

S&W
Technologies



VSDS™
(Visual Survey Data System)



Case Study

Duke Energy Oconee site



Business Problems

(Before VSDS Electronic Survey System)

- Manual Survey Process
- Manual Plan Views
- Manual Handling of Surveys
- Manual Survey Retrieval Process



Business Problem

Manual Survey Process

- Over 10,000 surveys performed and recorded on paper per year
- Over 1,700 man hours associated with manually recording surveys on paper
- Over **\$78,000** of annual labor costs associated with manually recording surveys on paper



Business Problem

Manual Plan Views

(General survey condition summaries for workers)

- Over 2,500 plan views created per year
- Over 640 man hours associated with manually creating plan views
- Over **\$30,000** of annual labor costs associated with manually creating plan views



Business Problem

Handling of Paper Surveys

- Over 10,000 paper surveys handled per year
- Over 800 man hours associated with handling of paper surveys
- Over **\$20,000** of annual labor costs associated with handling of paper surveys



Business Problem

Manual Survey Retrievals

- Over 700 surveys retrieved per year
- Over 2,500 plan views retrieved per year
- Over 1,100 hours spent on retrievals per year
- Over \$50,000 in labor costs associated with manual retrievals



Solution with VSDS

1. Electronic Survey Process
2. Electronic Plan Views
3. Electronic Handling of Surveys
4. Electronic Survey Retrieval Process

Time savings with VSDS*

10 minutes per survey to 5 minutes
15 minutes per plan view to 1 minutes
5 minutes per survey to 0 minutes
20 minutes to 3 minutes

*please note that these figures represent averages



Solution and Savings with VSDS

	Annualized Savings*
•Electronic Survey Process	\$38,000
•Electronic Plan Views	\$28,000
•Electronic Handling of Surveys	\$20,000
• <u>Electronic Survey Retrieval Process</u>	<u>\$42,000</u>
Total annual Savings	\$128,000

*please note that figures shown are approximations