seamless migration is possible thanks to infrastructure as code (IaC), managed with Terraform. At Arvato Systems, each step up to SAP installation is available as code and can be reproduced at the press of a button. The CI/CD pipeline based on the Microsoft DevOps tool allows deployment to be automated following technical approval, meaning it fulfills the most stringent of governance requirements. The fact that configurations are easily traceable at any time means the entire deployment process is transparent and less prone to errors. Ansible also ensures a reliable software provision.

### **Customer Benefits**

With Arvato Systems by their side, clients benefit from a seamless transfer of their SAP systems. Operation in the cloud offers them more flexibility and scope for new ideas.

Over the course of the transformation, our teams carry out all necessary technical and functional modifications to ensure quick provisioning and commissioning of the new software. We can also provide the required system environment in our data center if desired (DC).

Dedicated global teams of experienced specialists ensure successful execution with proven tools and methods, including a CIP (continuous improvement process).

- We support you as you transition and operate your SAP solution in the cloud
- We integrate innovative technologies to implement your business requirements in an optimal way.
- We guarantee rapid implementation based on best practices and infrastructure as a service.
- We ensure 24/7 operation of your SAP systems in the cloud.
- With our managed SAP Services, we make sure that SAP Basis operates at peak performance.

Our clients remain innovative and competitive in the digital age and lay the foundations for future successes thanks to a long-term collaboration with Arvato Systems.





## About Arvato Systems

Global IT specialist Arvato Systems supports major companies through digital transformation. More than 2,700 staff in over 25 locations epitomize in-depth technology expertise, industry knowledge and focus on customer requirements.

Working as a team, we develop innovative IT solutions, transition our clients into the Cloud, integrate digital processes and take on IT systems operation and support. As a part of the Bertelsmann-owned Arvato network, we have the unique capability to work across the entire value chain.

Our business relationships are personal; we work with our clients as partners, so that together we can achieve long-term success.

You have questions, need information or a contact?  
Get in touch with us.

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