

Customer:

Large Mechanical Contractor with regional offices in multiple states in USA

Customer Size:

Over 1,000 employees

Country or Region:

USA in 41 States

Industry:

Mechanical construction and engineering

Customer Profile:

Large mechanical contractor with annual revenue \$250,000,000+

Services:

Mobile Solutions – Smartphone Mobile Forms

Safety site inspections

SMARTPHONE MOBILE FORMS – SAFETY INSPECTIONS

Situation

Client has Regional Safety Inspectors and Site Superintendents that conduct construction safety inspections on 100+ jobs. The site level safety inspections are conducted daily with periodic inspection by the Regional Safety Inspectors.

The inspections are completed on paper forms, signed, and faxed to a national processing center with three (3) data entry clerks for data scrubbing and keying into a centralized safety tracking database. The safety inspection forms are then faxed to the appropriate job site staff for action.

Actions

A Smartphone Mobile Solution was developed for the Safety Inspections. Deployment of the Mobile Forms in two phases: 1) stand-alone Mobile Form (email / fax) to validate functionality, and 2) XML transfer of Mobile Form data into their safety tracking database.

An investigation of other mobile safety solutions were investigated; all were much more costly and were limited to the mobile forms in the solution set whereas the DCAT had unlimited forms capabilities.

Results

Deployment results in an immediate reassignment of 2 of the 3 data entry clerks; the third to remain to oversee data integration, performed the various reporting function, and with added safety analytics and QA functions. The estimated annualized labor cost reduction, fully burdened, ~\$96,000. The cost of the phase 2 mobile form safety inspection deployment first year ~\$11,300 and annually thereafter ~\$6,300. Moreover, the dispatch of the completed safety inspections are now sent instantly – no lag for follow action(s).

Scorecard

Labor cost reduction ~\$96,000.

Year 1 Cost DCAT (21 Inspectors) + Integration Cost - **\$11,300**

Year 1 ROI = 849%, Simple Payback – 1.41months

Stabilized annual cost for national deployment to safety inspectors \$6,300 with an annual cost reduction of \$96,000, annual reduction of **\$89,700. ROI (Post Year 1) = 1,024%**

For more information about other

RD³ Mobile Solutions

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www.RD3inc.com

Service@RD3inc.com