DISTILLERY AUTOMATION AND DESIGN SOLUTIONS

OVERVIEW

EN Automation has years of experience providing comprehensive automation and engineering solutions to the brandy, wine, and beer industries. Our expertise translates well to the distillery industry where we can provide clients with automated solutions to monitor safety, manage processes, and implement remote access to operations.

Distilleries can improve product consistency, generate higher product yields, and achieve better tracking and traceability by integrating automation and control system solutions. EN Automation can also help distilleries become more efficient with utility use and labor productivity to remain competitive while meeting operational challenges and keeping up with consumer demands.

Clients will have convenient access to our engineering professionals and resources located near distillery facilities at one of our many regional offices across the nation.

SOME OF THE SYSTEM AND MACHINE CENTER EXPERIENCE WE OFFER INCLUDES:

- Warehouse management
- Inventory tracking
- Grain handling & milling
- Dust collection
- Mashing, cooking, boiling, straining
- Tank farm management
    - » Status for filling, fermenting, unloading, CIP, etc.
    - » Analytics for temperature, level, pressure, etc.
- Barrel filling / unloading
- Blending (cutting)
- Releasing to packaging
- Bottle filling
- Date coding
- Conveyor (line control)
- Case packing
- Palletizing
- Stretch wrapping
- Track & trace
- Power system studies
- Process safety management
- 3D laser scanning
- Site surveying
- Process modeling
- 3D modeling and VR design reviews

ENAUTOMATION

We offer turnkey solutions in addition to engineering services, construction oversight, and project management to prepare the facility for automation upgrades. EN Automation can also develop 3D renderings that offer a unique perspective and insight into the automation and design solutions that best fit your distillery facility.

WE OFFER END-TO-END SERVICES TO COVER ALL ASPECTS OF PROJECTS, INCLUDING BUT NOT LIMITED TO:

- Mechanical, electrical, civil feasibility and design
- Turnkey solutions
- Process & CIP design (P&IDs, PFDs, etc.)
- Packaging design (3D modeling, etc.)
- Bill of materials selection & procurement (instrumentation, valves, pumps, etc.)
- Control panel design & fabrication
- Project management
- Construction oversight
- Control systems software programming (PLC, HMI, VFD, etc.)
- Management software programming
- SCADA, MES, etc.
- Startup and commissioning
- Training
- Support services

ENTRUST Solutions Group is committed to excellence…from start to finish. Our engineering, consulting, and automation services help clients identify challenges and implement solutions to increase efficiency and optimize operations. EN Automation is a CSIA-certified systems integrator with proficiency in over 50 automation platforms and strategic partnerships with industry-leading providers. We apply best practices to ensure systems are designed and programmed as intended to achieve the desired results.

Major ESG offices are located in Catlettsburg, Kentucky and Cincinnati, Ohio, with licensed professional engineers in all 50 states. **Contact us for more information on how we can support your distillery automation and design needs.**

EN Automation
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