



VSDS Case Study: Cutting Time and Costs in Survey Management

Managing large volumes of survey data manually creates hidden costs and slows operations. This site faced significant inefficiencies, with hours lost to data entry, handling, and retrieval. VSDS provided a fully digital solution that streamlined workflows, reduced labor, and improved accuracy.

01 THE CHALLENGE

Before adopting VSDS, the site relied entirely on manual, paper-based survey workflows. Over ten thousand surveys were recorded each year, requiring more than seventeen hundred labor hours just for data entry. Plan views added another six hundred hours. Handling and archiving paper surveys consumed eight hundred hours, and retrieving past surveys or plan views took more than eleven hundred hours annually.

The manual process cost well over one hundred seventy thousand dollars a year and created bottlenecks that slowed field operations and compliance reporting.

02 THE SOLUTION

The manual survey process created delays and bottlenecks across operations. VSDS streamlined every step with a fully digital workflow:

- Surveys that once took ten minutes were reduced to five minutes
- Plan views that required fifteen minutes now take just one
- Handling and archiving time was eliminated entirely
- Retrieval of past surveys dropped from hours to minutes
- All survey data is captured in a structured database for consistency
- Users can visually annotate maps and enforce approval workflows
- Fast access to historical records ensures reliable reporting and compliance

03 THE BENEFIT

The site realized estimated annual savings of \$180,000 across survey processing, plan view creation, survey handling, and data retrieval. Staff were able to perform more accurate work in less time, regulatory reporting became more reliable, and the organization gained a consistent, scalable method for managing radiological survey data across operations.

Working with S&W Technologies means you're not just buying software, you're gaining a dedicated team of experts who design, deploy, and support your solution from day one.

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