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As a dairy or juice processor, you must balance dynamic market demands that require speed, responsiveness and agility with perennial business demands of efficiency, profitability and growth. The ever-increasing requirements of regulatory compliance, cleanliness, quality and traceability coupled with the need for cost-cutting and sustainability are driving many dairy and juice processors to search for new ways to optimize their business.

The answer to these challenges is based on Totally Integrated Automation (TIA) – an integrated software and hardware platform for both primary processing and secondary packaging applications. In addition to the inherent advantages of TIA, Siemens also provides a number of pre-engineered “tool sets” that are specifically focused on the dairy and juice industries. Combining the automation layer with our manufacturing Execution System (MES) can create a seamless integration of discrete control and process automation that can lay the needed foundation for meeting the marketing challenges, regulatory compliance, track/trace/genealogy and sustainability issues that dairy processors face.

Dairy and juice product profits can leak from almost anywhere across complex production plants. Some plant costs, like milk and energy, are at the market’s mercy, while others need tight controls to keep them in predictable limits. Other factors demand production flexibility. Our “Intelligent Dairy Plant” approach is a technology-enabled business model that can provide operators with real-time visibility to maximize efficiency, gain flexibility and conserve limited resources while providing a range of decision support tools to assist management as they optimize their business.

In the balancing act of market demands versus business demands, synergies gained



via integrated MES, primary process control and automated packaging lines can lay the needed foundation for meeting the marketing challenges that dairy and juice processors face.

Please visit www.usa.siemens.com/dairy to learn more and download the Dairy/Juice Whitepaper.

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