

Project Profile

Machine Vision

A global pharmaceutical manufacturer enlisted IAS, a certified Cognex vision integrator, to address inspection needs across several packaging operations. IAS proposed a comprehensive solution utilizing Cognex technology, encompassing cameras, lighting, I/O interface boards, software, and Operator Interface Terminals (OIT).

Our team of engineers handled hardware and software specification, electrical design, and documentation. We meticulously crafted and refined the vision program and developed the OIT application. Additionally, we modified the existing electrical enclosure to accommodate the new hardware requirements, and provided seamless interconnect wiring, effectively delivering a turnkey solution. The start-up and commissioning phase proceeded smoothly, thanks to rigorous internal testing. To finalize the project, IAS provided valuable validation support.

Don't hesitate to reach out to IAS for your vision requirements. Here's a glimpse into our areas of expertise:

- Label inspection
- Line scan
- Motion/Robotic guidance
- Optical Character Recognition (ORC)
- Part counting
- Part recognition
- Part ID
- Precision measurement
- Presence and /or absence detection
- Quality inspection
- Serialization
- Sorting
- SPC/SQC data integration
- Track and trace



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