

“Web based Project management systems continue to prove their value in the marketplace. Understanding the trends affecting these systems allows organizations to make informed decisions and grow more profitably.”



Project management in construction

Web based Project management has given the construction industry a more efficient method to secure and perform work. Companies seeking to differentiate themselves on negotiated projects or build repeat business with good customers are finally getting results from web-based communication systems.

Contractors who continue to decline some form of project management tools and continue to use a combination of outdated, paper-based and software tools are at a severe annoyance. In the last years, the industry has witnessed a definite shift from paper-based systems to web-based systems. Web-based online project management systems with thorough implementation help site engineers, owners, architects, contractors and consultants manage their projects more effectively and profitably.

Existing Challenges

Identify the existing challenges, without a clear understanding of the problem, there can be no clear path to the solution. Challenges may be identified broadly at first, but further discussions are needed to narrow the specific obstacles to success. Examples of broad challenges include

- Slow response times from construction site ,
- The use of spreadsheets to manage projects,
- A low level of accountability that invariably leads to finger-pointing.

Further enhancement of these challenges might include: an ill-defined process where employees located in divergent offices use faxes and e-mail to communicate, poor tracking of work status at the construction site and slow response i.e. once in a week makes it difficult to make an informed decision, ultimately leading to errors, omissions, and rework, and dependence on project administrators to determine how much project information can be seen, who sees this information and how this information is delivered.

One way to control costs, minimize claims, and handle schedules can be achieved with a secure web-based project management and collaboration system. The system improves communication between project participants, increases accountability, and streamlines the development process from site selection to design, construction, operations and management. This reduces the costs incurred by change orders, claims, and record maintenance as well as minimizes or eliminates delays. Builder's web based solution integration is helping to drive the new wave of web-based project management trends.

Acquire or Charter

Application Service Providers, or those firms who provide the software as a service, continue to rule the day. The Application Service Providers maintains the software on a central network and handles all the support, security, and back-up of the system so the client does not have to hire a technical team. In addition, updates to the software happen instantaneously; whereas with traditional software purchases, updates have to be installed by the client. Even organizations that possess the technical expertise to build or buy a system, underestimate the on-going support required. In addition to the support calls from internal users, there are calls from external consultants utilizing the project web site. The support task alone can be quite intimidating as online project teams tend to grow rather quickly after inception.

Support considerations aside, project teams also tend to work better knowing that a neutral party is managing the information. It is not uncommon for missed deadlines by the architect to be blamed on the inoperability of a contractor-hosted system during a certain time period. Service by the online service provider is guaranteed. They have to continually prove themselves or risk losing the business. In fact, many providers monitor the usage of each project and take proactive steps to ensure that the team is getting the value it expects.

Project Management for Construction Organizations: Bridging the Gap between Construction Site and Organizations

The Construction Side of Project management

Most of the projects Management vendors offer functionality for Organizations, most Project management Solutions do not address both sets of needs in their entirety. Consequently, the Project Management may not support with two way work flow project management with Relgo have packaged itself for creating the software for Construction industry to focus on the management and the construction site.

Organizations want Project management solutions that address their Construction work as a whole. For Construction service organizations, efficiently capturing time, billing, and expense data is a key component to bridge projects. Thus, organizations look to Project management vendors to provide either complete solutions or niche applications that will manage and distribute data across the entire organization. Enterprise software application focuses on the constructional needs of billable services organizations and on the management of the internal and external resources that deliver information service and contracts.

Relgo Enterprise SOA

Relgo Enterprise SOA is a blue print of flexible, adaptable, IT architecture for developing project management in service and construction organizations. The Relgo Connected Platform web services and work together operations, the Relgo SOA based business application adopts to business and simplifies tasks and operations across the board in the construction field. The executives, management and employees will have real-time view of the operations and updates of construction and inventory information of the construction company across the board for effective decision making and streamlined operations. Accounts for all employees simplifies their operations and their tasks.

Real time data Management

Relgo provided the control panels and templates which are connected to the web with a secured login access to monitor and track the work at the construction site

General Manager monitors all the work by sitting in one place.

Getting the real time data make the construction engineer to view the inventory level and order for the next phase of construction

The GM monitors all the work from the day to day basis and from the field engineers a level of chain is created to monitor all the work from the GM to site engineer with a reciprocal.

Monitoring of the work from the construction site become easy with the Ready made data control panel for the site engineer, fills the data regarding his work and submits to the above level and this process will be moved to the head office through the GM.

Real time data Management

These available communication/management tools make it possible to speed up the time it takes to obtain the necessary approvals like

- Design and construct projects at a specific time
- Reduce or eliminate claims brought against the project team
- Communicate specific progress
- Information to keep the public informed
- Control cost manage the critical project milestones

Real time data Management

It is likely that Construction organizations are already collecting data and measuring progress in some form. Relgo Enterprise SOA Technology can enable this process and improve measurement and analysis. Once the organization has defined its vision, goals, and the implementation of it will use to track progress, technology can support your goals by helping you analyze information in an accurate, complete, and timely manner. Technology advances make data management and measurement a much simpler process enabling you to leverage the valuable information you are already collecting to help you improve performance and profitability. An integrated system will ensure that the process of leveraging this information is faster, and provides more visibility across a macro as well as a micro level.

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