

The Maker Movement Is Bringing Engineering Into the Mainstream



For nearly 40 years, NI has provided tools for engineers and scientists to accelerate productivity, innovation, and discovery. Now we're making these same professional-grade tools available to makers.

Empowering makers with industry-standard tools helps them to build bigger and better projects faster than ever before.

Many tools currently available to makers are not intended for professional use and, as their applications become more complex, makers are likely to reach the limits of do-it-yourself technology. As a result, they are using disparate tools that may not necessarily be designed to work together. With a move to NI technology, makers can alleviate these hurdles and innovate more rapidly.

Maker Quick Facts¹



In the United States alone, 40 million adults identify themselves as makers.



Among makers, 97% attended college or more and 31% are employed in science and engineering fields.



Maker activities range from woodworking to designing medical devices and everything in between.



70% of makers identified themselves as involved in electronic hardware projects and 60% as involved in software projects.

Transforming Education by “Doing Engineering”



Learning by doing, iterating on ideas, and collaborating with peers are the hallmarks of both engineering and the maker movement. Through hands-on learning, access to technology, and exposure to real-world applications,

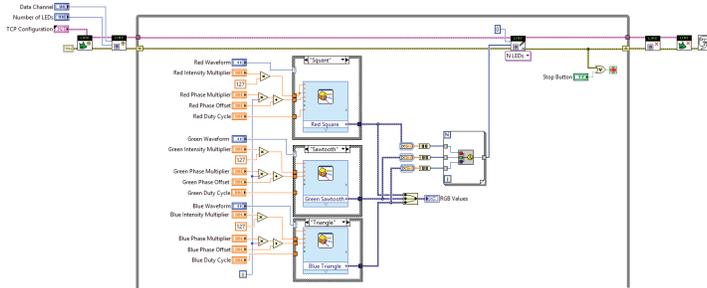
students are engaged and energized to learn. As more schools transform traditional learning spaces into collaborative, creative maker spaces, the better able we are to cultivate the next generation of problem solvers, inventors, and scientists.

Every Maker Needs a Mission Control



The LabVIEW system design platform transforms the making experience for the digital generation.

It's powerful and used by professional engineers and researchers all over the world. It's also intuitive and accelerates discovery and invention with a clear graphical environment.



Think It, Program It

With the visual nature of LabVIEW, program graphically and say goodbye to lines of text and tricky syntax.

Create Interactive Applications

Drag and drop to create a graphical user interface, visualize data, and put the maker in control.

Connect Ecosystems

Connecting to devices, applications, and even other programming languages is as easy as open, read/write, and close.

Debug Visually

Watch data flow through each diagram, monitor values in real time, or step through code one click at a time.

Learn more at labviewmakerhub.com

Making Partnerships

NI and its partners are expanding availability of maker technology across the globe.



Connected by LabVIEW

LabVIEW MakerHub is a web-based community designed to inspire, enable, challenge, and support makers who use LabVIEW to invent and build.

 Discover projects that inspire

 Learn from step-by-step tutorials

 Get help and collaborate in the forums

 Share your own projects

Created by NI.
Driven by LabVIEW users.

