



## With Koh Young, Matric Group Delivers Breakthrough Operational Improvements

Atlanta, Georgia – Koh Young Technology, the industry leader in True 3D measurement-based inspection solutions, proudly releases another customer success story with Matric Group. This case study shows how Matric Group has leveraged their partnership with Koh Young to be one of the first in the industry to use pre-reflow AOI as a game-changer for line efficiency and improved yield. All while creating a central inspection war room to allow just one person to manage all inline inspection, increasing automation, and control and mitigating talent shortages.

Matric Group's Vice President of Operations, Patrick Stimpert came out of Toyota production and understands that no good comes from touching product twice, or from having to rework product. He came to Matric Group more than five years ago and took a fresh look at the way their production operates. In this case study, you can read how Patrick added pre-reflow AOI to every line and how that immediately improved yield, quality, and efficiency. Learn how he and Koh Young managed to reduce the number of technicians managing their inspection processes to one. And learn how they created a long-term partnership where ideas are shared, and new groundbreaking solutions are created.

In the case study Matric Group President and CEO Richard Turner, along with Vice President Bradley Turner explain what the partnership with Koh Young has done for the business how important this level of equipment is to their customers, and how automation has allowed them to double in size without increasing their headcount in an area where the talent pool simple isn't growing.

You can download the case study [here](http://www.kohyoungamerica.com/matric-group-delivers-breakthrough-operational-improvement-with-koh-young) at [www.kohyoungamerica.com/matric-group-delivers-breakthrough-operational-improvement-with-koh-young](http://www.kohyoungamerica.com/matric-group-delivers-breakthrough-operational-improvement-with-koh-young) , or watch the video case study as well as in depth interviews with [Richard](#), [Bradley](#), and [Patrick](#) at [www.youtube.com/@KohYoungTechnologyInc](https://www.youtube.com/@KohYoungTechnologyInc).

Matric have Koh Young KY8030-3 SPI and AOI and product details are available at [www.kohyoungamerica.com](http://www.kohyoungamerica.com).



###



### **About Koh Young Technology, Inc.**

Established in 2002, Koh Young revolutionized the inspection market by launching the industry's first 3D Solder Paste Inspection (SPI) system using a patented dual-projection Moiré technology. Since then, it has become the global leader in 3D measurement-based SPI and Automated Optical Inspection (AOI) equipment for the electronics industry. Based on its True3D™ measurement-based inspection technology, Koh Young has developed innovative inspection solutions for challenges with machined parts, press-fit and through-hole pins, conformal coatings, dispensed materials, and semiconductor packages. Through its constant innovation, Koh Young has secured over 3,500 global customers, and commands the dominant global market share position in the SPI and AOI markets with well over 20,000 machine installations. A customer-centric R&D focus uses our core competencies to develop innovative solutions for new and existing markets by listening to users and researching trends and applications. From the headquarters in Korea, activities spread across the world through its global sales and support infrastructure spanning Europe, Asia, and the Americas. These regional offices ensure Koh Young stays close to the market, and more importantly, its growing user base. Learn why so many electronics manufacturers trust Koh Young for reliable inspection for a smart factory at our website at [www.kohyoungamerica.com](http://www.kohyoungamerica.com).

Koh Young America • 1950 Evergreen Boulevard, Suite 200, Duluth, Georgia 30096 United States • +1.470.374.9254  
Brent A. Fischthal, Head of Global Marketing • [kohyoungamerica.com](http://kohyoungamerica.com) • [america@kohyoung.com](mailto:america@kohyoung.com)

### **About Matric**

For 50 years, Matric Group has been a leader in electronics contract manufacturing, offering services throughout every stage of the product development process. From engineering, PCB assembly, box builds, cable, and harness assembly to aftermarket services, Matric provides turnkey and board-level assembly specializing in low-to-high volume, complex assemblies that other contract manufacturers cannot handle. From the BOM, through production, to shipping the assembly, Matric Group works to ensure a high-quality, on-time delivered product. Certifications include AS9100, ISO 9001, ISO 13485, ISO 14001, Nadcap Accredited - Electronics, ITAR, RoHS Compliant, and HUBZone Certified. With over 300 associates between locations, the blend of size, experience, and industry knowledge Matric delivers quality products. Matric Group – “Electronics and People you can count on.”

Matric Group • 2099 Hill City Road, Seneca, PA 16346 United States • [www.matric.com](http://www.matric.com) • [solutions@matric.com](mailto:solutions@matric.com)