

AUTOMATION

Custom Sequencing for Your Brewing Process

Get the Best of Both Worlds.

ICC NW automation is designed for the brewer who desires the hands-off efficiencies of automation while retaining the hands-on control to craft their brew.

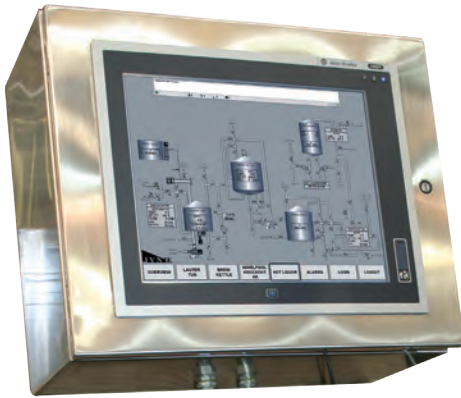


ICC NW has integrated the best of both worlds: Highly efficient and robust brewhouse vessels with top-of-the-line automated valves

and instruments; all tied together using Allen-Bradley/Rockwell PLC and HMI components. Process control via touchscreen at the brew deck and integrated by our in-house automation experts.

With our customized process sequencing, as your brewery grows, the programming grows with you through remote upgrades to your software. Invest only in the features you need, as you need them. Adding automated process controls to your brewery increases overall efficiencies in your brewing processes, labor, safety, and aids in batch consistency.

All brewing tanks, components, piping, and programming are designed, built and tested in-house at ICC NW's Canby, Oregon plant. Currently available on ICC NW 30 BBL system and above.



- Custom Process Sequencing
- Easy 1-Person Operation
- Controls brewhouse, cellar, and CIP system
- Recipe Management
- Historian data collection
- Intuitive, brewer friendly interface
- Affordable packages designed to grow with the brewery
- Made and supported in the USA



Technical Features:

- Allen-Bradley/Rockwell PLC and HMI Components
- Top-of-the-line GEA Tuchenhagen valves with Actuator Sensor-Interface (AS-i) feedback
- ifm flow meters, temperature gauges, pressure gauges, AS-i
- Turbidity and Gravity Mass Flow Meters
- High flow, low shear pumps
- Boil over sensors with alarms
- Sanitary piping design including transfer line CIP loops
- Manway proximity switches with alarms
- All components wired and tested in-house for faster start-up

