



INTEGRATED PROCESS SAFETY DATA MANAGEMENT SOLUTION

Get the best with DuPont Sustainable Solutions

Measurement is an indispensable part of fine-tuned management. The ability to process real-time access to relevant, precise process safety data and convert it to information and insights that facilitates decision making, improves the execution of best practices in process safety.

ENABLING PROCESS SAFETY IMPROVEMENT THROUGH MEASUREMENT

The importance of metrics and performance monitoring in any improvement initiative is well understood and appreciated. This applies no differently to process safety. To drive improvement in process safety, an effective performance review process, supported by a robust data collection system, is crucial. Dashboards and metrics must be designed and selected carefully to monitor the right activities and equipment, and convey signals that trigger appropriate actions.

Unfortunately, many organizations struggle with the performance management process. Several causes commonly recur. They frequently include the ineffective selection of metrics, unproductive reporting formats, difficulty in collecting data, weak data analysis skills, an undisciplined review process, and the general insensitivity of the organization to the importance of data.

Several technologies are available to help organizations with data collection and reporting. Picking the right one that works for an organization is important. Designed and implemented properly, such a tool will be an effective enabler. Select the wrong one and adoption will be poor, leaving the organization frustrated and the value of the data in relation to the effort collecting it becomes questionable.

DSS DATA MANAGEMENT SOLUTION

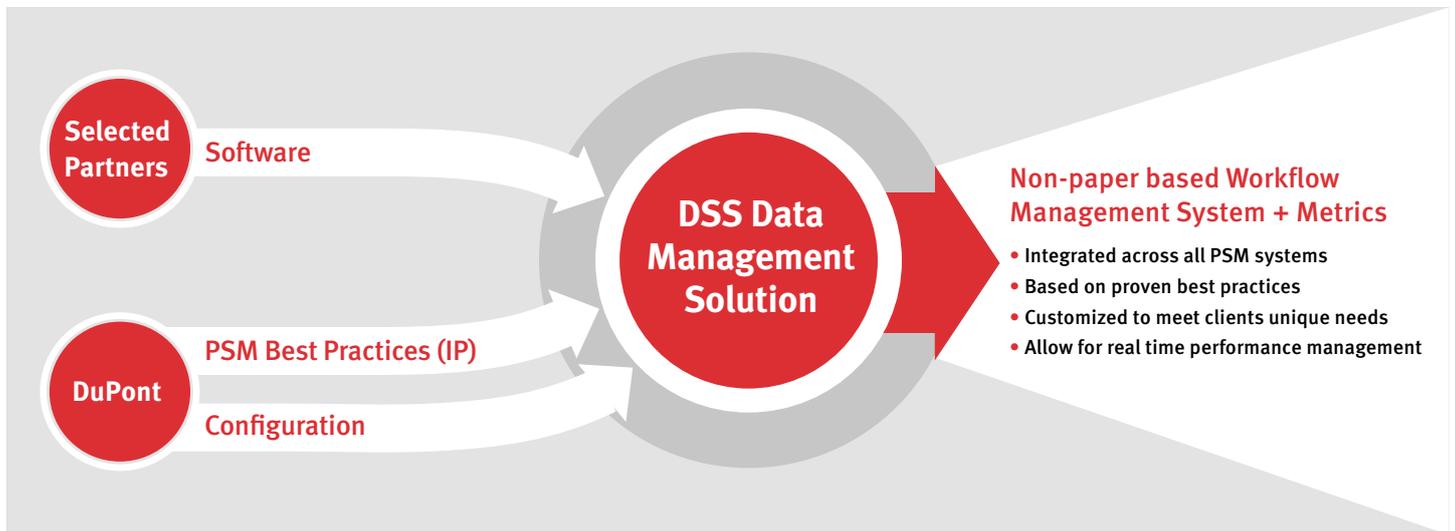
DuPont Sustainable Solutions (DSS) offers a comprehensive data management solution. In partnership with expert software providers, DSS offers a non-paper based, flexible workflow management system, configured according to DuPont's PSM best practices. Customized to meet specific client needs, this tool complements DSS consulting services. Unlike other systems, this real-time data collection tool takes into account all the different interrelated elements of PSM to help companies with performance reviews and improvement of process safety as a whole. This allows companies to manage all PSM elements with one system, simplifying the data collection process, while facilitating a more disciplined, holistic PSM execution.

It is common for an event associated with one element to trigger the execution of another. Take for example, an incident investigation. Usually the resulting findings will lead to a recommendation to change certain process steps. That will trigger a Management of Change process and possibly, a new Process Hazard Analysis. Before long, a number of PSM elements are involved.

With the DSS Data Management Solution, users can collect, monitor and use data relating to integrated PSM elements. That makes it easy to set in motion the workflow from one module to another.

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MAKING DATA EASY TO USE, EASY TO COLLECT

The DSS Data Management Solution is set up in such a way that data collection becomes part of the workflow. Clients no longer need to collect data specifically just for reporting purposes. All data is also reflected real-time onto the configurable dashboard, eliminating the time lag issues usually associated with recurring manual data collection. As all data relevant to workflow events is collected in one database, analysis and troubleshooting of undesirable trends (through built-in queries) also become more efficient.

Recognizing that the system is only as effective as its configuration, the implementation of the DSS Data Management Solution includes consulting services to ensure that workflows are configured according to available best practices, while meeting the client's process safety standard requirements and other specific needs.



Other services that DSS provides as part of the Data Management Solution include:

- Best practice workshop on metrics and performance management
- PSM workflows and IT system assessment
- Design and implementation of performance management processes
- Business process engineering/workflow design and integration
- Data analysis

ABOUT DUPONT SUSTAINABLE SOLUTIONS

DuPont Sustainable Solutions is one of 12 DuPont businesses. Bringing customers the benefits of an integrated global consulting services and process technology enterprise, it applies DuPont's real-world experience, history of innovation, problem-solving success, and strong brands to help organizations transform their workplaces and work cultures to become safer, more efficient and more environmentally sustainable. Additional information is available at: www.sustainablesolutions.dupont.com.

For more information on Process Safety Data Management Solutions, DSS Consulting services, webinars and seminars, call 1-80-532-SAFE (7233) or visit us at:

www.sustainablesolutions.dupont.com

