Software & Information Technology

Manage Risk Across Multiple Facilities

Acuity is a cloud-based risk-management software program that assists with managing and monitoring information and assessment schedules across multiple facilities. It bolsters safety and security with tools to help define a risk-management system, set objectives and targets, audit performance, benchmark against goals, and present results in real time. It provides the status of the risk-management system performance throughout the plan-do-check-act cycle. The customizable dashboard displays key information to keep executives and managers engaged with each of their sites, scheduled assessments, and deadlines. Real-time data are available to personnel throughout the organization from the cloud-based system.
AcuTech
www.acutech-consulting.com

Software Models Carbon Capture and Storage

The gCCS modeling software is a carbon capture and storage (CCS) modeling environment that allows stakeholders across the CCS value chain to address issues of interoperability among different components to support design and operations decisions. It predicts interactions among CCS system components with engineering-level models for conventional power generation (pulverized-coal-fired and natural-gas-fired), new generation technologies (gasification and oxy-coal), solvent-based carbon capture, compression, transport, and injection. The software provides a look at the complete CCS system at once to support amine plant operations, investigation of system operations, and analysis of interactions across entire carbon dioxide transmission networks with multiple sources and sinks. The software underwent an extensive validation and testing phase by over 20 industrial and research organizations in Europe, Korea, and the U.S.
Process Safety Enterprises Ltd.
www.psenterprise.com

Chemical Inventory Management Tool Provides Interactive Maps

This chemical management solution now includes a chemical inventory management feature that provides a visual representation of workplace chemicals. Drag-and-drop controls enable users to convert facility floor plans into interactive maps, on which they can instantly identify, move, and manage their chemical inventories. Multiple facility, floor, and department maps can be uploaded to a single account, and can be viewed from the eBinder for quick and easy access. Users have the ability to identify clusters of hazardous material, visualize dangerous chemicals in real-time to aide first responders, and prepare for disaster situations.
MSDSonline
www.msdsonline.com

Software Offers New Modeling Libraries

SystemModeler 4 provides expanded support for modeling libraries, standardized deployment of models to other simulation tools, and deeper integration with Mathematica. The addition includes access to the Library Store, where users can download new and relevant libraries for applications such as hydraulic fracturing, cooling, biochemical, and social systems. It also includes new built-in libraries for digital circuits, fast models for electrical and magnetic circuits, and heat tracking in mechanical systems. Integration with Mathematica has been enhanced with the ability to automatically create models from equations, control system models, or visual model diagrams.
Wolfram Mathcore
www.wolfram.com

Mobile App Displays Weighing Information

The ScaleNET IDS mobile app works with the ScaleNET WiFi weight transmitter to display weight on a mobile device. The user can view the scale weight directly on a mobile phone or tablet, and enter up to five customized lines of identifying information that can be emailed, text messaged, or saved as a note. A weight ticket is developed for each transaction that includes a ticket number, time, date, GPS location (if enabled), gross weight, tare weight, net weight, and identification information. The system provides wireless connectivity for bench scales, floor scales, portable platform scales, axle pads, tank/hopper scales, and compression load cells.
Cardinal Scale Manufacturing Co.
www.cardinalscale.com