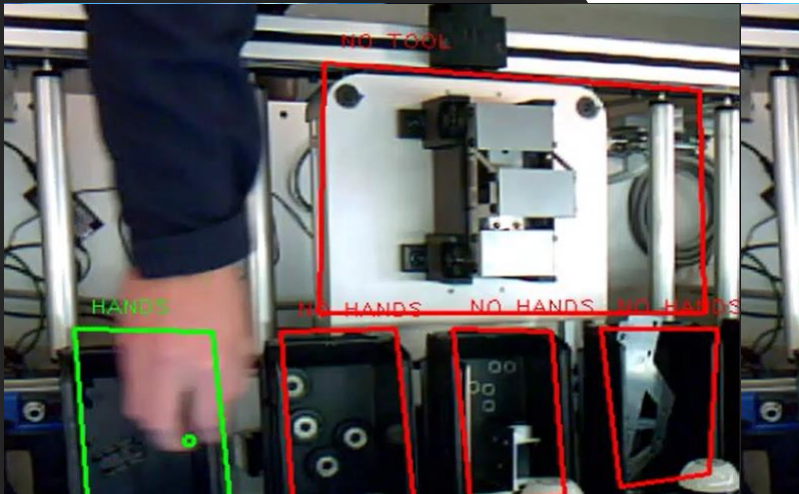


World-class African research and development organisation

THE CHALLENGE?

With the need for an agile manufacturing cell, required to build different parts at different times, with a combination of differentiated hardware to facilitate this – updating hardware, rewiring and PLC coding costs would happen frequently and this presented the need for a flexible solution



The CSIR saved 35% spend on hardware, by adopting virtual devices

RESULTS

- ✓ Virtual devices enabling cost savings on additional hardware;
- ✓ Virtual devices facilitating ease of use and facility integration;
- ✓ Introduction of machine learning to the work cell;
- ✓ Facilitates any immediate ergonomic adjustments required for operators and improved process flow;
- ✓ Adjustments to positioning are immediate and efficient

HOW DID WE DO THIS?

- By implementing ODIN Workstation throughout the work cell stations;
- Advanced vision systems with integrated machine learning capabilities in order to enable virtual devices.

OTHER BENEFITS?

- Powerful vision systems enable ease of adjustment and is in-line with agile manufacturing practices;
- Provides the platform for continued and immediate improvement to the process flow and station setup per new model/part being built.

*Click **HERE** to find out more about ODIN Workstation*