



# FAQ

*Is there a minimum production volume required to benefit from using the Cybord platform?*

Production volume doesn't limit the benefits of Cybord's platform. It can efficiently handle high-speed lines, producing large quantities of similar parts or lower-volume lines with a greater mix of components.

*What advantages does Cybord traceability offer compared to our existing traceability modules?*

Cybord traceability goes beyond traditional systems that simply log data points during production. It offers a layer of visual validation, verifying the physical components match the data record. This additional layer strengthens your existing traceability system by ensuring the accuracy of the information collected. Think of Cybord as a complement to your current system, not a replacement.

*Can P&P machines typically inspect the bottom side of components during placement?*

P&P machines are primarily designed for placement accuracy. They excel at verifying a component's presence and orientation to ensure it's positioned correctly on the board. However, P&P machines typically don't inspect for component quality, authenticity, or defects.

*While AOI machines can perform OCR, what additional benefits does Cybord offer regarding component inspection?*

Some AOI machines can use OCR to read component markings. However, OCR typically decodes the text itself, not its meaning. Cybord goes a step further by leveraging AI to interpret the information extracted by OCR. This allows us to translate the component markings into valuable data that can be used for traceability validation.



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*Does Cybord require training on specific component types or text formats to effectively identify markings with inconsistencies?*

Cybord's traceability system is designed to handle inconsistencies in component text. Our AI engine is trained on a vast library of component markings and can recognize patterns even when the text font, size, or position varies slightly. Cybord's algorithms can also learn and adapt to new component variations over time, ensuring reliable identification.

*In the case of a potential defect flagged by Cybord that later turns out to be a false positive, will this cause a delay in production?*

Cybord is designed to operate seamlessly within your production line. The system doesn't directly stop the line. Instead, it communicates potential issues to your MES or ERP system. This allows you to define the appropriate actions, such as flagging the component for review or halting production entirely. Furthermore, Cybord boasts an exceptionally low false positive rate of less than 0.01%, minimizing the risk of unnecessary slowdowns.

*Can Cybord manage component inspection within this multi-vendor environment?*

Absolutely! Cybord thrives in multi-vendor environments. Our high-scalability system powered by AI and big data gets better at identifying components the more variety it sees. This means Cybord can effectively manage component inspection from all your approved vendors on the AVL.

*For advanced ICs containing unique identification data, can Cybord's platform be used to capture and extract this specific information?*

Yes, Cybord's capabilities extend beyond basic component inspection. Our AI can potentially capture specific data encoded within certain ICs, depending on the data type and how it's marked.