Cybord AI

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Cybord AI Strengthens Component Integrity and Supply Chain Resilience at AEMS 2026

Cybord AI connects component-level verification, provenance, and production evidence to uncover hidden supplier dependencies, compliance exposure and emerging supply chain risks.

ANAHEIM, CA (November 10, 2026) – At AEMS 2026, Cybord AI is showcasing how electronics manufacturers can turn component-level production data into actionable supply chain intelligence, allowing OEMs to enforce compliance and AVL policies, uncover hidden sourcing risks and make better-informed supply chain decisions.

With new requirements such as DFARS Case 2022-D011 and FCC Order 26-50, alongside growing geopolitical and sourcing risks, manufacturers face increasing pressure to know and prove exactly what goes into their products.

Traditional supply chain systems capture what manufacturers planned, purchased, and recorded. But they do not provide a verified picture of what was physically built. This gap can conceal unauthorized substitutions, counterfeit components, unexpected supplier dependencies, geographic concentration and compliance exposure across manufacturing operations.

Cybord AI closes this gap using Visual AI. It verifies and authenticates electronic components directly on the assembly line, while creating a digital record of every component on every board, supported by visual evidence. The collected data then becomes the foundation for enterprise-level supply chain intelligence, revealing risks and trends that would otherwise remain hidden.

"Manufacturers make critical supply chain decisions based on information that in most cases doesn't reflect what's actually going into their products," said Oshri Cohen, CEO of Cybord AI. "We change that by verifying components directly on the production line and capturing detailed evidence of what was actually built. This creates a new source of supply chain intelligence, helping manufacturers uncover hidden risks, strengthen sourcing decisions and take greater control of their hardware supply chains."

From Production Verification to Enterprise Intelligence

Cybord AI's "**Enforce. Authenticate. Predict.**" approach connects three critical capabilities:

- **Enforce sourcing policies:** Verify components against approved specifications at production speed, identifying unauthorized substitutions, unexpected components and other deviations before they become larger business risks.
- **Authenticate what was built:** Establish component-level provenance and digital micro-traceability, linking manufacturer identity, part numbers, date and lot codes and available country-of-origin evidence to individual boards.
- **Predict emerging risks:** Analyze actual component usage across products, suppliers, production lines, and manufacturing sites to expose hidden single-source dependencies, geographic concentration, supplier drift and discrepancies between approved sourcing plans and actual production.

By connecting these capabilities, Cybord enables OEMs to move beyond isolated inspection findings and gain a broader understanding of their hardware supply chains. The resulting intelligence can support supplier management, sourcing strategies, compliance programs and operational resilience.

Growing Regulatory Pressure Makes Component Visibility a Strategic Priority

The need for verified component-level information is becoming increasingly urgent as geopolitical tensions, supply chain shifts and new regulations place greater responsibility on electronics manufacturers.

Beginning January 1, 2027, **DFARS Case 2022-D011** introduces new U.S. defense procurement restrictions affecting covered PCBs and PCBAs associated with China, Russia, Iran and North Korea. Meanwhile, **FCC Order 26-50** introduces restrictions affecting new equipment authorizations for certain devices containing logic-bearing components produced by entities on its Covered List.

These developments reinforce a broader industry shift: manufacturers must increasingly demonstrate not only that their products meet performance and quality requirements, but also that their hardware supply chains comply with sourcing and security requirements.

"Supply chain resilience starts with knowing what's actually inside your products," added Cohen. "By connecting production verification with micro-traceability and supply chain intelligence, Cybord helps manufacturers move from reacting to individual component issues to identifying enterprise-wide risks and taking action before they disrupt the business."

Meet Cybord AI at AEMS 2026

Visit Cybord AI at Booth #129 at AEMS 2026 in Anaheim, CA.

Head of Solutions Engineering and Pre-Sales Andrew Miles will present "Beyond Traceability: Using Visual AI to Verify Electronic Component Provenance" on Tuesday, November 10 at 10:30 a.m., exploring how Visual AI is changing the way manufacturers verify hardware.

Learn more or arrange a meeting at www.cybord.ai / info@cybord.ai

About Cybord AI

Cybord AI allows electronics manufacturers to know and prove exactly what goes into every product they build. Its Visual AI platform combines production-scale component verification, digital micro-traceability and supply chain intelligence to enforce sourcing policies, authenticate hardware and uncover hidden supplier risks. Cybord serves OEMs across data centers, aerospace, defense, automotive and other critical electronics industries.

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