

adesso

A worker in a grey Schindler uniform and cap is working on a modern tram or train interior. The worker is wearing a black cap with the Schindler logo and name, a grey long-sleeved shirt with white stripes on the sleeves and the Schindler logo on the chest, and white gloves. The worker is focused on a task, possibly inspecting or adjusting a component of the vehicle's interior. The background shows the interior of a modern tram or train with large windows and metallic structures.

**SCHINDLER SCHWEIZ:  
MODERNIZATION OF  
BUSINESS APPLICATIONS**

# MODERN BUSINESS APPLICATIONS FOR A SECURE FUTURE

Schindler Schweiz had previously relied on a variety of system solutions based on different platforms, databases and technologies. Thanks to a strategic partnership with Microsoft and the advanced technical possibilities offered by Microsoft Azure and Microsoft Power Platform, the application landscape is currently undergoing a comprehensive overhaul and expansion. The aim is to ensure operational stability and high quality standards as well as to enable more efficient work processes. adesso is providing significant support to the company through a series of projects aimed at modernizing the existing business application landscape.



## CHALLENGE

The greatest challenge in updating Schindler's existing application landscape was to integrate new digital technologies and cloud platforms with existing systems without disrupting ongoing operations. Furthermore:

- > Inclusion of the requirements of the aging legacy applications
- > Integration of a secure and globally managed Microsoft Power Platform environment into existing processes and peripheral systems
- > Integration of DevOps practices and tools into the development process



## SOLUTION

Schindler successfully introduced the Microsoft Power Platform. Meanwhile, adesso provided support with expertise and implementation capacity in various projects.

Databases were comprehensively modernized (refactoring) and redesigned. This formed the basis for the use of Power BI for data visualization and for defining a citizen development strategy (see page 3).



## BENEFITS

Thanks to its modernization to become an agile and efficient environment, Schindler now benefits from:

- > **Increased integration capability:** Improved data flow, improved automation and the integration of a wide range of applications due to the versatile out-of-the-box API.
- > **Target-oriented data analysis:** User-friendly access to data analysis providing a foundation for quick decision-making.
- > **Fast application development:** business units can create new applications themselves on the low-code / no-code platform.



## MORE ON THE SOLUTION

Modernization of the database is the basis for:

- > The use of PowerBI for data visualization and evaluation to easily create complex analyses and data models so that fact-based business decisions can be made.
- > The definition of a citizen developer strategy to offer Schindler's internal staff the opportunity to independently develop innovative solutions for their business area and drive forward digitalization.

## METHODS AND APPLIED TECHNOLOGIES

By implementing Microsoft Power Platform, Azure services such as Azure Data Factory, Azure Storage Account and Azure SQL Server Database as well as integrations with SAP SharePoint and REST APIs, outdated business applications have been successfully brought up to date. Thanks to Azure DevOps and Azure Key Vault, the development and security of the systems was optimized, while Power BI and SSIS enabled advanced data analysis and ETL processes.

[Power Apps](#) | [Power BI](#) | [Azure Datafactory](#) | [Azure Storage Account](#) | [Azure DevOps](#) | [Azure SQL Server Database](#) | [SAP](#) | [SharePoint](#) | [REST API](#) | [SSIS](#) | [Azure Key Vault](#)



” *The collaboration with adesso was outstanding. We were particularly impressed by the experts with in-depth knowledge of the Microsoft platforms and their first-class support. In general, we felt that adesso worked in a very agile way and reacted quickly to changes.*”

**Suzanne Bétrisey**, Head Microsoft Solutions, Schindler AG

## ABOUT THE CUSTOMER

Schindler is a leading provider of sustainable and intelligent urban mobility with a focus on elevators and escalators. Founded in 1874, the company employs 70,000 people worldwide and generated sales of 11.3 billion Swiss francs in 2022.



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