

Save Your Organisation Time and Money: Custom Temperature and Process Controllers

This document describes how the product lifecycle and support services offered by West Control Solutions can reduce costs and risks.

- Process control expertise
- Customised product design
- Lean manufacturing high on-time delivery and quality
- Component obsolescence management
- Innovation planning for product evolution



Save Your Facility Time and Money: Custom Temperature and Process Controllers

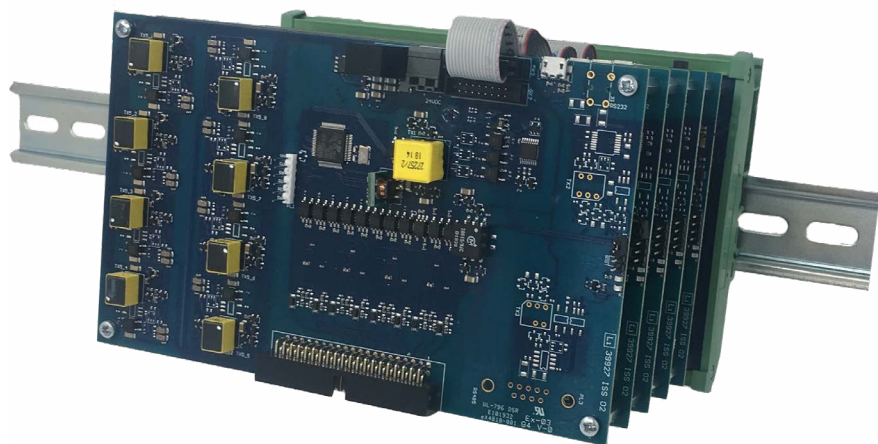
Challenge

OEM's often find difficulty in selecting the temperature or process controller that best fits their application's unique demands. Many controller manufacturers lack the capabilities required to produce customer specific products for volume OEM applications. The capability to manufacture quality custom controllers depends on access to in-house resources such as temperature and process control application knowledge, design and engineering expertise, printed circuit board assembly (PCBA) and device build. Trusting a manufacturer that does not offer these capabilities, can result in late deadlines, higher costs, and reduced production efficiency.

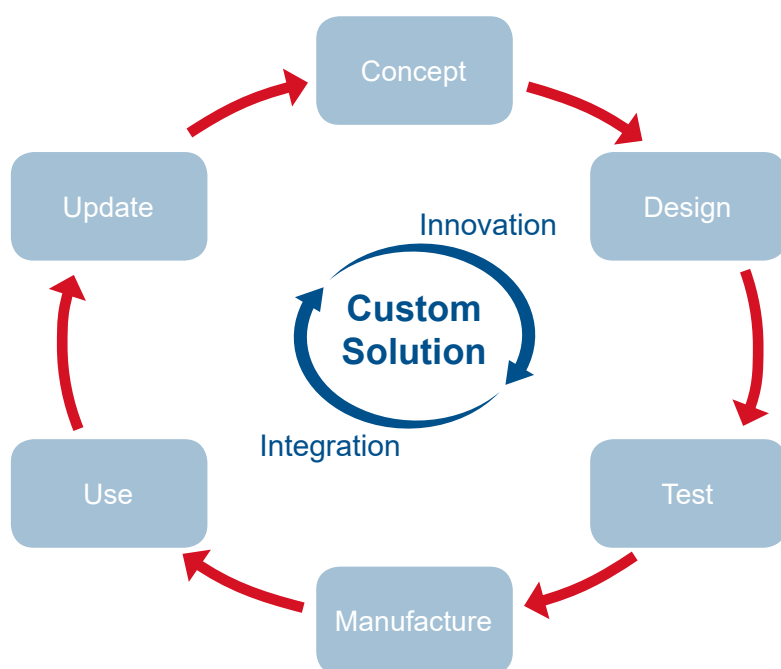
Advantage

To save time and money, OEMs turn to West Control Solutions (WCS) for their custom controller devices. WCS has developed temperature and process control products for over 90 years. Our expertise paired with the ability to leverage existing core design platforms helps reduce overall risks and the associated costs. We attain maximised efficiency through our knowledge in process control applications and optimal user-experience design.

Our team designs the embedded process controller in-house, releasing the OEMs engineering team to focus on other critical aspects of design. The outcome is faster overall development time. We operate on a LEAN manufacturing process with a record of very high OTD (on-time-delivery). Our facility ensures customers always come first through implementing processes that fit ISO9001/14001 and OHSAs 1800 factory standards, along with an overall focus on continuous improvement.



When possible, WCS uses common components in each design. Components used are tested thoroughly during the design process for the intended application. This step helps improve quality and reduce risks. Customers also benefit from the uninterrupted supply with no sustaining resource burden on them to manage future component obsolescence. With the core technology and necessary effort already in place, reaching the best process control solution means a reduction in the time and money invested by OEMs.



Solution

West Control Solutions focuses on providing valued temperature and process control expertise, global presence, and support. Equipped with necessary in-house resources, WCS offers the capability to deliver uniquely optimised custom controllers. Process control expertise helps the WCS team minimise risks through agile product development. OEMs can define their product requirement using our custom platform options. West Control Solutions handles custom controller needs from concept to delivery and beyond, allowing OEMs to focus their efforts on the core machine design.

Conclusion

Due to our unique, in-house capabilities, WCS custom controllers out-perform in control applications such as plastics machinery, ovens, furnaces, laboratory and test equipment, packaging machinery, food processing and many more. Partnering with the WCS team to develop and supply your custom controllers can save time and money. This adds resources and expertise to your project, helping to launch new machine designs quicker that are better optimised for intuitive user operation. As a supplier of process control products, WCS focuses on providing high-quality to remove risks from your business.



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FA-CC1-1-UK-1904