



Manufacturer Realizes a Revolutionized Cleaning Process through Partnership with MicroCare Medical

SITUATION

When a high-volume manufacturer of medical devices and equipment was developing a new surgical stapling device, MicroCare Medical experts discovered an opportunity to improve the company's cleaning process. After using aqueous cleaners, the manufacturer was seeing bioburden in finished devices that had not dried properly prior to being shrink-wrapped.

SOLUTION

MicroCare Medical recommended an advanced cleaning solvent that had excellent environmental properties, yet would dry quickly and eliminate the problem of bioburden, reducing risk of downstream bioburden and inventory loss. Additionally, MicroCare Medical discovered that the manufacturer was manually moving device parts between the coating and cleaning processes. MicroCare Medical suggested automation and identified an equipment manufacturer that could build custom equipment for cleaning and coating thousands of parts per day with consistency and higher yields.

RESULT

In addition to helping the manufacturer find a solution to eliminate bioburden, MicroCare Medical revolutionized the manufacturer's cleaning process. The new automated process brought a 4X increase in productivity, and a new level of quality and consistency to the coating and cleaning process. The new method proved to be so valuable that the manufacturer chose to build more custom machines and implement the process in other manufacturing facilities both in North America and Asia.