SCRIBE
Environmental Data Management

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Environmental Response Team
Overview

- Document Field Sample Collection
- Capture Spatial Data (GPS)
- Generate Sample Labels and COC
- Track Field Samples to Labs
- Import Lab Results (EDD)
- Query Database and Produce Reports
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Environmental Data Management
System Overview

Data Applications

Satellite
GPS
Lat/Long
Handheld/PDA
Complete Field Data
PDA Import

Monitoring Data

Sampling & Monitoring
Physical Samples
Result Data (EDD)

Handheld/PDA Import

MySite.MDB
database

SCRIBE Data

Network Station

Excel/Quattro
Network Station

SAS
Network Station

GIS
Network Station

Word/WordPerfect
Network Station

Models
Network Station
Using Scribe.NET for Data Communication
Data Collection Tools

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Data Integration

- Back-end Microsoft Access Database
- Scribe can import a variety of data
  - ADR
  - Forms II Lite
  - SEDD
  - NARAC
  - Any .CSV or spreadsheet format
- Scribe can provide data to other resources
  - ArcGIS
  - Oracle Database Applications
  - Word Processing and Spreadsheets
Queries

- Custom Data Views are site-specific queries added to the database
- Accessible with one click via the user interface
- Useful when a specific question is asked repeatedly of the data
- Example: Results above an action level
Import Scripts

- Mappings of imported data can be saved within the database
  - Eliminate the need to re-map data with subsequent data from the same source
  - Saves time and provides consistency
- Useful for documentation purposes especially when bringing in historical data
Sections of Scribe that are not used can be turned off to streamline the presentation of the data

Each section of Scribe can accommodate many different layouts

Allows users to re-caption, arrange and display fields according to their needs

Very useful for COCs and delivering data to other systems
Customizations in a previous Scribe project i.e. layouts, queries, and import scripts can be brought forward into new projects.

Custom templates can be developed based on site type that will automatically incorporate layouts, import scripts, queries and picklist values:
- SVI Template
- Groundwater Template
- Activity-Based Sampling for Asbestos Template
Division of Labor

- Many times work on a site is broken up by type
  - Field crews deal with samples
  - Analytical information is delivered to a QA group
- Scribe.NET allows you to maintain multiple projects for the same site and then join that data in a master subscription
- A good way to accommodate multiple contractors or roles on a large project
- Example: WTC Residential Survey

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Site Transition

- Scribe is a known data format that the Removal program is required to use
- As sites transition from removal to remedial, make sure you get the complete Scribe data package in addition to hard copy reports and the site file
- Build on what was done instead of starting from scratch
Deliverable

- Require Scribe as a project deliverable in addition to a report
- Good compromise when dealing with an established site that already has a data system in place
  - They can continue managing their data but the data deliverable to EPA is consistent and uniform
- Allows EPA to implement systems to combine Scribe data from many sites for other uses (GIS, regional databases, etc.)
More information

- Scribe website
  - http://www.epaosc.org/Scribe
- Scribe.NET website
  - http://www.epaosc.org/SCRIBE
- ERT Software Support
  - ertsupport@epa.gov
  - 24/7 Hotline Number: 1-800-999-6990

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