![Alumio logo]

40 questions you must ask when integrating eCommerce to ERP
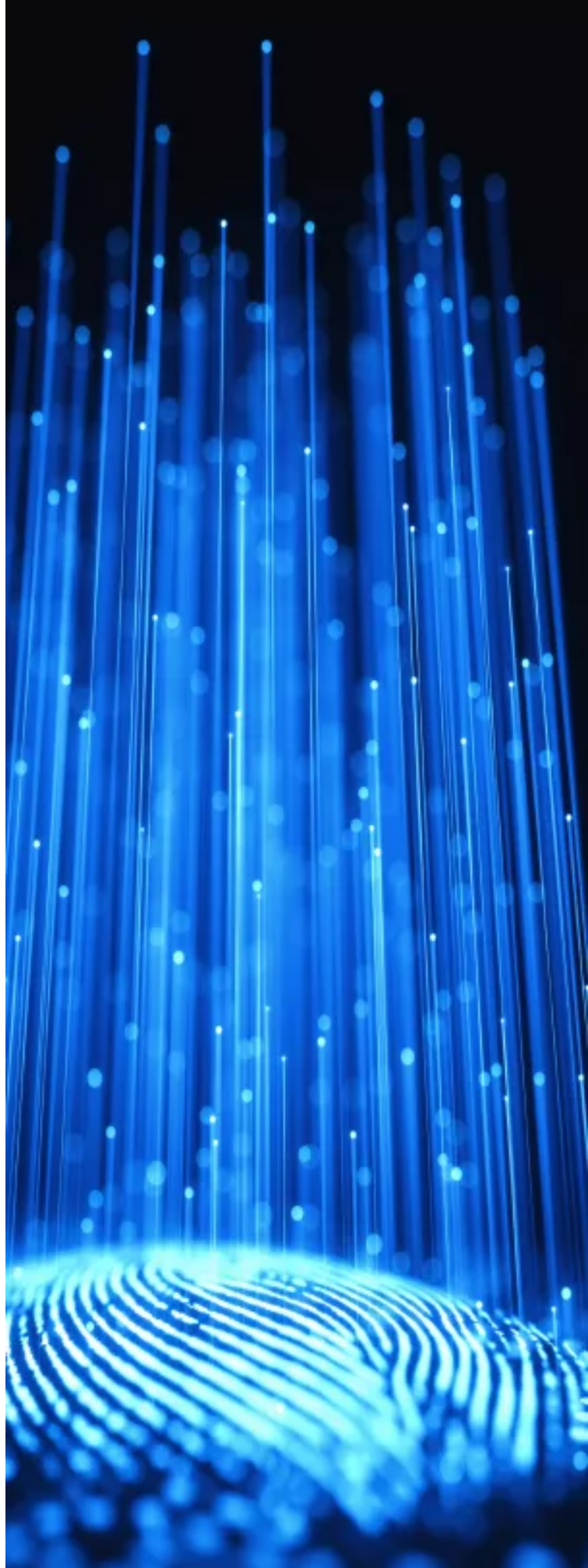
Alumio Checklist

Checklist

40 questions you must ask when integrating eCommerce to ERP

We've compiled the following checklist to help make the right decision when choosing an integration solution for connecting your ERP (SAP or Microsoft) to your eCommerce platform.

To get you started, we have added two prefilled columns for the most likely answers if you were looking at:

- *a batch-based integration solution, or;*
- an integration solution where an iPaaS is selected, combined with a native plugin, giving you real-time information from your ERP*

  * We are referring to the solution Alumio can offer when integrating Microsoft Dynamics and SAP ECC/SAP S4 HANA.

Checklist: Selecting an integration solution

Architecture – does the solution allow you to:

YOUR CHECKLIST	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
Monitor both in- and out errors	✖	✔	
Connect and map data from other sources	✖	✔	
Map the data to other endpoints as well (i.e. third party software)	✖	✔	
Configure the integrations in a user-friendly way	✔	✔	
Create queues in case API software is down	✖	✔	
Add customization to solution	✔/✖	✔	

Architecture – does the solution allow you to:

Workflow functions can be started when errors occur?	✖	✔	
Routing error	✖	✔	
Receive webservice reject error	✖	✔	
File transformation error	✖	✔	
File transfer bandwith exceeded	✖	✔	

