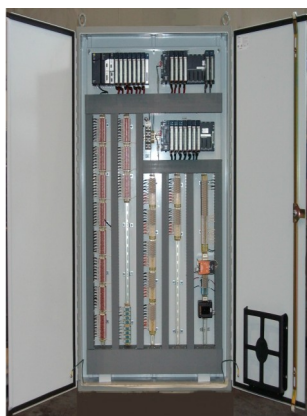




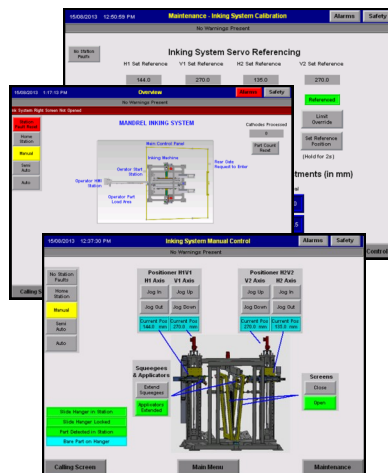
# CONTROL SYSTEMS

Ionic is a control systems specialist. We design and/or build control systems for new applications or for integration into existing work environments. We can help with all stages, from initial concept and detail design to manufacturing, commissioning, and trouble-shooting. We can use hardware from leading manufacturers and we can develop solutions using non-standard hardware and software.



Ionic has experience with most major PLC platforms, and all panels come with ESA certification.

We provide PLC/DCS/HMI system design for entire plants or individual systems.



We can design and implement HMI/SCADA control systems using any interface package.

Ionic designs and builds custom controls systems for new and existing applications.



## Custom Control Systems

We design and/or build a wide range of control systems:

- Custom software
- PLC systems
- DCS systems
- Data logging / SCADA systems
- MES / Order Systems
- Safety instrumented system (SIS)
- Process control systems
- Human Machine Interface (HMI) systems
- Vibration monitoring
- Chemical systems process controls and process monitoring
- Real-time signal processing systems

## Safety First

We design controls panels and systems to your safety standards. We can create PLC systems to employ EN 951-4 Category 4 safety standards—the highest safety standards used in any industrial environment.