

# TESTING FOR EMBEDDED REAL TIME SYSTEMS



## SIGNIFICANT PROCESS IMPROVEMENTS THROUGH AUTOMATED TESTING

### YOUR BENEFITS

- > Minimize the risk of hidden bugs
- > Save time by first possible bug detection
- > Higher product quality
- > Compliance in a regulated environment
- > Agile teams and scrum methodologies
- > Continuous integration and deployment practices

*All companies that design and deliver embedded and IoT devices to the market, especially manufacturing firms with either existing devices or new devices in the R&D stage, may need to enhance or expedite their processes through automated testing.*

### WHICH CHALLENGES ARE YOU FACING NOW?

There are various needs within a company that can be directly or indirectly related to automated testing. It might be necessary to ensure the quality of your code, or you realize that you are not in control of your test case coverage. Difficulties may arise with reproducing defects in a test environment, or during the phase of porting software to another hardware revision, there could be a need to define custom instruments to test it. There may be a need to evaluate how to automate test cases for your embedded system, or your system requires testing hardware, software, and their interaction. You could also be facing difficulties in adapting your test bench to new projects. For all these challenges, we provide you with crucial support in finding customized solutions.

### OFFERS BY ADESSO

- > Assist you in analysing and improving your testing process.
- > Understand the current quality status of your device and provide solutions and metrics to enhance it.
- > Develop a customized automated test bench for your device testing.
- > Develop and integrate a custom instrument for your existing testing environment.
- > Develop and execute hardware and software test cases.
- > Ensure quality and compliance with best practices.

Do you have questions about our offer or would you like to know more about how we can support you in this context? Please feel free to contact us.

**adesso Schweiz AG**  
 Vulkanstrasse 106  
 8048 Zürich  
 T +41 58 520 97 00  
 marketing@adesso.ch  
 www.adesso.ch

