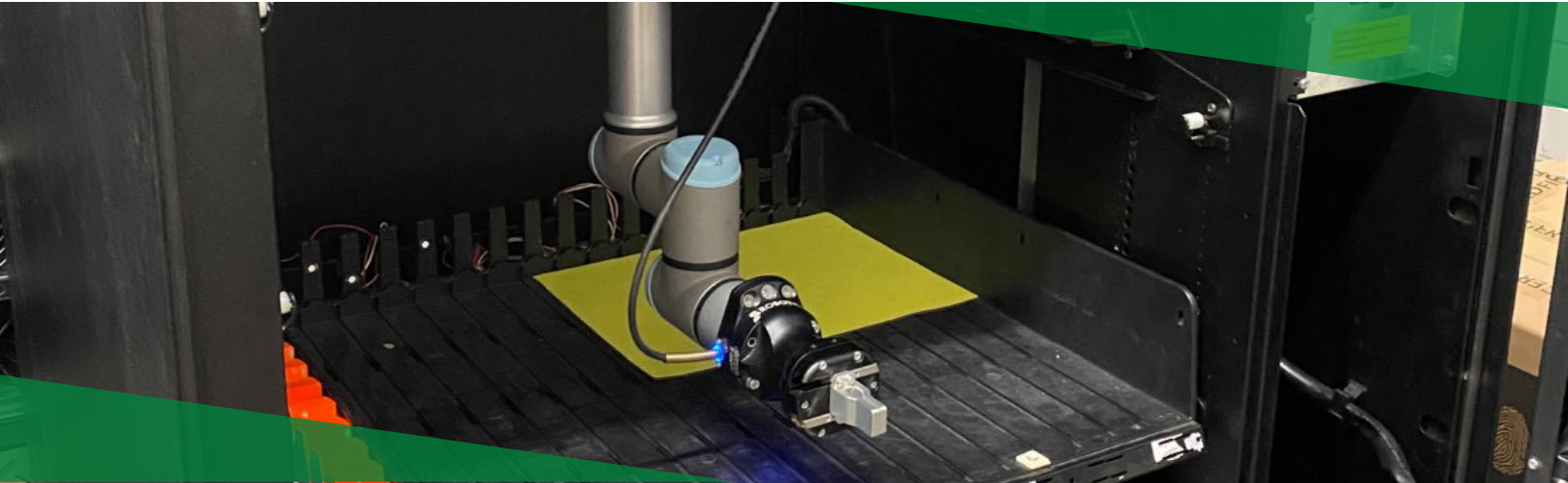


Covid 19 Vending Machine Robot



Customer Pain:

A health care supplier came to us looking for a way to use robots to test covid 19 samples. They were working with another company that had a concept for a retrofitted vending machine with an LED touch screen but required a solution for the internal mechanism of the device. They were looking for something simple and easy to operate; as to ensure implementation would be as easy and cost-effective as possible. With this enclosed space, they could prevent continued exposure of the virus that health care workers were risking each time they tested a new sample.

Solution:

Using a small six-axis robot from Universal Robots, our talented application team found a design that would fit into the confined space of the retrofitted vending machine. After that, they got to work helping the client with implementation and scalability. Teaching the client how to program the robot and ensuring that the specifics could be copied.

Results:

Implementation of the solution has been very successful. We helped the client design their new retrofitted vending machines; therefore, by doing so we helped to stop the spread of COVID-19 during testing.

Additionally, the client is investigating other opportunities within the life sciences industry.

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