



OIL AND GAS AUTOMATION SOLUTIONS

OUR SOLUTIONS

EN Automation is the trusted name in midstream systems integration, with a nationwide base of engineers who have extensive experience in pipeline and facilities operations. We have established, long-term industry partnerships and apply best practices to industrial control systems while providing automation solutions for oil, natural gas, liquified natural gas, and other hazardous liquid pipelines and facilities. Our field veterans understand the consequences of interrupting live controls systems and facilitate automation projects with the expertise that comes from working in the industry with a wide variety of hardware and software platforms.

SOME OF OUR CAPABILITIES FOR LIQUIDS AND GAS INCLUDE:

- Vapor recovery and destruction systems
- Oil water separators and water treatment
- Tank gauging and inventory tracking
- Butane blending
- Crude blending
- Ethanol blending
- Marine and rail offload
- Additive injection (red dye, corrosion inhibitor, fuel system icing inhibitor)
- Fire water systems
- Motor management relay integration
- Power management relay integration
- Ethernet communication strategies
- Panel design and fabrication
- Pump/booster stations
- Mainline block valves
- Control valves and VFDs
- Flow computers
- Custody transfer
- Batch and ticket tracking
- Line balance
- Leak detection (coordination with 3rd party software vendors)
- DRA injection
- Stripping
- Station and pipeline shutdown strategies
- WAN communication strategies
- HMI Conversions
- PLC and HMI programming for:
 - » Fire and gas
 - » Reciprocating units
 - » Centrifugal units
- Automation and commissioning for:
 - » Gas compressor stations
 - » Turbines
 - » Electric driven units
 - » Meter stations
 - » Main line block valves

