LEON Robot Cell

EOL Test for a Multi Product Line

About the Cooperation

A vendor installed the production line, Konrad was asked to implement an EOL-cell without changing the conveyor belt. Konrad offered a modular approach with a small footprint. The customer chose this solution due to the ability to insert the EOL-cell into an existing line and the modularity of the system. The flexibility of the Konrad team during the development enabled the customer to stay within the timeline.

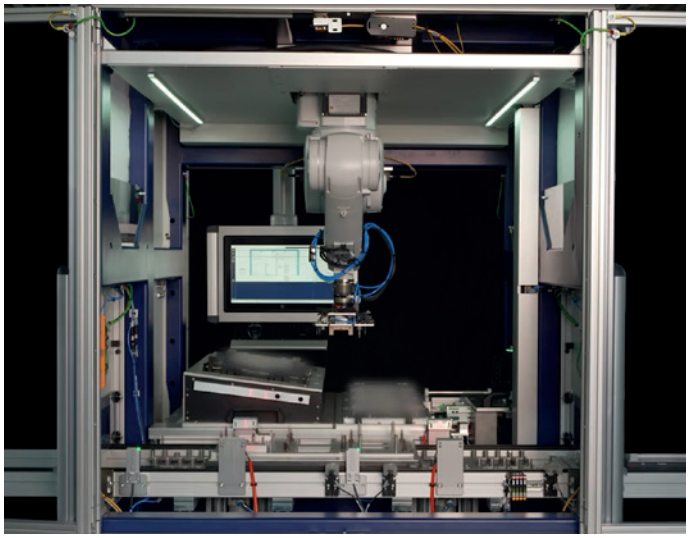
Project Scope

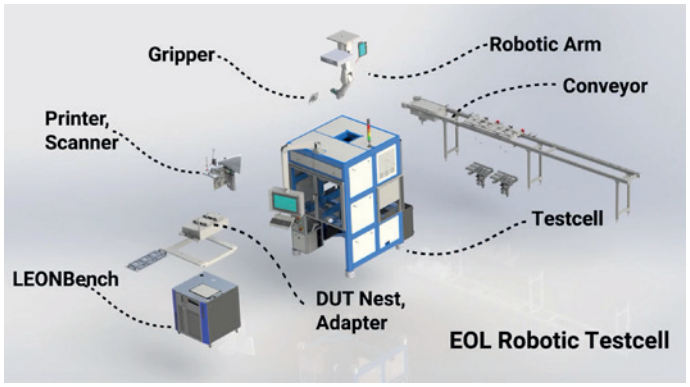
Challenges

- Existing conveyor belt
- Integrating non standard 3rd party supplier systems
- Available space / small footprint
- Changing requirements during implementation

Objectives

- Implementing EOL-test
- Integrate the solution into 3rd party line
- Flexible and modular approach





Solution

Konrad Technologies implemented a LEONBench test cell as a removable test system with a dual nest adapter and a robot on the top side of it. The system was developed to handle the whole test cycle:

- Picking the DUT from the goods carrier
- Scanning the DUT
- Placing the DUT on the test nest
- Testing
- Labelling
- Applied test procedures: FCT, EOL, Flash

Customer Benefit

The customer gained a flexible test system which can be integrated into an existing conveyor belt and used for other products as well. Due to the described values the customer wants to establish it as standard test system.

Our Know-how

- Expertise in combining complex testing with automation
- Bringing in creative ideas when collaborating with our clients
- In-house developed PXI test equipment for maximum flexibility

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