

# Finance process automation for a construction company



**Client:** a mid-sized construction company specializing in commercial projects.

## 1. Challenge

The client faced several critical challenges in managing its financial processes:

### Inefficient invoice processing:

The finance team struggled to process invoices promptly, causing delays in payments to suppliers.

### Error-prone manual processes:

Reliance on spreadsheets for financial data management led to frequent errors.

### Limited visibility:

Without a centralized system, tracking contract statuses and supplier onboarding was cumbersome and time-consuming, leading to operational inefficiencies.

### Resource constraints:

The finance team was overwhelmed by administrative tasks, limiting their ability to focus on strategic financial planning and analysis.

## 2. Solution

**ZONE3000 implemented a finance process automation solution tailored to the construction company's needs:**

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### Automated workflows:

Workflows for invoice processing and supplier onboarding were automated, significantly reducing manual input and increasing efficiency while ensuring compliance with financial regulations.

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### Integration with existing financial applications:

The automation solution was designed to work alongside the client's existing systems, ensuring seamless data flow and interoperability.

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### Centralized digital repository:

A centralized digital repository for contract management was created, integrating with existing document management systems to enhance accessibility and tracking.

## 3. Technology used

 **django**

### Backend framework:

**Django** for robust API development and seamless integration with existing financial systems.

 **React**

### Frontend framework:

**React** for a responsive and user-friendly interface that enhances user experience and allows for dynamic content updates.

 **Microsoft SQL Server**

### Database:

**Microsoft SQL Server** for reliable data storage and management, supporting complex queries and financial transactions.

## 4. Result

The implementation of the finance process automation solution delivered significant improvements:



### Increased efficiency:

The time taken to process invoices was reduced by 68%, allowing the finance team to focus on strategic initiatives.



### Improved accuracy:

The error rate in financial data entry decreased by over 84%, greatly enhancing compliance and reducing discrepancies.



### Enhanced visibility:

The finance team gained real-time visibility into contract statuses and supplier onboarding processes, improving decision-making and supplier relationships.



### Cost savings:

Automation led to an estimated annual savings of \$120,000 by reducing operational costs associated with manual processing and errors.



This case study illustrates how **ZONE3000 successfully leveraged finance process automation** to enhance the financial operations of a mid-sized construction company, improve accuracy, and achieve significant cost savings while maintaining the integrity of its existing software infrastructure.