

COMPOSABLE ENTERPRISE RESOURCE PLANNING SOLUTION CHECKLIST



The term “Composable ERP” has been introduced by Gartner experts to denote a modern all-in-one solution that unites diverse applications necessary to fruitfully fulfill critical business functions and is flexible enough to timely transform the environment as a result of any changes.

This kind of software is an ideal solution for all companies with a growth perspective: even if an organization is small, adopting such a tool instead of a monolithic one (a single-tiered solution that combines multiple components into one app, which makes it much more difficult to change, update, and integrate) is a reasonable decision. This will simplify most processes in the future because you won’t have to transfer all the data to another system when your organization will grow and require another solution.

We’ve created this checklist to let you know what the main attributes of an ERP solution are and what to pay attention to when looking for one.



Main Attributes

Cloud-based

Cloud-based tools are much more agile as compared to on-premise solutions thanks to automatic updating opportunities. Moreover, they are independent of physical assistance. Once installed, the solution is always up-to-date. Flexible configuration and higher-level security make cloud-based software meet today's business needs.

Flexible integration opportunities

This is one of the most important points you should focus your search on. The main objective of adopting a composable solution to an organization is to have everything in one place.

Here's a short list of solutions to be integrated with your main software:

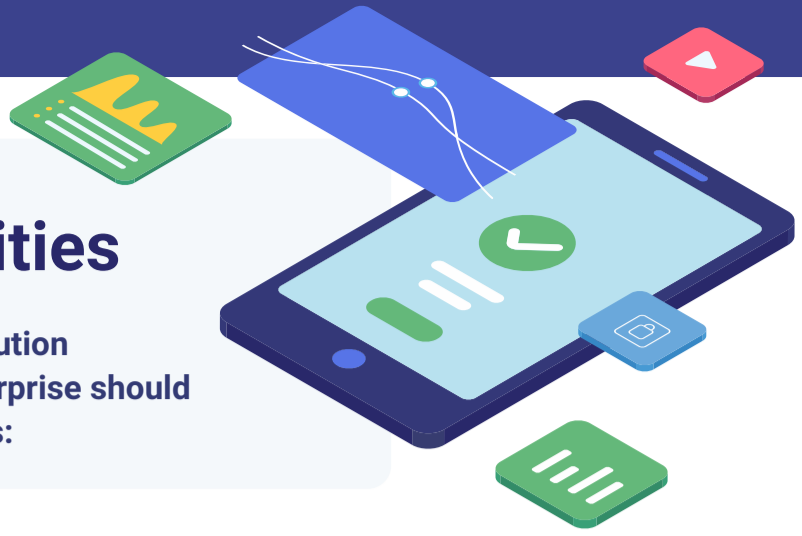
- CRM systems
- Financial applications
- HRM platforms
- CTI solutions
- Advanced analytics and BI platforms
- SCM apps

Supporting a composable ERP strategy

This means that a solution is constantly evolving according to appearing trends in the market, customers' needs, the company's growth and changes taking place in an organization. In other words, it is adaptable as it is timely updated based on arising changes or requests.

AI-driven functionality available

Artificial intelligence has become a must-have of any contemporary software. It provides diverse opportunities to those responsible for fulfilling business goals by analyzing extra-large amounts of data, automating most processes, assisting in decision-making, and making predictions.



Technical Capabilities

A modern resource management solution that suits most needs of a large enterprise should encompass the following capabilities:

Access to real-time and historical data

Access to real-time information lets you immediately react to arising changes and avoid failure. Therefore, it contributes to efficient risk management. Historical data in hand makes it possible to compare various metrics and use lessons learnt for further improvements.

Automatic (re)prioritization of products and projects

Manual prioritization is labour- and time-consuming, especially in large organizations creating dozens of products. Besides, product/project managers cannot calculate the priorities in a multi-project environment themselves because of the enormous amount of data that impacts the priorities. That's why automatic prioritization is an essential feature of any ERP software. What is even more important, if any changes occur, automatic reprioritization is carried out right away.

