

Software & Information Technology



Smartphone App Delivers Manufacturing Reports



SmartGlance is a software-as-a-service (SaaS) application that allows managers, engineers, and operators to access the most current process and equipment performance data from plant automation systems and data sources directly from their smartphones. SmartGlance is a native phone app, not a web client, that allows users to take advantage of the display features of touchscreen-based smartphones to access and scroll through reports. Users can manipulate tabular reports, bar charts, and pie charts, and can issue or share reports with co-workers via email. In addition, three security layers protect sensitive company data.

Invensys

www.invensys.com

Software Promotes Efficient Maintenance Management

FastMaint CMMS v. 5.3 allows managers to organize plant, facility, building, and fleet maintenance. Employees can access the web edition using a standard web browser, eliminating the need to install the software on every computer. Users can create templates for both unplanned and scheduled maintenance work orders. The software allows the user to create a work order, allocate resources, assign a project to the proper person, and track progress after an unexpected situation occurs. It also provides managers

Software Creates Intelligent Buildings, Smart Security

Niagara Enterprise Security Release 2.1 uses the NiagaraAX Framework to facilitate interoperability between all building systems for small- and large-scale applications. A step-by-step guided wizard provides basic setup instructions for a minimum system configuration. The software allows for intelligent buildings that use less energy, have lower operating costs, and contribute to sustainable environments. It integrates with existing building automation systems, including lighting and heating, ventilation and air conditioning (HVAC) systems, elevators, and fire systems. Updates permit users to integrate security components such as visitor management, access control, video surveillance, and intrusion. In addition, new reporting features allow users to automatically schedule a report, create a PDF, and then email the PDF file.

Tridium, Inc.

www.tridium.com

with the tools to organize preventive maintenance schedules for all equipment, vehicles, and facilities. By more effectively managing maintenance, the software can help the company to save time and money. The software's bar and line chart reporting formats are easy to read, and its new work order analysis reports allow users to plan and manage maintenance activities.

SMGlobal, Inc.

www.smglobal.com

New Release Adds ASME Codes and 3D Modeling

Intergraph PV Elite 2011 has been updated with new modeling capabilities for jacketed vessels, vapor belts, and

Collaboration Enhances Security System

The Pro-Watch security management software now works with the Niagara AX Framework from Tridium. The existing benefits of Pro-Watch include visitor management, access control, IP and video surveillance, intrusion, and communications such as intercom and mass notification technology. The Pro-Watch Notifier interface enables users to monitor Notifier fire events from a Pro-Watch command and control area, and the Alerton Building Automation Gateway interface enables security personnel to monitor and interact with building equipment using Pro-Watch. Both modules integrate with other building automation systems, such as secondary fire, lighting, and HVAC systems. Savings are realized due to shorter application development times and the ability to monitor everything from a single station.

Honeywell International, Inc.

www.honeywell.com

tubesheets with simple supports. The integrated 3D modeling allows jackets or vapor belts to be added as details on the main elements, with jackets spanning across element boundaries. This provides easier, faster, and more-accurate models, since it eliminates the need to manually transfer between separate vessel and jacket models. The welded joint between the tubesheet and the shell or the channel cylinders can be modeled, which can reduce stress and produce a more-economical design that meets code requirements. PV Elite also includes all of the updates in the ASME code for vessel engineering and design.

Intergraph

www.intergraph.com