



**FORTY8FIFTY**  
LABS

a verinext company

## CASE STUDY

# Optimizing Invoice Processing with Custom Cloud Solutions

## Education Staffing Firm Accelerates Invoice Processing and Enhances Scalability with Forty8Fifty Labs' Custom Application Development

This national personnel management firm provides substitute teachers, administrators, and other staff to school districts across the country. As the company expanded through acquisitions, it needed a more efficient and scalable solution to manage its invoicing process, which had become a bottleneck for operations.

### By The Numbers

**14M transactions** processed per year.

**10,000+ invoices** generated annually.

**1M+ invoice line items** managed per year.

**35% reduction** in manual invoice adjustments.

**Up to 12 hours reduced to 40 minutes** for invoice processing.

### Key Takeaways

- ✓ Invoice processing time decreased from up to **12 hours to just 40 minutes**, improving efficiency and reducing operational costs.
- ✓ By implementing a modernized, scalable invoicing system, the staffing firm can now **seamlessly integrate new acquisitions** and ensure continued business growth.
- ✓ With automation to **reduce manual invoice adjustments by 35%**, resources are now freed up for other strategic projects and overall financial accuracy is improved.

## ✕ Challenge

The education staffing firm traditionally relied on a legacy Oracle NetSuite system for generating invoices, but the process was slow, inflexible, and costly. The system took between 8 to 12 hours to process invoices, requiring significant manual intervention—nearly 35% of invoices needed manual adjustments. Additionally, the company had to pay Oracle for any required changes, limiting agility and driving up operational costs.

As the education staffing company grew, both organically and through acquisition, it went from a \$100 million company to over \$1 billion and inefficiencies became even more pronounced. The company needed a modernized, scalable invoicing system that could support its rapid expansion and integrate seamlessly with its financial operations.

## ! Solution

The growing education staffing company engaged Forty8Fifty Labs, a Verinext company, who was a trusted partner that had previously developed a data processing solution for them years earlier. Leveraging their deep understanding of the organization's business processes, Forty8Fifty Labs designed and implemented a custom, cloud-based invoicing application built for flexibility and scale.

The project began with a four-week rapid design phase to assess requirements and estimate implementation costs. From there, the team moved into full-scale custom application development. The solution was built on AWS using a modern architecture with serverless computing, with Node.js handling backend processing and Next.js supporting a dynamic user interface. The system was designed to integrate seamlessly with Oracle NetSuite while incorporating automated workflows to streamline invoice generation. Additionally, the solution was built to support the education staffing firm's ongoing acquisitions, ensuring that new business units could be migrated into the system smoothly. By modernizing invoice processing, the new architecture significantly reduced processing time from up to 12 hours to just 40 minutes.

## ✓ Results

The implementation of the new invoicing system brought significant improvements in efficiency, scalability, and cost savings. Invoice processing time was drastically reduced, allowing the personnel management company to generate thousands of invoices in just 40 minutes instead of the previous 8-12 hours. The need for manual adjustments dropped significantly, freeing up internal resources and improving overall accuracy. The new system's flexibility also allowed the staffing company to incorporate new acquisitions seamlessly, ensuring sustained efficiency as the business expands. Additionally, the organization now has full control over modifications to its invoicing processes, eliminating its dependency on external vendors and reducing operational costs.

Following the success of the invoicing platform, the national K-12 staffing leader is exploring additional projects with Forty8Fifty Labs to modernize other business processes. The partnership continues to evolve, supporting the company's digital transformation journey as it expands its leadership in the K-12 staffing sector.

### Unlock Efficiency and Scalability with Forty8Fifty Labs

Transform your operations with custom solutions that streamline processes, reduce costs, and enhance scalability. Let us help you modernize your systems for improved speed, accuracy, and growth.

**CONTACT US TODAY TO GET STARTED**