Progress®

SafeGuard Disrupts the Construction Industry with Rollbase

CASE STUDY

CLIENT

SAFEGUARD

INDUSTRY
Construction

PRODUCTS
Rollbase

SUMMARY
With Progress Rollbase, SafeGuard is able to quickly develop cutting-edge software for the construction sector that addresses key industry needs.

Challenge

Construction enterprises suffer from a significant divide between planning and execution. This divide originates from a major communications gap between the management and the on-site workers. If managed well, closing this divide can translate into millions of dollars in potential savings for the company and billions for the industry itself.

Construction sites are complicated and involve collecting, tracking and transferring large quantities of information from the workers on the site to the management company in the office. Management constantly requires up-to-date information about their various sites to empower everyday decision-making, which involves everything from people to equipment and materials.

These managerial decisions need to then be transformed into operational instructions and transferred back to the worker on the site for execution. This is a cycle that continues until the project reaches its (hopefully) successful completion.

Today information is transferred from the workers to their on-site managers, who then need to commit it to writing before transferring the information to the corporate office where it can be entered into software systems (e.g., ERP), analyzed and submitted to management for decision making. This process creates a communication gap where data is lost, misreported or simply not collected and reported.

Solution

SafeGuard is a software platform for the management and control of construction sites. SafeGuard eliminates the communication gap by enabling a direct data and information flow from the on-site worker to the off-site management team.

The SafeGuard platform is composed of three intertwined parts:

1. On-site—mobile applications and internet-enabled sensors that are used to collect data in the construction site

2. Cloud-based smart-system—an advanced system of algorithms that analyzes and creates actionable notifications based on the collected data

3. Performance management—an off-site system to inform management and enable intelligent decision making

To develop this expansive software platform, SafeGuard leveraged Progress® Rollbase®. Rollbase empowered Safeguard to speed up the development of the different applications that comprised the software platform, enabling the company to quickly move from proof of concept to commercialized applications. SafeGuard was able to extend these applications across all mobile channels with native functionality.

"Our applications are our DNA, so we wanted to make sure we were developing the solutions we originally envisioned," said Izhak Paz, CEO and Owner, SafeGuard Applied Innovation. "Usually, to get that flexibility, you need to do a lot of heavy coding. Rollbase gave us the flexibility to create what we wanted with the added advantage of it being a low-code platform."

"Rollbase gave us the flexibility to create [the application suite] we wanted with the added advantage of it being a low-code platform."

Izhak Paz, CEO and Owner, SafeGuard Applied Innovation

Results

SafeGuard brought its complete software platform to life in just 14 months, going from a proof-of-concept to a fully functioning commercialized application suite that's used at 130 construction sites across Israel—and growing. As the construction industry continues to evolve and new needs emerge, SafeGuard is able to respond quickly and develop new applications from prototype in a matter of weeks.

"Other technologies were just technologies, Progress enabled us to be a business," Paz added. "The flexibility of the business model was an unbelievable advantage and allowed us to enter into a royalty model. The barrier to entry was low, the technology was amazing and the go-to-market was fast."

Safety has always been core to SafeGuard's vision. SafeGuard's technology closes the gap between planning and execution in the construction industry through daily measured safety, quality control and other key performance indicators. By being able to quickly develop cutting-edge solutions that address real pain points faced by the industry,   enables clients to operate more effectively by eliminating the communication gap, which simultaneously improves safety at construction sites as well.

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About SafeGuard Applied Innovation:

Founded in Jerusalem in 2009, SafeGuard is a construction tech company that develops solutions to improve the managerial and financial effectiveness of construction projects through safety and control. SafeGuard is the leading construction tech company in Israel, with proven market traction.

Visit Website

https://safeguard.co.il/

About Progress

Progress (NASDAQ: PRGS) offers the leading platform for developing and deploying mission-critical business applications. Progress empowers enterprises and ISVs to build and deliver cognitive-first applications that harness big data to derive business insights and competitive advantage. Progress offers leading technologies for easily building powerful user interfaces across any type of device, a reliable, scalable and secure backend platform to deploy modern applications, leading data connectivity to all sources, and award-winning predictive analytics that brings the power of machine learning to any organization. Over 1,700 independent software vendors, 100,000 enterprise customers, and two million developers rely on Progress to power their applications. Learn about Progress at www.progress.com or +1-800-477-6473.

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