

Craft Automation

Scale with Quality, Consistency, & Zero Compromises



Recipe Consistency at Any Volume

Maintaining product quality and production agility while increasing throughput can be both a challenge and a source of strategic advantage. The D/3[®] Distributed Control System (DCS) powers the processes and fuels the growth of many of the largest and most efficient breweries in the US, yet remains flexible enough to adapt to your uncompromising vision.



DCS Functionality at a PLC Price

The increased functionality and profitability of a DCS has historically had a higher initial cost than PLC/HMI-based solutions. With modern standards, off-the-shelf networking equipment, pre-configured applications and “no hassle” software licensing, the D/3 delivers lower total cost and the following additional advantages over PLCs:

- ◆ Integrated recipe and batch management, product tracking & reporting
- ◆ More powerful process controllers for greater reliability and efficiency
- ◆ Advanced system and asset analytics
- ◆ The ability to make changes on the fly



Experience & Accountability

NovaTech engineers have over a century of combined brewing experience, ranging from enthusiastic home brewers, to a former automation manager for MillerCoors' largest breweries. We make and stand by all our automation products and engineered solutions - no finger pointing if you're not completely satisfied. So whether you want to get hands-on with automation code or need full-time engineering assistance, we've got you covered.



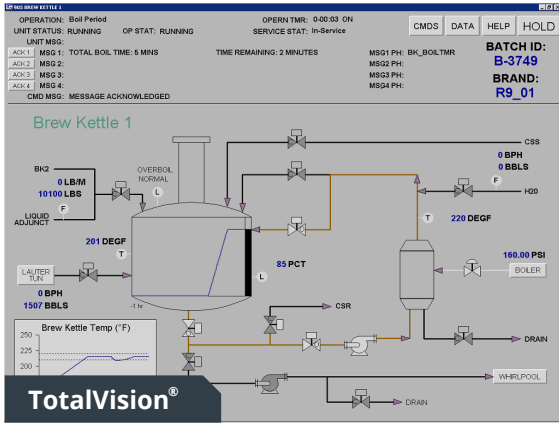
Reduced Energy Costs & Environmental Impact

The rewards of improved energy and utilities management are more than financial. From Energy Audits and KPI Development to cogeneration control, renewables integration and Advanced Process Control, NovaTech products are widely used in electric utilities including the majority of US wind farms. If sustainability is a core value of your organization, we put world-class tools at your disposal.



Let us show you how NovaTech Automation can add to the craftsmanship while it grows the bottom line. Want to learn more? Visit us online, novatechweb.com
Call **410.753.8300** or Email D3@novatechweb.com

D/3 Brewery Automation Components

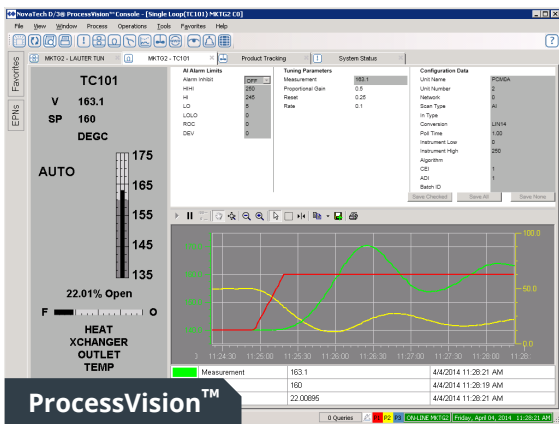


High-Performance **TotalVision®** graphics for brewhouse, fermentation, cold storage, utilities, cleaning, & other plant components keep operators informed, not overwhelmed.

ProcessVision™ system, equipment and batch analysis optimizes performance under all operating conditions.

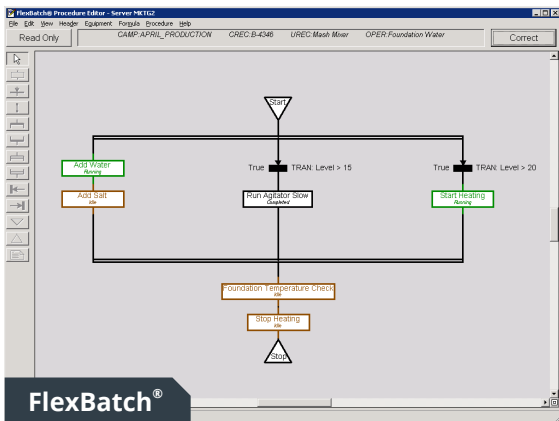
Brewmasters create and modify recipes visually in **FlexBatch®** that operators can schedule, run and monitor - all with no programming.

Compare, diagnose and optimize brewery asset performance with **Process Analytics**.




Out-of-the-Box Applications

- ◆ Brewhouse
- ◆ Fermentation
- ◆ Cold Storage
- ◆ Blending/Finishing
- ◆ Packaging
- ◆ Yeast Management
- ◆ CO₂ Management
- ◆ Ingredient Addition
- ◆ Utilities Management
- ◆ CIP/SIP



NovaTech Process Solutions has been making brewing and other essential process industries more reliable, efficient, sustainable and secure for over thirty years. We're based in Owings Mills, Maryland with offices across the US, Europe, and Asia.

 All NovaTech products are made in the USA.