Checklist: Selecting an integration solution

How confident are you that integrated software, such as an eCommerce system, knows the data from your ERP is accurate?
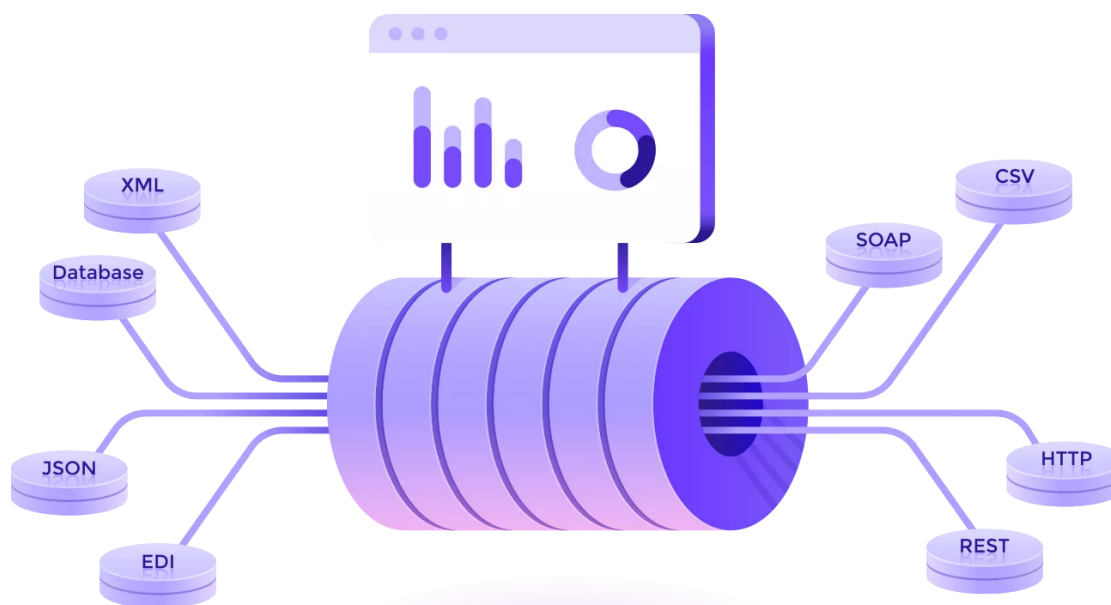
Also, a good list to check if this data is available in the 'integration template'.

	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
Accurate contract pricing	✔/✘	✔	
Accurate customer specific pricing incl. tier pricing	✘	✔	
Real-time order discounts	✔/✘	✔	
Real-time inventory	✘	✔	
Accurate quantity scaled pricing	✘	✔	
Accurate customer credit standing	✘	✔	
Real-time order and invoice information	✘	✔	
Display real-time error messaging from ERP	✘	✔	
Real-time transport routes, costs, delivery possibilities ERP	✘	✔	
Accurate tax and shipping charges	✘	✔	

Checklist: Selecting an integration solution

Is the ERP data manageble?

	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
Can data be sent to other data-sources or software, such as marketing automation, datalakes, AI or PIM – MDM?	✖	✔	
Can you merge data with data from other datasources?	✖	✔	
Do you have features to transform data?	✖	✔	
Are there monitoring dashboards?	✖	✔	
Can you customize yourself; are you able to map other API data to source?	✖	✔	

Checklist: Selecting an integration solution

Does the solution prevent business errors, such as ordering:

	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
Invalid SKU	✖	✔	
Out-of-stock inventory	✖	✔	
Invalid quantity	✖	✔	
From customer with debt limit	✖	✔	

Accurate writing to your ERP

	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
100% error-free instant order posting	✖	✔	
Accurate SKU acceptance	✖	✔	
Accurate shipping charges	✖	✔	
Return ERP order number real-time to eCommerce screens	✖	✔	

Checklist: Selecting an integration solution

Static ERP business rules enforced in ecommerce?

	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
Multiple ship-to/sold-to	✗	✔	
Returns	✔/✗	✔	
Contract payment terms	✗	✔	
Contract credit terms	✗	✔	

Hosting

	PLUGIN & BATCH-BASED SOLUTIONS	REAL-TIME SOLUTIONS ICM IPAAS & NATIVE ERP CONNECTOR	YOUR CHECKLIST
Do you require hosting?	✔/✗	✔	

About Us

Alumio offers an integration platform and solution for the eCommerce market based off of the new wave of iPaaS integrated software solutions. Alumio is designed to provide today's businesses with the ability to integrate their processes simply, with a scalable solution that can be used to grow as you grow.

With more than 10 years of experience in creating integrated software solutions, we've developed Alumio as a long-term solution for your business. Along with our clients in industries like eCommerce, retail, manufacturing, finance, and wholesale we help businesses achieve their full potential.

Our Story

Our humble beginnings go back as far as twenty years ago when we were a digital agency that specialized in making integrated solutions between ERP systems and digital software. While we worked with eCommerce clients, we also needed to integrate with (e)POS systems, warehouse systems, and PIM systems.

In our early years, we made integrated solutions using custom code. However, we knew just how challenging this was going to be moving forward. We didn't have a viable way to monitor our custom code, which often left our clients calling us with issues. While our support team would do everything they could to solve the issue, they simply didn't have enough knowledge with the custom code that our solutions were built around.

For that very reason, we moved to embrace the new standard of integrated solutions in iPaaS integrations. Today, our clients no longer have to deal with the back and forth between our support staff and their IT team, they no longer have to worry about fine tuning their code, they no longer have to worry about hiccups in their integrations – instead, they can finally reap the benefits of a scalable, affordable, and flexible integrated software solution designed for modern businesses and modern technology.

The integrated platform for digital commerce & AI

Alumio ends the pains of data silo's which stop business to grow, as well as the pain of hand-crafted code by several partners, teams and developers. Alumio created a scalable, high performing and above all secure and save and compliance environment to handle your data integrations.

Alumio is designed to be 'The best solution for data integration', when it comes to create fast connection between ERP systems, the new digital software applications and to Machine Learning/ AI solutions.

Alumio will improve business processes, accelerate decision-making, and drive better business outcomes.

The Alumio integration platform, delivered as private cloud solution, is a central place for all integrations, so companies are able to use data, accelerates process flow across applications, databases, data warehouses, big data streams, and AI solutions.

The integrated platform for digital commerce & AI.