Information

DUNS No.: 124601746

NAICS Codes: 541330, 541511

PSC Codes: AD92, AJ94, AN11, AR44, H970, H170

CAGE Code: 68RU5

SAM Active

Small Business Enterprise

Accepts Credit and Purchase Cards

Certifications:

- 3 Certified LabVIEW Developers
- 2 Certified LabVIEW Associate Developers
- 1 Certified LabVIEW Architect
- 1 NI Certified Professional LabVIEW Instructor

Contact:

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Corporate Information:

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chameleon data acquisition

ni Gold Partner
SYSTEM INTEGRATION

Founded in 1999, PVI Systems, Inc. is a privately-owned engineering firm specializing in custom mechanical and electrical test and measurement systems as well as process and motion control systems for a variety of process levels in data acquisition and product life cycle management.

Our engineers are skilled at developing software architecture to system-level hardware design for research and development, process automation, and quality control applications. PVI Systems focuses on developing the most sustainable solutions for our clients to actualize their project goals.

Specializations

- Data Acquisition • Custom Databases
- Automated Test & Measurement
- Motion & Process Control
- Machine Vision
- Consulting Services • LabVIEW Training

What We Do

Software Development – We develop custom software solutions for data acquisition, machine vision, and process control applications using National Instruments (NI) LabVIEW platform. We also developed Chameleon Software for turnkey data acquisition using NI PXI and Compact DAQ hardware platforms.

Hardware Design – We utilize NI hardware controllers and modules to custom design systems to support a variety of applications. We can also integrate other third party instruments or equipment such as PLCs, environmental chambers, and more to provide the best solution for the client's particular application needs.

Automation – We design real-time control of components such as pumps, robotic arms, and servo motors.

Differentiators

- PVI Systems' experience engineering systems for companies from different industries such as aerospace/defense, general manufacturing, pharmaceutical/ life sciences, energy and more, allows us to draw on this knowledge to provide unique solutions to common and uncommon problems.

- We developed the Chameleon System, a powerful and flexible system for turnkey DAQ application needs.

Past Performances

University of Connecticut – Storrs, CT, 2019
Provided Chameleon software for use by Experimental Structural Dynamics students.

Cornell University – Ithaca, NY, 2018
Data acquisition configuration consultation and support.

Northeastern University – Boston, MA, 2013
Data acquisition system for monitoring environmental conditions. Still being used today.

Penn State / Larson Transportation Institute – University Park, PA, 2011
Data acquisition system for acquiring data from anti-ram barrier crash testing.