

## USE CASE

# Job Hazard Analysis

A leading provider of construction, maintenance, and design solutions for the electric, gas, and telecommunication industries turned to TrueContext for assistance with its Job Hazard Analysis (JHA) process. The company wanted a way to assess and record the environmental health and safety of a workplace before field technicians started work.



- ✓ Seamless, widespread deployment
- ✓ Better compliance & audits
- ✓ Increased productivity
- ✓ Enhanced safety training
- ✓ Improved data capture

### **REGULATORY COMPLIANCE & REPORTING**

The company must comply with OSHA's (Occupational Safety and Health Administration) stringent regulatory requirements. It sought a solution to ensure that rich data was accurately captured, transmitted, and stored.

### **ENSURING THE SAFETY OF ALL PERSONNEL**

Given the need to reassure large utilities and telecom companies that personnel working on their sites are safe and following standard industry safety protocols, the company needed a way to easily incorporate personnel safety into all forms used in the field.



# The challenge

### **DIVERSE SUBSIDIARIES & LARGE WORKFORCE**

With a large number of diverse subsidiaries providing construction, maintenance, and engineering solutions across electric, gas, and telecommunication industries, the company required a solution that could be scaled seamlessly across its six subsidiaries and easily adopted by employees and third-party contractors.



### **SAFETY TRAINING REQUIREMENTS**

The company conducts pre-employment safety education, training workshops, jobsite coaching and gives each employee “Stop Work Authority” to mitigate safety issues. It needed a way to scale safety-related forms to address existing issues easily.

### **TIME CONSUMING DATA COLLECTION**

Technicians used pen and paper to capture information in the field, which staff then input into Google Sheets. Related information was manually uploaded and stored in Google Drive. The organization sought a software solution to enable technicians to capture data easily and accurately.

# The challenge

### **SERVICE IN REMOTE LOCATIONS**

Many assets the company’s field technicians work on are in remote areas with poor or no internet connectivity. It sought a solution to help field technicians easily capture data offline to ensure a lack of internet access wouldn’t affect the quality of data captured.

# Outcomes

With TrueContext, the leading provider of end-to-end infrastructure solutions to electric, gas, and telecommunications customers nationwide has improved its JHA process. They have generated positive business outcomes in several key areas:

## ▶ SEAMLESS, WIDESPREAD DEPLOYMENT

The company has successfully scaled TrueContext's solution to six of its subsidiaries which have submitted over 92,000 forms in the last six months alone. Staff now rapidly deploy complex forms within two to three days.

## ▶ COMPLIANCE AND AUDITS

TrueContext keeps the company compliant with OSHA's stringent regulatory requirements. It reduced the organization's DART (Days Away, Restricted, or Transferred) rate by 200% and TCIR (Total Case Incident Rate) by 300% within a short time. The company has met its goal of zero accidents and injuries and based on its positive scores, successfully signed a consulting contract worth \$30 million.

## ▶ INCREASED PRODUCTIVITY

TrueContext has unleashed digital transformation with the organization. The company has successfully transitioned away from paper, improving technician productivity by 78%.

## ▶ ENHANCED SAFETY TRAINING

With the ability to conduct pre-employment safety education, training workshops, and jobsite "daily toolbox" coaching using TrueContext, the company is now set to easily scale safety-related assets to meet current issues in real-time.

## ▶ IMPROVED DATA CAPTURE

TrueContext ability to capture data offline has been a significant contributor to improved data capture as many of the company's assets are located in remote areas.



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