MACHINE-TO-CLOUD APPLIANCE DELIVERS ENERGY MANAGEMENT DATA

Mitsubishi Electric Automation, in collaboration with ILS Technology, a Telit company, offers the e-Factory IoT Gateway, a machine-to-cloud (M2C) industrial appliance for Internet of Things (IoT) applications. The gateway can collect information about energy consumption and maintenance from various sources and provide a common data processing and cloud-transport methodology. The Internet-enabled gateway is powered by the DeviceWise IoT platform from ILS Technology for secure M2C connectivity and data transfers.

The gateway is said to improve information visibility and accessibility for energy management. According to the companies, the appliance offers the ability to macro-process data and transform it into actionable information prior to sending it to the cloud. Once the data is stored in the cloud, charts are automatically created to provide real-time visual key performance indicators. Using the gateway, customers can identify which facilities, production lines, work cells and shifts may be underperforming compared to other areas.

According to the companies, the gateway can help organizations reduce production costs and energy consumption while optimizing automated asset utilization. The cloud-based analytics can also help organizations shift to predictive maintenance from a reactive or preventive maintenance strategy.

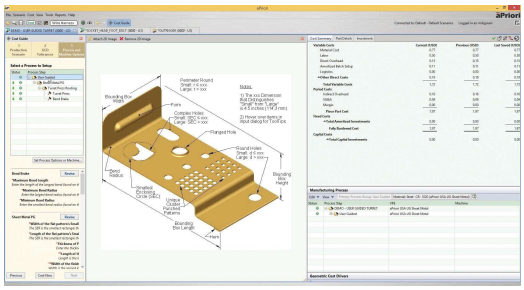
Mitsubishi Electric Automation, call 847-478-2100 or visit meau.com.

PRODUCT COST MANAGEMENT SOFTWARE IMPROVES COST MODELS

The latest release of the aPriori enterprise cost

management platform features more detailed cost estimating and more flexible controls to support internal cost management, as well as strategic sourcing and collaboration with suppliers. According to the company, aPriori 2015 R1 provides users with greater control to fine-tune cost estimates as well as supplier capabilities.

The software includes enhanced user management and access control with flexible, rules-based management of users to expand usage while complying with security requirements. Calculation of cost overhead has been improved with baseline cost estimates that calculate material; direct and indirect overhead; and selling, general and administrative expenses to provide a more accurate starting point for estimating purchased components. User-guided cost models enable



users to cost components made via progressive die, stage tooling, turret press and injection molding, as well as components that do not have CAD models. In addition, the machining cost model now enables out-of-the-box costing for a wider variety of parts with turned features. The model includes workpieces made from square or rectangular bars with features such as shafts, boxes and holes; down-hole components with off-center bores; and machining castings and forgings with turned features in non-parallel directions.

aPriori Inc., call 978-371-2006 or visit apriori.com.

For more information about systems and software, go to mmsonline.com/erp and mmsonline.com/cam

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