

# Konverge Case Study

## Overview

Modernizing  
Project  
Estimations for  
a Construction  
Firm

## The Challenge

A construction firm specializing in building rehabilitation faced inefficiencies due to an outdated estimation application built in Microsoft Access 1997.

Key pain points included:

- No centralized, modern platform for project estimates
- Limited support for multiple users and data integrity
- Difficulty scaling or integrating with future systems

The organization needed a new system that could replicate their legacy functionality while modernizing the interface and architecture.

## Contact Us



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## Our Solution

Konverge collaborated with the company to replace its legacy estimator with a fully web-based solution. Built using .NET and SQL Server, the application included:

- **Role-based access:** Admin and estimator user roles for secure data entry and management
- **Estimation workflows:** Filter, sort, and archive project estimates with templated reuse
- **Calculation engine:** Auto-compute dimensions, volumes, costs, and margins
- **Cost magnifier tool:** Suggest pricing based on past similar project data
- **Report exports:** Generate field work orders and summaries in PDF or CSV formats
- **Database controls:** Manage rate libraries and reusable assemblies

## Key Features

- Web-responsive interface with support for all major browsers
- Smart project filters by location, timeframe, and type
- Project templates and copy functionality for speed and consistency
- Data validation and change tracking
- Admin module for rate and assembly management

## Business Outcomes

- Increased efficiency and accuracy in project estimates
- Improved usability and user adoption through a familiar UI design
- Enhanced control over project data and estimation processes
- Reduced risk and dependency on legacy software systems



## Why it Matters

Construction companies rely on accurate, agile estimation tools to win bids and plan effectively.

This engagement demonstrates how legacy systems can be modernized with minimal disruption and maximum business impact

***“Upgrading legacy tools isn’t just about modernization. It’s about building confidence in every quote your team delivers.”***

*— Sonia Couto, Managing Director, Konverge Digital Solutions*

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