Automatic material, financial, and human resource management

Manual resource allocation is troublesome due to the extra-large amount of data that must be taken into account. A composable solution is capable of allocating resources across multiple projects and reallocating them upon availability changes or for other reasons.

Tracking progress and performance

Knowing teams' performance is crucial for any business's success, which is why this is the attribute any composable ERP solution should have.

Uncertainty and risk management

Any product or project management is associated with risks and uncertainty, which is why in-built uncertainty and risk management capabilities or integration with such tools are of great importance for a composable ERP solution.

Bottleneck detection

The software analyzes all related data and can define the cause of flow problems in a few seconds, while it's almost impossible to find a bottleneck manually, at least that fast.

AI-driven forecasting

As was mentioned in the previous section, artificial intelligence helps predict bottlenecks by forecasting the demand for resources and their workload for any date in the future.

Collaboration inside and outside teams

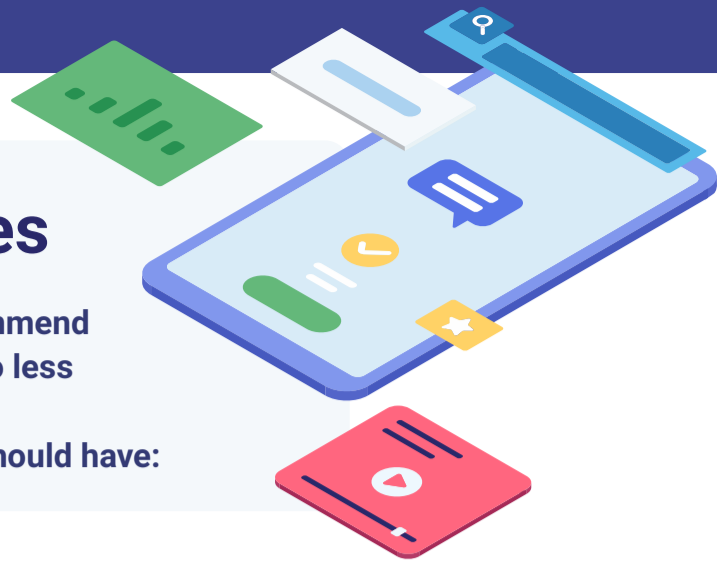
A composable solution should either have collaboration capabilities, e.g., messaging and/or commenting functionality, or support a corresponding integration with collaboration tools.

Advanced reporting

Making reports automatically saves a lot of time and is an essential part of a composable software solution (as one of its functionalities or as a result of integration).

Additional Advantages

Apart from the points above, we also recommend considering some other aspects that are no less important and can help you make the right decision. So, a composable ERP solution should have:



Solid security

Your data should be reliably stored in the system, encrypted, and permissions should be managed to make certain people access certain information.

Scalability

A software solution is scalable if its capacity and functionalities are getting increased based on its users' demands. This attribute provides stability to the environment in terms of occurring changes and especially business growth.

User-friendly interface

The interface should be native and provide a perfect user experience.

Good vendor reputation

Providers with a good reputation usually have good feedback, give case studies mentioning the names of their clients at free access, so that potential customers can contact them if they want.

Reliable technical support

Even if the solution is super-efficient, you'll definitely face some technical issues one day. Good technical support is one of the critical points when searching for a tool your organization will work with. This includes competent resolution of problems, 24/7 availability, and short response time.

Pre- and post-implementation training

To make clients understand the logic behind the solution, its main functionalities, and principles of working with a tool, special training should be included in the implementation procedure.

Windows/macOS/Linux compatibility

The solution should be compatible with all operating systems or at least the most popular (Windows and macOS) to satisfy the needs of any user.

Mobile application with Android/iOS compatibility

Users should have access to the main features of the solution from any place, which is why a mobile app compatible with both Android and iOS is a necessary attribute of any modern ERP solution.

Adequate pricing and convenient billing

Focus on the vendors who provide full transparency to their pricing and choose the ones whose conditions are the most suitable for your company.