Arch Systems Wins 2026 NPI Award for AI Dashboard Vision, Turning Factory Data into Real-Time Process Control

AI Dashboard Vision was recognized in the Software – Process Control category for transforming existing dashboards into real-time, operational insights and actions without complex integrations.

Palo Alto, Calif., March 2026 – Arch Systems, a leader in manufacturing data and AI solutions, has been honored with a 2026 New Product Introduction (NPI) Award in the Software – Process Control category for AI Dashboard Vision, a capability of the Arch Factory Intelligence Platform. AI Dashboard Vision enables artificial intelligence to read and interpret the factory dashboards that operators and engineers rely on every day, transforming them into real-time operational insights and actions.

Critical process data is often trapped inside machine dashboards, test systems, and disconnected reporting tools. Operators and engineers must manually interpret dozens of screens to identify issues and determine corrective action. AI Dashboard Vision changes this by enabling AI to read and interpret the same factory dashboards that operators rely on every day, much like an experienced engineer. The platform analyzes live information directly from existing dashboards and management displays, without requiring complex integrations or new data infrastructure.

AI Dashboard Vision analyzes the same dashboards, charts, and machine outputs that operators and engineers view during daily operations. By interpreting these screens in real time, AI Dashboard Vision identifies anomalies, provides insights, explains likely root causes, and recommends

corrective actions to stabilize production without lengthy IT projects or major infrastructure changes. Manufacturers can apply advanced process control without rebuilding data infrastructure or integrating every machine. AI Dashboard Vision works across modern equipment, legacy machines, and factory management systems, enabling rapid deployment in weeks and delivering faster root cause identification, reduced downtime, and improved first-pass yield.

Beyond insight generation, AI Dashboard Vision triggers workflows across enterprise systems, including MES, CMMS, and QMS platforms. This enables closed-loop execution where detected issues automatically initiate investigation, corrective action, and verification. Manufacturers gain faster resolution, stronger process stability, and more consistent production outcomes.

"Manufacturers don't have time for drawn-out integration projects," said Andrew Scheuermann, CEO and Co-Founder of Arch Systems. "AI Dashboard Vision meets them where they are—working directly with the dashboards and systems already in place to provide real-time guidance and measurable results."

Now deployed in manufacturing facilities worldwide, AI Dashboard Vision is helping electronics and discrete manufacturers scale engineering expertise across lines, shifts, and global operations. By transforming existing dashboards into intelligent operational insights and recommended actions, manufacturers gain faster decision-making and measurable improvements in yield, uptime, and operational visibility.

Presented by CIRCUITS ASSEMBLY, the NPI Awards recognize the most innovative new products introduced to the electronics assembly market over the past year. Winners are selected by an independent panel of industry engineers based on innovation, functionality, and impact on manufacturing operations.

About Arch Systems

Arch Systems transforms factory intelligence with AI-driven solutions that help manufacturers optimize operations, reduce downtime, and maximize efficiency. Purpose-built for factories by manufacturing and data experts, Arch AI acts as an expert copilot—reading dashboards, synthesizing data, and delivering real-time, prescriptive guidance to operators, engineers, and executives without costly

infrastructure overhauls. By leveraging AI to unlock insights from existing factory systems, Arch enables manufacturers to scale expertise, improve critical KPIs, and drive measurable impact on the shop floor. Learn more at archsys.io.

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