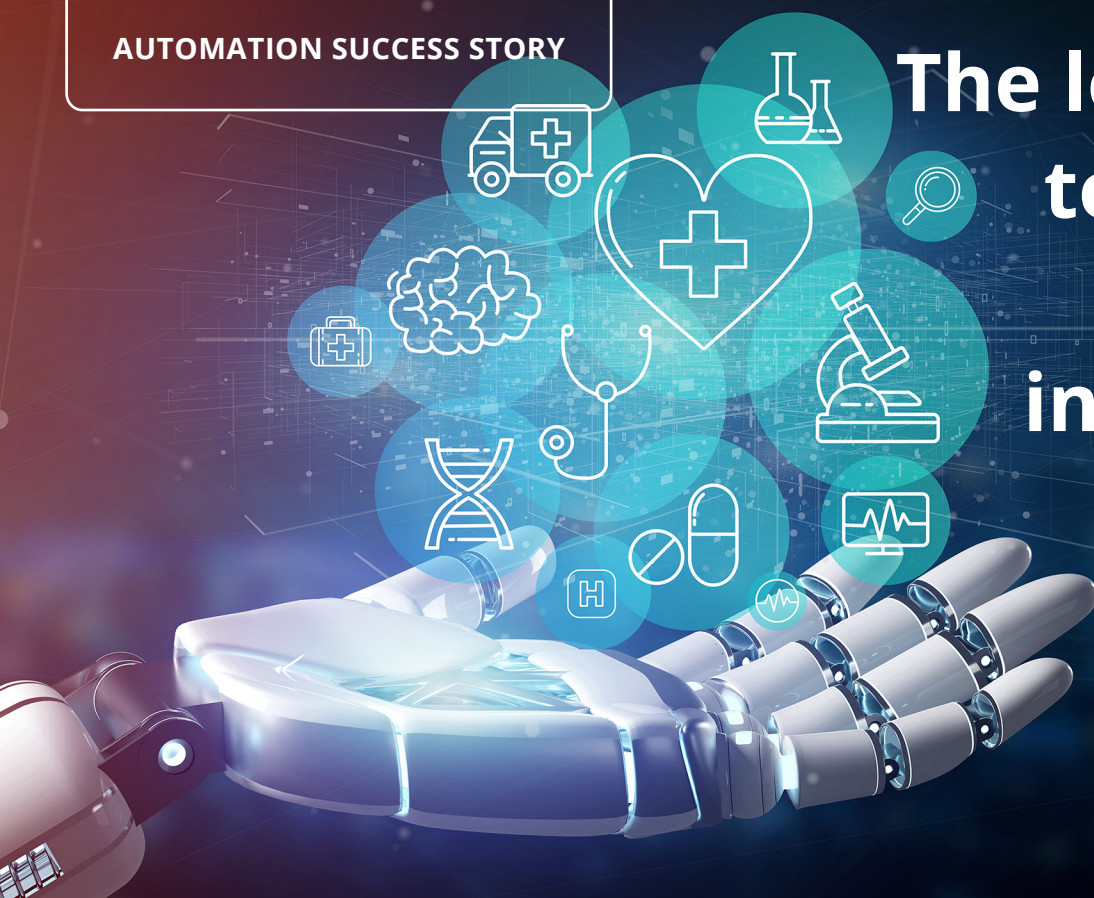


The low-risk path to biomedical production in record time



Diagnostic Automation

Situation

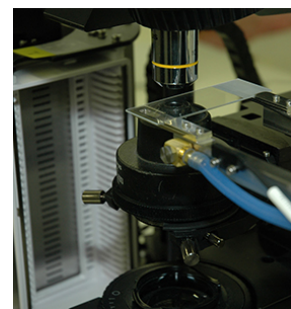
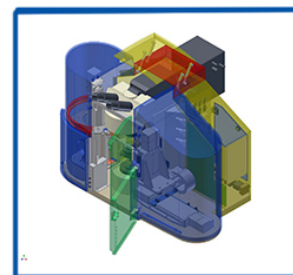
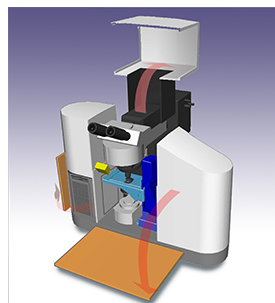
A startup biomolecular diagnostics manufacturer developed a cost-effective screening technology to assist in the early detection of cervical cancer.

Problem

An easy to use, accurate, reliable and cost-effective automation solution with an industrial design was needed to load and scan slides under a microscope.

Solution

- Designed and built a fully automated system for testing, image analysis and image capture in 14 weeks
- Interfaced to the customer's existing controls and software
- Provided fully automated slide handling with $\pm 10 \mu\text{m}$ accuracy



About Owens Design

From startups to Fortune 500 manufacturers, you can minimize risk, accelerate time-to-market, and scale high-tech production with custom design, build and turnkey manufacturing from Owens Design. OEMs meet impossible customer demands with production-ready prototypes designed and built with Owens Design. Manufacturers rapidly scale production of new products with custom automation developed by Owens. Since 1983, Owens has designed and built thousands of tools with 100% delivery, through highly experienced engineers, a proven product development process and customer commitment. Owens Design has deep expertise in semiconductors, biomedical, renewable energy, batteries, displays, and emerging technologies.



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