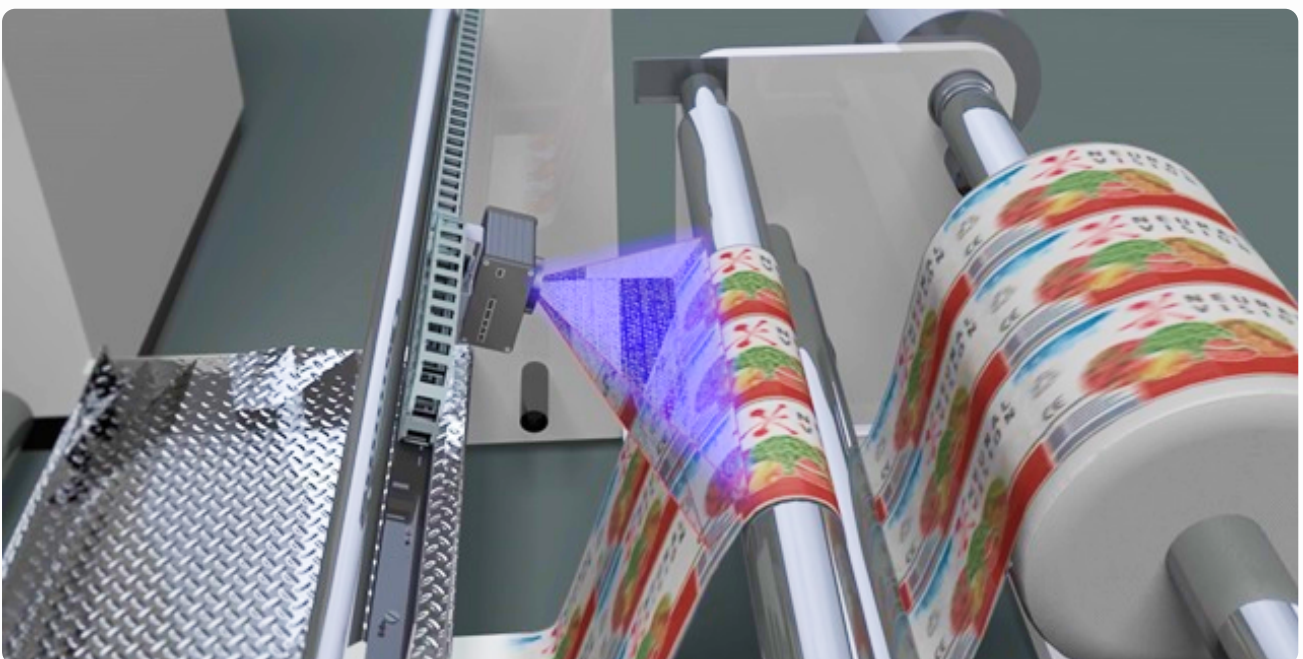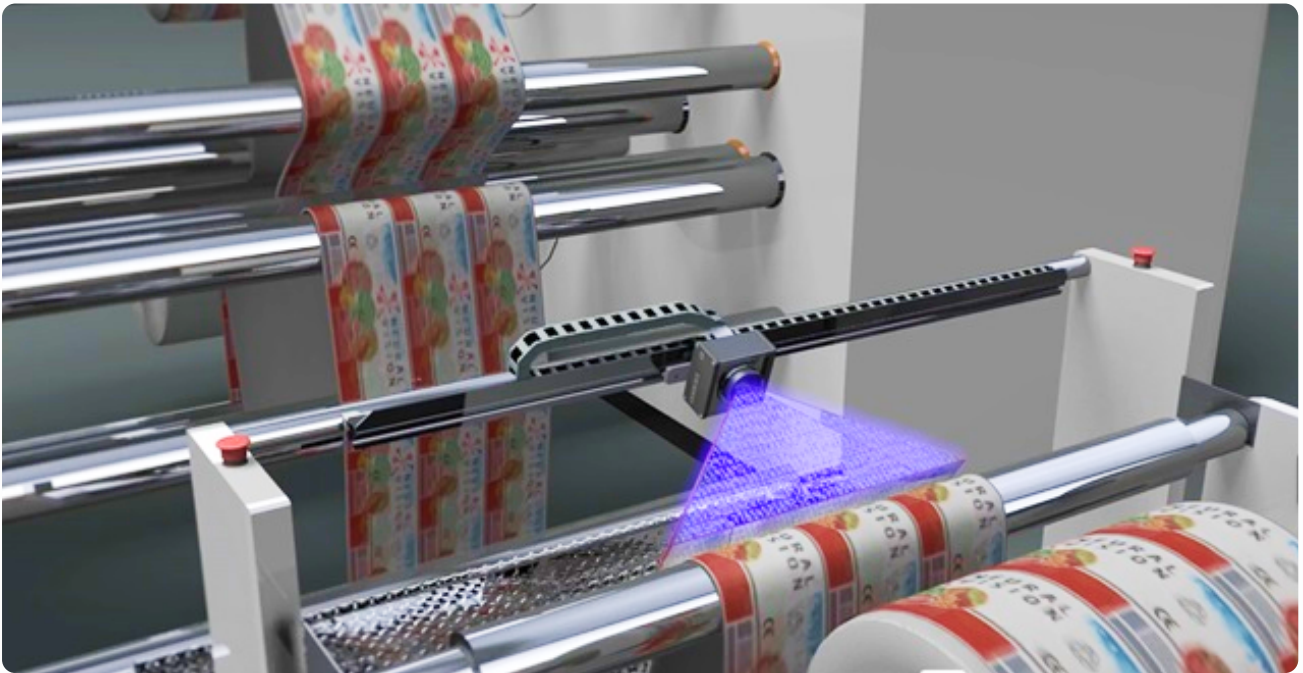# DEFECT DETECTION PRODUCT MANUFACTURING SUPPORT

Datasheet

Project objective

Establish end-to-end manufacturing process for 10 samples of defect detection devices to be used for trial operation within the machine vision system. Provide technical and management support to eliminate bottlenecks and ensure no missing components.

Result

10 prototypes of the defect detection device are seamlessly produced. The manufactured samples helped the client commence trial operations to maximize product potential, identify flaws, and create a strategy for further development before certification and mass production.

Scope of work

- Components procurement based on the initial BOM, including processor modules and long lead components
- Logistics management. Transferring the components to the manufacturing site
- Documentation updates for production, defining errors and missing components
- PCB assembly support, providing components' replacement when missing
- Final samples bring-up. Addition and adjustment of the light sources for the client's needs

Activities

- Component Selection & Procurement
- Documentation Updates
- Assembly Support
- Improvements implementation

About the project

Technologies

- C/C++
- Javascript
- Python
- MS Project
- Jira
- Confluence

Project size

- 5 SW Developers

Duration

16
month

September 2022 – January 2024