



Visual Inspection  
Machine Vision  
Motion Control  
Process Control  
Data Acquisition



Aerospace

Marine

Defense

Transportation

Life Sciences

Energy

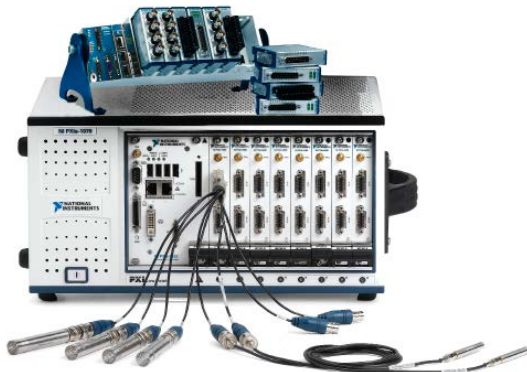
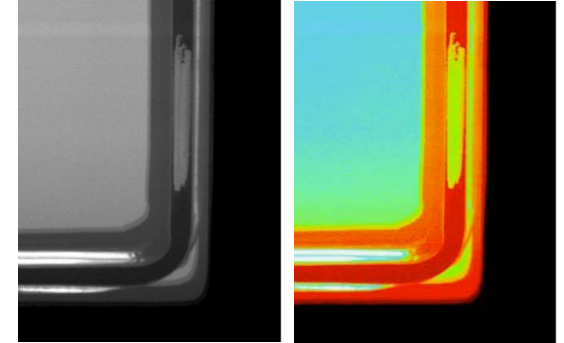
Manufacturing

## ***About PVI Systems***

PVI Systems is a National Instruments Gold Alliance Partner providing customized engineering solutions to a diverse array of industries including Life Sciences, Defense, Marine, Energy and Aerospace. PVI's experienced team of engineers are skilled at integrating NI devices with custom designed hardware and software to provide unique solutions for R&D and manufacturing, particularly in the fields of Data Acquisition, Machine Vision, Automated Test, and Motion/Process Control. Since 1999, PVI has focused on tackling difficult engineering problems and providing customers with solutions that significantly improve their development and manufacturing processes.

## ***Vision Systems***

PVI has solved difficult vision inspection problems in the general manufacturing, solar, fabrication, and pharmaceutical industries. PVI has developed systems that perform scratch and defect detection, dimensional analysis, and quality inspection. Our systems have incorporated motion control, lasers, as well as area scan, thermal, and 3D cameras.



## ***Data Acquisition***

PVI has developed a variety of custom and turnkey data acquisition systems. Our Chameleon software provides built-in functionality to easily configure and run data acquisition applications by combining a versatile configuration editor, channel synchronization, monitoring of all channels, and post-acquisition data display and export. PVI has also developed custom data acquisition applications to meet the specific requirements of customers in a variety of industries.

## ***Motion and Process Control***

PVI has solved difficult process control problems in a variety of industries using National Instruments software and hardware tools, including: LabVIEW, cRIO, cDAQ, and PXI. We have developed systems for the manufacturing, solar, energy, and pharmaceutical industries. Our team of engineers can significantly help expedite your development time, whether a new process requiring R&D or a well defined problem.

