

# **ePermitting/Mobile Office/Remote Access**

**Geospatial Conference 2008**

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# **ePermitting/Mobile Office/Remote Access**

## **Agenda**

**Presentation based upon electronic permitting, within the state of Kentucky, as related to SMCRA.**

- **Implementation perspective**
- **What is ePermitting in Kentucky?**
- **Implementation Considerations For ePermitting**
- **What is in place today for ePermitting**
- **Benefits realized**
- **Goals**
- **What is implemented on the Enforcement side**
- **Demonstrations**
- **Questions**

# ePermitting/Mobile Office/Remote Access

## Scope/Perspective

- ~1900 active inspectable units
- ~105 inspectors/chiefs
- ~70 reviewers/supervisors
- ~2000 applications received per year
  
- Inspectors have the latest tablets
- Reviewers have latest desktops w/dual monitors
- Each office has at least one viewing station and plotter.
- Terminal server to assist with remote access
  
- 1996 - 50 “dumb terminals” to access SMIS.
- 2008 – Access to live information from any Internet connection.
- Enforcement nearly 100% electronic
- Significant increase in electronic participation in Permitting since initiative started 18 months ago.

# ePermitting/Mobile Office/Remote Access

## What Is Electronic Permitting in Kentucky?

- Started in 1996 with ~\$200K from OSM and Kentucky legislature
- Initial project scope was workflow, letter generation, scanning
- EMPOWER KENTUCKY, initiated by Governor Patton in 1998, as one-time monies to incorporate technology into state business. ~\$4.5 million, over 4 years, for infra-structure, computers, software.
  - ✓ “Grow Your Own” implementation
  - ✓ Expanded workflow into technical review
  - ✓ Initial project scope expanded to include:
    - Implemented a website
    - Implemented eInspections
    - Implemented ePermitting
    - Implemented Mobile Office With Available Technology
      - Laptop, Truck Mount, Printer, GPS, Digital Camera

# **ePermitting/Mobile Office/Remote Access**

## **ePermitting Implementation Considerations**

- **Groups/customers are industry, reviewers, inspectors, citizens**
- **Minimize implementation cost, support, and long-term maintenance**
- **Assumption that a permit is made up of many pieces (i.e. maps, word processing, matrixes, etc.**
- **Document Management system could not interface the multiple pieces for easy navigation.**
- **Implemented with MS Office and PDF formatted files.**

# ePermitting/Mobile Office/Remote Access

## ePermitting Implementation Today

- **FTP site for upload by industry**
- **Reviewers have latest desktop, with dual flat-panel monitors**
- **ePermit is completely electronic. If reviewer/inspector wants a map printed, each office is equipped with a plotter.**
- **First Kentucky agency to be approved for permanent electronic archival. Ownership and Control file room completely electronic.**
- **Inspectors have mobile office and remote access.**
- **Each office has view stations for public access.**
- **Comparison software**

# **ePermitting/Mobile Office/Remote Access**

## **Benefits Realized - State**

- **Central application**
- **Simultaneous review**
- **Cost/Time savings**
- **More efficient use of resources**
- **Better security/control of documents**
- **More efficient and effective communication with other agencies**

## **Benefits Realized - Industry**

- **Central application**
- **Cost/Time savings**
- **Ease of preparation**
- **ePermitting sells itself**
- **Interaction with staff (walk example)**

## **Benefits Realized - Citizen**

- **Central application**
- **Cost of getting information is reduced.**

# **ePermitting/Mobile Office/Remote Access**

## **Short-term Objectives**

- **Minimize Certified Mail**
- **Allow For ePayment**
- **Automatic eMail of Letters**
- **Automatic eMail of Milestones**

## **Long-term Objectives**

- **Backfile permit file room**
- **Reconcile field office file rooms to document management**

# ePermitting/Mobile Office/Remote Access

## eInspections

- Download From SMIS for populating reports
- Upload reports/photo sheets
- Information from reports uploaded into SMIS
- eSignature

## Inspector Tools

- Tablet
- Camera
- GPS
- 3-in-1 Printer
- Remote Access

- Information on Server

- Timekeeping

- ArcView

- Maps/Overlays

- Document Management

- Complaints

- Workflow

- Capturing GIS Data

- Vehicle Tracking

- SMIS

- eMail

# **ePermitting/Mobile Office/Remote Access**

## **Demonstration**

- **Building an ePermit**
- **What the Reviewer/Inspector/Citizen Sees**
- **Remote Access**

# SEDCAD 4 for Windows

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**897-5061, Amendment #4**

**BP 8**

**10 yr During Mining**

# ePermitting/Mobile Office/Remote Access

## Questions

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