

Food & Beverage

High commodity prices and corporate earnings continue to fuel mergers and acquisitions. Consistent standards and reporting across cultures is a requirement for these mega-producers. This Forum presents emerging automation and information trends that help meet demand while reducing manufacturing uncertainties and costs. It also presents new techniques to enhance efficiency while increasing process flexibility and reliability.

Wednesday, November 11, 2009

9:00 AM to 11:30 AM

Room 304 A-B

Who Should Attend?

This Forum is designed for management and operations personnel. If you have responsibility for, or contribute directly to, the financial, production, energy or overall efficiency of your plant, and want to hear how you can optimize your plant's operations, this Forum is for you.

- Plant managers
- Operational/production managers
- Manufacturing directors
- Engineering managers
- IT managers
- QA, Engineering, Maintenance and Operations

You Will Learn

- Improving flexibility in manufacturing operations
- Utilizing information to drive cost reductions
- Increasing the performance of your assets in production and packaging
- Identifying and managing opportunities for reducing energy costs
- Addressing sustainability issues at your facility
- Implementing systems that address governmental regulations

Agenda

Utilizing the latest process control technology for new soy ingredient plant

STEVE SCHIEDEMEYER
Vice President of Engineering, ESE, Inc.

TIM FOSTER
Vice President of Engineering and joint founder, Green Planet Farms

When Green Planet Farms made a decision to build a green field pilot plant its primary challenge involved being able to expand from a lab environment to a full scale, automated manufacturing process without having to redesign or re-validate the system. The need for a scaleable and flexible manufacturing environment was paramount to fit the needs of Green Planet Farms and the clear objectives it had for the plant to fit with its environmental stewardship goals. The presentation will review how and why Green Planet Farms with the help of ESE, Inc., the Rockwell Automation Solution Provider Green Planet Farms partnered with for this project, selected the PlantPAX process control system to base the solution on and the benefits they have experienced.

Using advanced technologies to drive greater efficiency across multiple sites

STEVE HAYWARD
Manager, New Zealand Technical Automation and Process Control, Fonterra

Fonterra is one of the world's dairy foods manufacturing leaders and continually evolves business strategies and manufacturing excellence to compete in today's difficult and competitive market place. Fonterra has strong sustainability and social responsibility practices and is acknowledged as a global leader in the adoption of innovative and advanced technologies. These advanced technologies provide increased production asset flexibility and value, costs reduction and energy efficiencies while achieving consistent quality and meeting diverse and changing consumer requirements. Discover how Fonterra meets the unique challenges that come with multiple plants, manufacturing units and business information systems.

Proven strategies to reduce your plant's energy usage

RAY ZIMMERMANN
President, RJZ LLC

Energy usage in the food and beverage industry continues to be of concern for manufacturers. Not too long ago, it was only a cost issue. Responsible production and sustainability initiatives have added greater urgency and prompted more action to reduce the amount of energy used. If you are being challenged to reduce your plant's energy expenses, this presentation will share with you proven strategies to increase your success.

Speakers

STEVE SCHIEDEMEYER has over 20 years of experience in the automation and process control industry. Steve has been in his current role at ESE for 5 years and previously was with Rockwell Automation for 10 years as an Engineer and Operations Manager. ESE has been at the forefront of designing and commissioning innovative manufacturing plant automation systems for food and beverage applications since 1981. ESE tightly integrates leading-edge analytical instruments with best-in-class control systems and sophisticated software resulting in improved plant utilization, increased yields, better product quality, and faster delivery.

TIM FOSTER is one of Green Planet Farms's founders. He was educated as a mechanical engineer and has 30 years experience in the food production industry. Previously, he co-founded Specialty Protein Producers, Inc. Green Planet Farms, located in South Sioux City, Neb., is a leading ingredient manufacturer of soy isolates. Soy isolates are a key ingredient in a wide variety of food products, including milk, protein shakes and snack foods. They are the only company that uses a unique, water-based extraction process for soy isolates that produces high quality and fully functional, hexane-free organic soy proteins for ingredient manufacturers.

STEVE HAYWARD Steve Hayward is the New Zealand technical automation and process control manager for Fonterra. Hayward has 22 years of experience in the automation and process control field and has been in his current role for the last five years. Fonterra, New Zealand's largest company, is the world's leading exporter of dairy products, exporting to 140 countries, and is responsible for over one-third of international dairy trade. The company operates 25 manufacturing sites throughout New Zealand that can process up to 80 million litres of milk on a daily basis.

RAY ZIMMERMANN is a highly experienced domain specialist from the consumer products, beverage and brewing industries, providing strategic technology investment support with business aligned roadmaps across all areas of food and beverage operations. Zimmerman has experience in engineering, manufacturing operations, strategic planning and finance. He also has experience in primary metals and packaging industry paper mills, folding carton, corrugated, and can manufacturing. At Anheuser-Busch he was responsible for systems infrastructure and support for domestic and international operations.