

NovaTech Picks Up A 24-Pack of MillerCoors Projects

Partnerships with D&B Firms ICC, Briggs, and Foth on Post-Merger Project Pipeline

The recent merger of Miller and Coors breweries to form MillerCoors has resulted in over twenty-four applications engineering projects (to date) for NovaTech and its Design and Build partners: ICC, Briggs, and Foth.

The partnership between NovaTech and MillerCoors began with the first installation of a D/3® DCS at the Miller Fulton, NY facility in 1984, and several current MillerCoors managers began their careers as D/3 applications engineers. MillerCoors' emphasis on technical leadership of the brewing industry continues to this day.

Last year saw upgrades at all Miller facilities with some receiving new D/3 PCMs at version 12.3, 8000 I/O, a transfer from GPXIO to Ethernet communications and pioneering work by James Clark with VMWare Server Virtualization to reduce IT costs. All of this adds up to, "some of the most advanced automation facilities I've seen in all my process engineering experience," notes Joe Shingara, NovaTech Lead Applications Engineer.

The recent projects will enable the production of the combined MillerCoors products families at multiple facilities nationwide, saving the company significant transportation expenses over its previous production methods.



Graham Broadhurst, VP of Engineering for Briggs Engineering, notes that, "all of my dealings with [NovaTech], from the initial bidding phase through execution, the service and performance have been second to none. Dwight (Yokum) Wood, Bob (Mr. Clean) Ard & Frances Yoo understand the brewing process, manage the system integration, and interact with other disciplines of the project exceptionally well."

Mike Robson of ICC proclaims, "ICC, Inc. has had the pleasure of working with MillerCoors and NovaTech on many projects over the last 15 years. Most recently on multiple projects across all breweries in the areas of

Centrifuging, CO2 processing, and Grains Handling. Special thanks to Frances Yoo, Bob Ard, Lochlann Kehoe, and Joe Shingara among others for their knowledge, dedication, and hard work in making these projects successful."

Dwight Wood, VP Western Sales, continues, "Mike Duran, Cheryl Michael, Steve Scott, Cindy Lineberger, Gary Phillips and Allen Millaudon have also been major contributors on the MillerCoors project initiatives."

"MillerCoors wants to become the best beer company in America," notes MillerCoors CEO Pete Coors, and NovaTech is proud to help.

New Boilers and Generators Provide Energy Independence and Reduce Environmental Impact

The ADM Clinton CoGen project had a successful startup of both boilers, and integration of the generator set is slated to be completed in the near future.

When all is operational, the CoGen facility will produce 180MW of electricity off of 3.6 million pounds per hour of steam. This will allow the ADM Clinton PHA facility to be independent of the electrical grid and drastically reduce its emissions.

The three Faber boilers will provide all the steam required for the Clinton corn and PHA plant processes. Excess steam will power two GE steam turbines dynamically balanced to neither waste energy nor overproduce power. The boilers will use a combination of natural gas and coal (from a 60,000-ton storage dome) treated with ammonia and lime injections to reduce NO_x and SO₂ emissions, respectively.

The project, headed up by NovaTech Sr. Applications Engineer Kevin Morris, uses a complete array of NovaTech products and services. The boiler is controlled with a D/3[®] PCM and 8000

Series I/O, while an Orion Automation Platform and the Distributed Discrete I/O (DDIO) automate the generation substation. NovaTech also provided applications engineering and systems design services to the project.

NovaTech CEO Volker Oakey notes, "This project is a prime illustration of the synergies inherent in our combined process and utility core competencies. Process facilities looking to increase their energy efficiency and independence can count on NovaTech to provide the best tools and people to achieve their goals."

PRODUCT NEWS

OrionLX Production Units Available

NovaTech is pleased to announce the commercial availability of the OrionLX, the latest in our family of Orion Automation Platforms. Designed to address growing needs for Cyber Security, more processing power, Ethernet communications and web-based configuration and visualization tools, the OrionLX is available for purchase from your NovaTech representative.



