

Experience Precision in Motion: PVA Showcases Flexible Automation Solutions at SATShow 2026

Halfmoon, NY – February 2026 – PVA, a global supplier of automated dispensing and coating equipment, will exhibit at SATShow 2026, taking place March 23–26 in Washington, DC, where the company will highlight custom automation solutions designed for demanding aerospace, defense, and telecommunications applications. PVA will be located in Booth 1559.

At the show, PVA will focus on its **Flex Cell platform**, a configurable three- or four-axis robotic system for dispensing a wide variety of adhesives, sealants, and conformal coatings. Each Flex Cell is customized for the customer's specific application and desired options, making it ideal for low- to mid-volume programs and evolving product designs.

The Flex Cell employs a robust gantry system with precision ball screw slides driven by brushless DC servo motors. Every axis features optical encoder feedback, enabling a fully closed-loop process for consistent, repeatable results. Key features and capabilities include:

- Robotic system repeatability of 25 microns
- Patented servo-controlled four-axis motion with optional valve tilt and rotate
- Closed-loop process control throughout the gantry system
- Ability to handle multiple dispensing applications or materials in a single cell
- Onboard PC for unlimited program storage
- Exclusive PMX programming environment

Also on display will be several of PVA's core dispensing and fluid-handling technologies, including the **PCC250 a two-part dispense valve**, **SB400-C high flow carbide dispense valve**, **Endurance automated dispensing platform**, and the **SRP Servo Rod Pump**. These solutions deliver accurate, repeatable material control for challenging fluids and critical assemblies while maintaining flexibility for process changes and future expansion.

PVA's automation solutions are widely used in military and defense, aerospace, and telecommunications manufacturing, where precision, reliability, and process control are essential.



Attendees are invited to visit Booth 1559 to speak with PVA's engineering and applications experts about custom automation strategies and dispensing solutions tailored to mission-critical manufacturing environments.

For more information, contact PVA at info@pva.net or (518) 371-2684.

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About

PVA's customer driven solutions are utilized worldwide in applications for printed circuit assembly, semiconductor packaging, medical device manufacturing, telecommunications, solar, and consumer electronics. Throughout the changing global manufacturing landscape, from laboratory applications to advanced production systems, PVA provides technologies that deliver unmatched precision and reliability.