

# ERP Systems (Powered By AI)

## Definition

The definition of ERP systems may have different meanings based on the entity concerned. Enterprise Resource Planning (ERP) system is an Information Technology (IT) business solution that enables construction companies and their contractors to manage capital projects effectively and efficiently throughout the project lifecycle.

Usually, ERP Systems refer to these comprehensive software packages that seek to integrate all business processes and functions in order to provide a complete view from one IT architecture.

In the construction field, the ERP system can be defined as an “IT-based computer platform that allows for the integration of various business processes of an organization in order to increase efficiency, and thus profits, using a single database”.

In more detail, ERP replaces all standalone software packages in finance, HR, inventory, planning, etc., with a single unified software that is divided into modules. Each module approximately functions as a standalone system however, all modules are linked together and share information and data.

The findings agree with previous studies which conclude that despite being an IT process at its core, the ERP implementation process is largely impacted by human factors.

## Services

**Eliminate stacks of paper**—or their standalone spreadsheet equivalents. Now, procurement orders, timesheets, expense reports, invoices, and other data are stored safely in the cloud and accessible from anywhere.

**Real-time reports**, where finance and business users draw data from multiple sources, yield insights into the activity and health of the organization as a whole and help identify trends, best practices, and areas where there's room for improvement.

**More income, lower overhead.** With improved access to information, sales teams can identify leads, access the most up-to-date pricing and availability data, and quickly issue contracts with fewer errors. Meanwhile, when using cloud ERP, companies can redirect their efforts away from maintaining servers and performing software updates and toward supporting newly remote employees.

Competitors

ProCore

<https://www.procore.com/en-ae>

Pros



- ☐ Procore boasts numerous tailor-made features, including networking.
- ☐ The software offers 24/7 live support and active socials.
- ☐ 300+ integrations with apps on the Procore platform.
- ☐ Procore offers a demo (free trial) mode.
- ☐ The construction project management solution supports unlimited users at no additional cost.

Cons



- ☐ Excessive sophistication ruins the user experience.
- ☐ Not very cost-friendly for smaller enterprises.
- ☐ The customer support of Procore doesn't offer any 24x7 live phone support.
- ☐ The construction project management software doesn't offer many social media integration features.
- ☐ The construction project management solution is not suitable for small companies and doesn't offer an on-premise deployment option.

Competitors

Autodesk Construction Cloud

<https://construction.autodesk.com/>

Pros



- ☐ User-Friendly: The platform’s UI is simple and easy to use, according to 75% of users.
- ☐ Document Management: According to 96% of users who reviewed this pro, it’s simple to view project files and host contract documents in real-time.
- ☐ Model Coordination: More than 95% of users who mentioned this pro said the software allows subs and GCs to collaborate on models in real-time.
- ☐ Markup Tools: According to 70% of users who reviewed this, the solution enables users to export and archive markups.

Cons



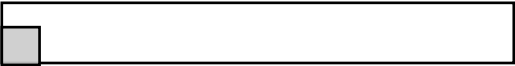
- ☐ Clash Detection: The platform doesn’t provide robust clash detection like Navisworks, according to 57% of users.
- ☐ Cost: According to 95% of users who reviewed this con, the software is expensive compared to competitors.
- ☐ Speed: More than 90% of users who mentioned this con said that it takes time to synchronize files.

Competitors

NewForma

<https://www.newforma.com/>

Pros



- ☐ This software is capable of common user log generation.
- ☐ pricing score is 3 out of 10 (10 is the most expensive).
- ☐ Users of Newforma ConstructEx can markup on files with JPG and PDF extensions.
- ☐ Newforma ConstructEx makes it easy to use. This product is user-friendly and intuitive.
- ☐ offer cloud-based hosting, which means IT resources are retrieved through web-based tools and applications and you don't need to buy servers and additional hardware equipment.

Cons



- ☐ The only downside is that it can definitely be confusing if you aren't tech-savvy.
- ☐ The software's ability with regard to internal field report creation and construction deficiency tracking is still lacking.
- ☐ Issues uploading. Issues downloading. Issues receiving notifications. Issues finding and understanding the process.
- ☐ the user interface is not easy to navigate, and also the product pricing structure.
- ☐ Slow operating system plus the search functions are not deepened.

Competitors

FONN

<https://fonn.io/>

Pros



- ☐ Our overall experience with Fonn has been very positive. Fonn has proven to be an expert in their field.
- ☐ Our clients have been pleased with the project documentation. They always have the most current information in an easy-to-read format.
- ☐ Fantastic at helping keep productivity and transparency between our core and external teams.
- ☐ Customer service with our rep is outstanding. Love when he sends us short videos to show and tell something on the software if we are needing help.

Cons



- ☐ There are still some that have a high threshold for joining and communicating in a «public» area like this - out of fear of doing something incorrectly.
- ☐ The features I felt were weak were upgraded a short time after I started to use the product.

## RoadMap

