NI LabVIEW

Ultimate System Design Software—LabVIEW system design software provides engineers and scientists with the tools they need to create and deploy measurement and control systems. The heart of the NI education platform, LabVIEW helps students, teachers, and researchers build a wide range of applications in dramatically less time. It is the premier development environment for problem solving, accelerated productivity, and continual innovation. For more information, visit **ni.com/labview**.

Instant Compilation
Focus on results while LabVIEW continuously checks syntax during edit time

Inherent Parallelism
Scale performance with automatic multithreading

Deployment Targets
Deploy LabVIEW to thousands of targets such as PCs, real-time controllers, and FPGAs

Block Diagram
Customize system behavior with graphical programming

Models of Computation
Combine and reuse your .m files, C code, HDL, control and simulation models, and more within LabVIEW

Signal Processing and Analysis
Save time with hundreds of built-in function libraries

Front Panel
Quickly create professional user interfaces to showcase your results

Seamless Hardware Integration
Bring real-world signals into LabVIEW from any device

Integrates directly with:

NI ELVIS	NI myDAQ	NI myRIO	NI CompactDAQ	NI CompactRIO	NI USRP™	NI PXI	Third-Party

Courseware available at **ni.com/courseware**

Relevant courses:	Intro	Circuits	Power Electronics	Measurements	Controls	Embedded	RF/Communications