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Control Station to Feature Data Analytics Innovation at Rockwell Automation Event State-Based Control Loop Analytics Addresses Needs of Continuous and Batch Manufacturers

Manchester, CT – October 26, 2021 – Control Station will showcase its latest innovation in process analytics during Automation Fair hosted by Rockwell Automation. The newest release of PlantESP™ introduces state-based analytics which allows manufacturers to assess the full range of dynamic behavior associated with business-critical production processes. PlantESP's value now extends beyond continuous applications to address the unique needs of batch manufacturers.

PlantESP monitors PID control loops on a plant-wide basis, empowering manufacturing staff to proactively identify underperforming regulatory control systems and to isolate the root-causes that contribute to production inefficiency and unplanned downtime. The newest release of PlantESP includes a multifaceted logic utility for characterizing different production states within a process. Whereas most control loop performance monitoring (CLPM) solutions are limited to the simple control paradigms of either on-vs.-off or manual-vs.-automatic, PlantESP's utility supports the numerous and complex control states that are typical of continuous and batch manufacturing.

"The introduction of state-based analytics is an exciting development from a process analytics and optimization standpoint," shared Brett Beauregard, Director of Research and Development at Control Station. "With PlantESP's state-based capabilities manufacturers can now assess how individual PIDs regulate control throughout the various phases of a process. That enables new operational insights and creates opportunities for performance improvement particularly among batch manufacturers."

Control Station will highlight PlantESP next month during the Process Solutions User Group and the 2021 Automation Fair. Collectively, the innovations make PlantESP more advanced and easier to use than other controller monitoring solutions. An enhanced custom reporting feature is among numerous improvements that complements PlantESP's advanced state-based analytics capabilities. Additionally, a streamlined user interface simplifies solution configuration in addition to other common administrative tasks. The two Rockwell Automation events will be held in Houston, Texas during the week of November 8, 2021.

"PlantESP is steadily capturing greater share of the continuous manufacturing market, and the introduction of state-based analytics creates new opportunities for growth," commented Rick Bontatibus, Control Station's Vice President of Global Sales. "Whether operations are continuous, batch or hybrid, PlantESP is uniquely suited for providing valuable and timely insights."

PlantESP complements both regulatory and supervisory control solutions from Rockwell Automation. Through the application of advanced analytics PlantESP identifies negative trends related to controller performance. In particular, PlantESP simplifies the identification of common mechanical issues such as Stiction, reoccurring loop interaction and PID controller tuning challenges. These performance issues are common in continuous, batch, and hybrid manufacturing environments, and they are known to contribute to production inefficiency and costly unplanned downtime.

PlantESP is widely recognized as the leading, most intuitive CLPM solution. While integrating seamlessly with the FactoryTalk® Historian, PlantESP can leverage a production facility's existing process data by connecting to any commercial data historian using OPC-HDA, OLE DB, ODBC among other communications protocols. PlantESP applies a customizable hierarchy which allows licensees to configure the solution to match their control infrastructure. The customization follows the ANSI/ISA-95 standard for integration of enterprise control systems and addresses the unique needs of single-site, multi-site, and enterprise licensees. PlantESP supports the diagnostic and optimization needs of production facilities located on six continents and spanning the process industries. Control Station is recognized by Rockwell Automation as a Silver Technology Partner. For more information visit Control Station during Automation Fair in Booth 439.

About Control Station

Control Station empowers process manufacturers to increase production efficiency and throughput. The company's software-based solutions actively monitor and optimize plant-wide control loop performance.

The company's products are both highly innovative and award-winning. PlantESP™ is the leading CLPM solution for identifying and isolating issues that negatively affect control loop performance. Control Station's portfolio of LOOP-PRO™ products is recognized as the process industry's leading solution for PID controller tuning. It is the only controller tuning software that accurately models oscillatory and noisy process data.

Control Station's solutions are licensed to leading process manufacturers worldwide and they are available direct from Control Station and through its network of distribution partners. The company is headquartered in the United States.

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