



Electrical Components International: AI quality inspection with KonnectAi



Why Google Cloud

Manufacturers are confronted with a common challenge: balancing lowering costs while maintaining high quality standards. To lower the barrier to AI for businesses of all sizes, [Electrical Components International](#) developed the solution [KonnectAi](#) - to enhance quality with full traceability without added cost. Leveraging Google Cloud solutions, KonnectAi can expand its reach, empowering manufacturers to tackle this challenge with simplicity, while providing immediate results.

Solution

To provide a scalable, secure and globally acceptable solution, KonnectAi uses several Google Cloud products: [Cloud Functions](#) and [Compute Engine](#) collaborate for instant responses and robust computing. Secure data access is ensured through [Firestore](#) and [Firebase](#). Deploying KonnectAi is effortless with [Cloud Run](#), offering a smooth, serverless experience that scales instantly. [Cloud CDN](#) also ensures speedy content delivery globally. Overall, this integrated approach of Google Cloud tools results in faster loading times, enhancing user experience.

About ECI

Electrical Components International (ECI) is a leading supplier of electrical distribution systems. With 25,000 employees and 40+ global manufacturing locations, ECI powers smart, connected, and electrified solutions.

Industry: Manufacturing

Location: United States

Impact

- Boosting productivity with an **80% reduction** in inspection time, minimizing risks and enhancing quality control
- Lowering barriers to AI quality with a **one-day implementation**, requiring **zero tech staff**, ensuring **measurable ROI**

“The Google Cloud team cares about our mission and product. Beyond providing cloud services, they help us empower businesses of all sizes to scale using artificial intelligence in manufacturing.”

Jarred Knecht, President, KonnectAi - Electrical Components International