Miria Systems
Source Testing & Monitoring

Partner Solution

- **Target Industries**
  Government

- **Business Applications**
  *Environmental Compliance of
  Air Quality*

- **Products**
  *IBM FileNet Business Process
  Manager
  IBM FileNet Capture Professional
  IBM FileNet Content Manager*

Business Challenge

In their role of monitoring, testing, tracking and evaluating compliance with emissions standards, State Department of Environmental Protection (DEP) agencies must collect, analyze and maintain records for each device or facility that emits regulated substances into the atmosphere.

State and Local Environmental Agencies share a common goal. ..

To be stewards of the environment and to protect the public health, by providing information to the public, and ensuring compliance with environmental policy.

To accomplish this mission, DEPs must review, evaluate and cross-reference a variety of documents including permits and/or plan approvals, current and historical test protocols, observation reports and test results, and correspondence submitted by the source facilities.

Existing paper-based, manual procedures and data-rich reporting present a number of challenges when it comes to the oversight of environmental compliance and air quality standards including:

- Establishing and maintaining standard processes for the testing, monitoring, reporting and control of air quality and emissions

- Tracking and reporting review progress, distributing content and updating multiple tracking/ reporting systems

- Requesting, tracking and implementing information updates among constituents

- Providing timely and accurate updates and clarifications for regulated facilities and monitoring agencies

- Assigning of resources and balancing of workloads

Additionally, paper-based, manual checklists and documentation must be transcribed into observation memos for subsequent processing, forcing the protocol review process to manually sort through multiple data sources, and preventing time-sensitive reporting and notifications.

Solution

Miria Systems has developed an environmental solution to help DEPs:

- Streamline the reporting process
- Speed up the review and approval process

- Eliminate unnecessary steps, making it easier to do business with the state
- Increase revenues through timely permit issuance and fee collection

Source Testing and Monitoring is an Air Quality solution to help state environmental protection agencies manage the process of testing the emissions from various polluting sources to ensure that these facilities are operating within the constraints of the currently established emissions standards.

This solution allows testers and facilities to submit their protocols, tests, observations and reports to the state agencies, either through paper or electronically; and automatically initiate the review and monitoring process within the air quality unit.

Value Proposition

Miria's environmental compliance solution is designed to increase the efficiency of the source test process, and improve the quality and timeliness of information made available to the regulated community and other constituents within a DEP.

Benefits include:

- **Compliance** – automated workflow facilitating processing, enforcing standard practices and providing detailed tracking, reporting and distribution of source testing process documentation

- **Management Tools** – providing supervisors and managers with a comprehensive overview of processing status and observations based on workload, areas of expertise or other factors

- **Efficiency** – automated tracking, status identification, and on-line concurrent access to current and historical source testing process documentation for each regulated facility

- **Portal** – a Web-based user interface allowing manual and automated routing of pending transactions to the appropriate staff and managers for review and approval; and provides secured enterprise access for central and remote offices

- **Data Integrity** – integration with or replacement of current data repositories

- **Reduced Costs** – document copying and distribution occurring automatically within the system, eliminating the need to mail paper documentation

Company Description

Miria Systems has proven capabilities to automate, streamline, and improve business processes to help organizations drive productivity and maintain compliance. Solutions include enterprise content management (ECM) and business process management (BPM) for State and Municipal Governments, Asset Management for Manufacturing and Energy companies, and Managed$Pay™ for automating Accounts Payable processing. Miria Systems is an IBM Software ValueNet Business Partner, and uses this platform as the basis for custom and packaged solutions.

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