D/3[®] Version 12.4 & 14 Update

In response to customer requirements for certain features, NovaTech will release D/3 version 12.4 in March of 2009. Version 14 will be slated for release in the fourth quarter.

Version 12.4 will include:

- New ABL Manager
- WinSSD
- RSYNC speedup
- Memory increase from 16 to 32 MB
- Consolidation of patches since 12.3-1

Version 14.0 will include:

- Support for Windows Vista, continued support of Windows XP
- Support for Windows Server 2008, continued support of Windows Server 2003
- 8000 I/O 1:6 Redundancy
- 8000 Series I/O software support for 16 point, 24 VDC output module and 16 point, 120 VAC input module
- HART[®] instrument status as D/3 warning and failure alarms
- IEC-61131-3 Function Blocks in Master Devices, Function Block or traditional Boolean symbols used for the design/debug of Master Devices
- Etherdiag
- PCM 420
- Windows authentication
- Alarm Delays
- .NET Console beta
- Consolidation of patches since 12.4

NOTE: The above is for general information purposes, and is not to be construed as a guarantee.

The Cargill NatureWorks facility, which produces biodegradable plastic derived from corn, will implement the first phase of a D/3® installation in November, with a second phase completing in March. The project replaces a DOW MOD 5 system with a new D/3 and redundant 8000 I/O.

Under the engineering leadership of Steve Ziobro and Don Wenrich, this challenging project has proceeded forward in a successful manner. Steve, Don and their respective teams have worked tirelessly with NatureWorks team members over the past several months. Team members from both

companies worked over the Thanksgiving holiday to deliver the first phase of the project on schedule.

NovaTech was also recently awarded a contract for the first phase of their Cargill Lactic Acid (CLA) project.

BUZZWORDS

Dear Valued NovaTech Customer,

The closing months of 2008 have brought the tough realities of a tightening economy accompanied by the hope of a national energy transformation.

Fossil fuels and their resultant energy prices will continue to fluctuate, and the days of reliably cheap carbon-based energy are passing into history. Transitions are turbulent, but it is this uncertainty that allows new thinking and solutions to flourish.

ADM's CoGen facility, operational by the time this newsletter reaches you, is a prime example of an industrial complex redesigned for energy efficiency and grid independence. MillerCoors' upgraded facilities have likewise set a new standard for flexible automation a more energy efficient distribution strategy.

As a company, NovaTech is well positioned to thrive in our key markets.

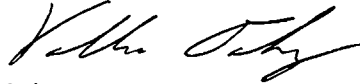
Energy, food products, specialty chemicals and pharmaceuticals are as protected from recession as sectors can be, and all can benefit from improved automation to enhance their competitive advantage.

NovaTech is committed to providing our customers with continual innovation in process optimization and smarter energy solutions through strategic partnerships with energy-cost reduction leader AspenTech™ and emerging waste-to-power and renewable energy technology leaders.

We look forward to earning your business well beyond 2009. Happy Holidays from our family to yours,



Aubrey "Buz" Zey



Volker Oakey



Buz Zey, President



Volker Oakey, Chairman



NovaTech is pleased to welcome former GSE Systems employee Dan Ducoté as a southwest regional sales representative. Dan left GSE in 2001 to launch a private business with his wife. Now, with the successful company in his wife's capable hands, Dan has decided to return to the automation field, and NovaTech

seized the opportunity to bring him back into the organization.

"We are very fortunate to have Dan on board," notes Dwight Wood, VP Western Sales. "In his short time in the position, he's already accomplished a lot."



**24 Hours.
250 Million Chimneys.**

**Santa Claus in
SLEIGHS
of
THUNDER**



SAVE THE DATE

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**2009 NovaTech User Conference
September 13-16, 2009**

Tremont Plaza Hotel & Grand Conference
Center, Baltimore, Maryland

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- **Product News:** D/3® Version 12.4 and Version 14 Update and OrionLX Production Units Available

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