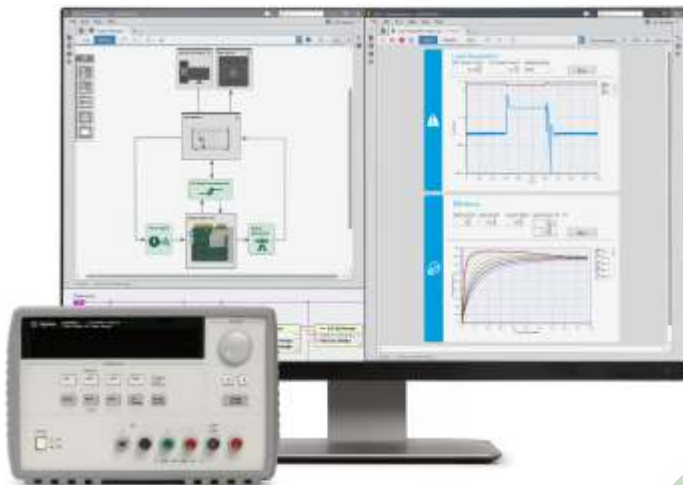


CompactRio

In a CompactRIO system, a controller with a processor and user-programmable FPGA is populated with one or more conditioned I/O modules from NI or third-party vendors. These modules provide direct sensor connectivity and specialty functions. CompactRIO is available in both a rugged industrial form factor and board-level design. It provides Faster Development With a Single, Intuitive Software Toolchain, Accurate, Precisely Timed Data You Can Trust It is an open and Secure Platform

The best reasons to consider a cRIO-based path are:



Features

- » Rapid prototyping
- » Lots of I/O to interface with the world
- » User Interface (GUI/HMI) options
- » Synchronization
- » Obsolescence Management
- » Several ways to communicate
- » Multiple variants possible