

OneEAI Automover

Eine umfassende Lösung für die Schnittstellen-Migration von lokalen Middlewares in die Cloud.

The OneEAI Automover is an easy-to-use, automated solution that helps you efficiently migrate your on-premises middleware systems to modern cloud-based integration platforms. This makes migration faster, more cost-effective and error-free - and ensures that your company keeps pace with the latest technology standards.

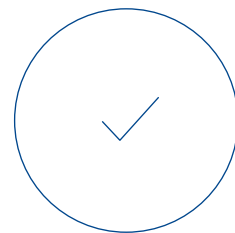
Typical Hurdles When Migrating Middleware to the Cloud

The migration of existing, often outdated middleware systems to the cloud is associated with various challenges. Identifying the interfaces to be migrated and cataloging them, including all the necessary information (communication parameters and mappings), is particularly complex. This process requires extensive resources and careful planning. The biggest challenges include:

- **High manual effort:** many migrations are manual processes, which makes them slower, resource intensive, and more prone to errors.
- **Susceptibility to errors:** Manual migrations increase the risk of errors that can jeopardize data integrity and system stability.
- **Time-consuming processes:** Every step of the migration must be documented and monitored, which prolongs the overall process.

The OneEAI Automover solves these challenges through automation and increased efficiency, which minimizes effort and reduces the error rate.

Benefits



There are various reasons why you should move your middleware systems to the cloud:

- **End of software and hardware lifecycle:** many middleware solutions reach their end of life and no longer receive security updates or support services. Lack of support and updates slows down operations and makes scaling more difficult.
- **Outdated systems and security risks:** Older systems pose potential security vulnerabilities that can be minimized with modern cloud solutions.
- **Cost inefficiency:** Outdated middleware systems often cause unnecessarily high costs. Migration to the cloud helps to reduce these.





OneEAI Automover: An Automated Solution for Middleware Migration

What Is the OneEAI Automover?

The OneEAI Automover is an innovative solution that helps companies to efficiently migrate their on premise middleware systems (e.g. SAP PI/PO, Seeburger, BizTalk) to cloud-based integration platforms. The OneEAI Automover extends traditional migration tools and offers a cost-effective and less error-prone migration. It helps you to future-proof your integration platform and comply with future technology standards.

Your Benefits by Using the OneEAI Automover

The OneEAI Automover offers a number of advantages compared to other migration tools and manual processes:

- **No deployments required:** The OneEAI Automover generates configuration objects instead of code, so you can make changes to mappings and interfaces without extensive deployments.
- **Efficient test scenarios:** Once an interface has been tested, similar interfaces can be analyzed with significantly reduced effort.
- **Use of artificial intelligence and automation patterns:** AI-supported analysis of patterns helps to reduce implementation effort and increase efficiency.
- **Reduction of complexity:** The OneEAI Automover identifies redundant or very similar mappings and suggests merging them to reduce complexity and thus facilitate maintainability.

Artificial Intelligence in the OneEAI Automover – Real Added Value for You

The AI-supported functions of the OneEAI Automover offer you a number of advantages:

- **Similarity analysis of mappings:** The OneEAI Automover recognizes patterns and similarities in existing mappings, enabling an efficient development process.
- **Search support:** With the help of AI, relevant mappings and interfaces can be found quickly, which speeds up the migration enormously.
- **Conversion of mappings into the language of the target systems:** Our LLM enables mappings to be automatically converted into the language of the target system.
- **GoLive Support:** The AI ensures that all systems are comprehensively tested before GoLive and recognizes deviating data constellations, e.g. by analyzing historical data.

Functions

The OneEAI Automover uses the APIs of your existing middleware systems to retrieve runtime and configuration data. On this basis, the OneEAI Automover offers the following main functions:

- **Automated analysis of mappings and interface configuration:** The OneEAI Automover identifies and categorizes all interfaces in use and flags mappings and connections that are no longer needed.
- **Consolidation proposals:** Based on the analysis, the OneEAI Automover suggests to consolidate redundant mappings to increase efficiency.
- **Creation of configuration objects:** The OneEAI Automover generates configuration objects in the target environment that can be used immediately.
- **Automated testing:** All mappings and are tested against historical production data to ensure their functionality and the integrity of the migration.



The OneEAI Automover is revolutionizing cloud migration: we simplify complex processes through intelligent automation and the effective use of AI, creating enormous savings in terms of time and costs. The results are more efficient and reliable integrations as well as a modern and future-proof IT infrastructure that puts you in the best possible position for digital transformation.

Christian Bittner

An expert for Enterprise Application Integration,
Arvato Systems

The OneEAI Automover in Use at Your Premises – Implementation and Support

The implementation and use of the OneEAI Automover is carried out in close cooperation with the customer:

- **Readout & measurement:** Prior to the technical migration, we analyze your existing systems and determine the scope of the necessary migration.
- **Application of the OneEAI Automover:** The OneEAI Automover can be applied either by Arvato Systems or in collaboration with your team, depending on the project requirements.
- **Migration support:** We support you throughout the entire migration process as in accordance with your requirements to ensure a smooth implementation.

The OneEAI Automover as Part of the Comprehensive EAI Suite from Arvato Systems

The OneEAI Automover is not just a single solution, but an important component of Arvato Systems' proven EAI suite. The EAI suite provides a scalable platform for the integration of enterprise applications and supports companies in the seamless integration of IT systems, both in on premise and cloud-based environments.



You can find more information about [Enterprise Application Integration](#) on our website!

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Arvato Systems is an international IT specialist that supports major companies in Digital Transformation. We stand for strong industry knowledge, in-depth technology expertise and a clear 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 part of Bertelsmann, we are built on the solid foundations of a German global corporation. At the same time, we rely on our strong strategic partner network with top international players such as AWS, Google, Microsoft and SAP. We make the digital world easier, more efficient and more secure and our customers more successful. We Empower Digital Leaders.

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