



Key Differences between Odoo ERP vs. SAP ERP Systems

ERP systems can help your business eliminate operational inefficiencies, disjointed data and systems, and poor departmental communication. However, the main question is: which [ERP system](#) will fit your business process, ambitions, and organization's size?

To maximize a revenue supporting process is illogical as it will take effort away from revenue-generating business processes. - Bill Curtis



odoo

VS

SAP



The purpose of the enterprise resource planning system is to provide the business or organization with information that affects their decisions and return on investment. Different ERPs are needed by organizations depending on their needs. ERP systems that continue to have a significant effect on enterprises include:

- Sage3
- SAP
- Business Cloud Essentials
- NetSuite ERP

- Odoo

Let's compare the two well-known ERP systems, SAP and Odoo, both ERP platform helps organizations to grow and maintain their Return on Investment.

Odoo ERP v/s SAP ERP Software Solutions

[Odoo ERP software solution](#) is an open-source framework with power-packed management solutions suitable for small to large enterprise resource planning.

SAP ERP software solution is a mid-market helping small and medium businesses automate their finance, human resources, business analysis, and productivity.

Odoo vs SAP comparison

Parameters	Odoo	SAP
Amount of data the ERP can handle	An optimal option if you have no more than a hundred orders daily.	It's capable of storing and handling a huge amount of data. SAP can process tens of thousands orders daily. Not without a fly in the ointment though: the system is quite slow.
Free version available	Odoo Community is totally free. Paid Odoo Enterprise offers unlimited possibilities.	SAP has only paid options.
Flexibility	It provides you with the opportunity to easily change blocks and their components to stay flexible and competitive.	It's not really adaptable. You'll more likely have to adjust to the business logic of SAP than vice versa.
Complexity	The ERP is written in Python and has a modular structure, making it easier to work with the system and find experienced developers.	This ERP is written in C, C++, Java, and ABAP (a high-level programming language invented by SAP). It's not a case where developers can grasp the system's structure and logic at a mere glance.
The license fee for the on-premise option	No, Odoo is free if you install it on your own servers.	Yes, perpetual, annual subscription or consumption payment models are available.
Simplicity of customization	It's easier and cheaper to customize.	It offers detailed but intricate customization that requires more resources and expertise.
Specifics of the migration to a new ERP version	It provides you with the scripts for more effortless data transfer, but you still have to handle data and code migration by yourself, especially to transfer the custom functionality.	It has backward compatibility, which allows you to avoid code or data migration every time a new version is deployed.
Bug fixing options	It's an open-source ERP with a huge community, thanks to which your developers can find ready-made solutions on GitHub.	It's a closed-source ERP, you can rely only on your development team's expertise and SAP technical support.
Adaptability to new regulations	Odoo can be easily and quickly adjusted to new regulations if the developers who support the module are experienced.	SAP's modules have a more complex structure, it's complicated to make them comply with new regulations.

SAP is one of the largest ERP software providers and is also mature enough to deal with the most complicated scenarios, but on the other hand, it is not flexible enough to handle complex workflow customizations.

SAP ERP Software easily deals with the most complicated scenarios, but it is not flexible to handle complex workflow customizations.

On the other hand, Odoo is a better alternative to handle the complex requirements of the enterprise. At [CodeTrade](#), we have a team of certified Odoo developers and we can help you to customize and deploy Odoo for your business. Also, CodeTrade Odoo Experts are flexible

to work on product basis development or dedicated module. [Hire our dedicated and talented Odoo Developers](#) or contact CodeTrade for a better and free consultation.