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aeSolutions'™ Safety Lifecycle Management Suite, aeShield™ V3.0 Arrives with New Features for Improved User Experience and Data Validation

Greenville, South Carolina, USA - February 10, 2014 **–** aeSolutions™ is proud to announce the release of aeShield V3.0, the latest version of their Safety Lifecycle Management platform. aeShield™ is a tool to help process safety management (PSM) companies design, execute and maintain critical protection layers to ensure they meet the requirements set forth in the LOPA. aeShield is as a comprehensive platform for executing a sustainable risk management program through automation of the safety lifecycle process for oil & gas, petrochemical, and specialty chemical facilities. Key new features in aeShield V3.0 include: New Journals, Lightweight Directory Access Protocol (LDAP) authentication support, Additional Test Plan Features and Data Entry Enhancements.

The Journal feature in aeShield V3.0 allows users to attach additional files with comments to multiple entities including test plans and SIL Verification calculations. The journal tracks who attached files and made comments and it provides a choice for the attachments level for example IPL, Assembly Group, Assembly, or Specific SIF. With the addition of LDAP authentication support, users are able to log in to aeShield V3.0 via Windows authentication instead of a form-based login which results in one less password to remember thereby improving the user experience. aeShield V3.0 includes additional Test Plan Details which provides information to field technicians how they should put a device into bypass and allow field technicians to fill in missing bypass information when necessary. Another solid feature in aeShield V3.0 is Automatic Naming Conventions to reduce data entry requirements throughout the application. Automatic Naming Conventions will enhance the workflow of aeShield by requiring less data entry, providing consistency across the application, and reducing errors. Edits are made in one area to propagate through the entire application and will provide users with a faster experience. These new features improve user experience and improve the quality of data in the system which in turn improves a facilities ability to execute, monitor, and sustain their safety lifecycle plan.

"aeShield V3.0 is not only a tool to execute the safety lifecycle, but also a tool to monitor and sustain the safety lifecycle," states Mike Scott, Executive Vice President for Process Safety for aeSolutions. "PSM companies are executing a safety lifecycle plan but they struggle with monitoring and sustaining their plan in order to effectively take corrective actions which is at the core of OSHA 1910 mandates with ISAS84 and IEC65111 standards. aeShield and in the included Health Meters raise the visibility of the safety status of your facility and enabled informed decisions to reduce risk and help make the world a safer place."

About aeSolutions

In business since 1998, aeSolutions is a complete supplier of performance-based process safety engineering and automation solutions. To fulfill a mission of continuously improving the safety performance of the process industry, they utilize proven processes to help ensure consistent project execution and help customers optimize production, quality, and safety. aeSolutions is committed to providing engineering services that enable their clients to sustainably own, operate, and maintain their process facilities.

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