

# Software Engineering and Process Control

## Maximizing Efficiency with Information Management and Superior Control Systems

For years, plant engineers have utilized just enough process control data to manage the plant's operations. But now, market demands, regulatory pressures, and slimmer margins have led the best manufacturers to leverage plant floor data at the enterprise level to drive real-time strategic decisions. Better information at your fingertips can set your business apart by allowing you to efficiently and cost-effectively produce high quality products.

Deaton Engineering's software and process engineering experts can deliver the process control solution you need to make your operation excel. Whether it's a completely new system or just an upgraded component, we can configure it to meet the needs of your process. Our experts team with you to develop systems that preserve margins, speed the order-to-cash cycle, and maximize your return on assets.



National Instruments Certified System Partner

## Software Engineering, Process & Control Software, and Data Management

### Control Systems and Hardware

We specialize in providing professional-grade control solutions for complex environments using many development platforms. We design and build systems that are highly efficient, network-enabled, and secure.

### Custom Test Systems and Data Acquisition

Deaton Engineering provides vast experience with automated equipment, control systems, test and measurement hardware, and a variety of software development tools such as Microsoft Visual Studio, LabWindow CVI, and SCADA.

### Secure User Interface Development

You can rely on Deaton Engineering to provide secure access for any type of system. We apply a risk-based approach to electronic records and signatures that allows companies to comply with 21 CFR, Part 11 requirements.

## Software Engineering & Process Control Services

- Software engineering
- Control software & systems
- Process control
- Process software
- Control system engineering
- Software development
- Software automation
- Data acquisition systems (DAQ)
- Microsoft Visual Studio
- LabVIEW development
- National Instruments (NI) development
- Supervisory control and data acquisition (SCADA)
- Human machine interface (HMI)
- Programmable logic controller (PLC)
- Parallel architecture core (PAC)
- Embedded system controls & design
- Motion controls
- Vision systems
- Windows based GUI applications
- Process controls
- Programming languages: C++ to Wonderware
- National Instruments Certified System Partner
- Advanced algorithm solutions
- Automated test stations
- Process engineering services list
- Process and manufacturing equipment list
- Engineering services list
- FDA, regulatory and safety services list