

SUCCESS STORY



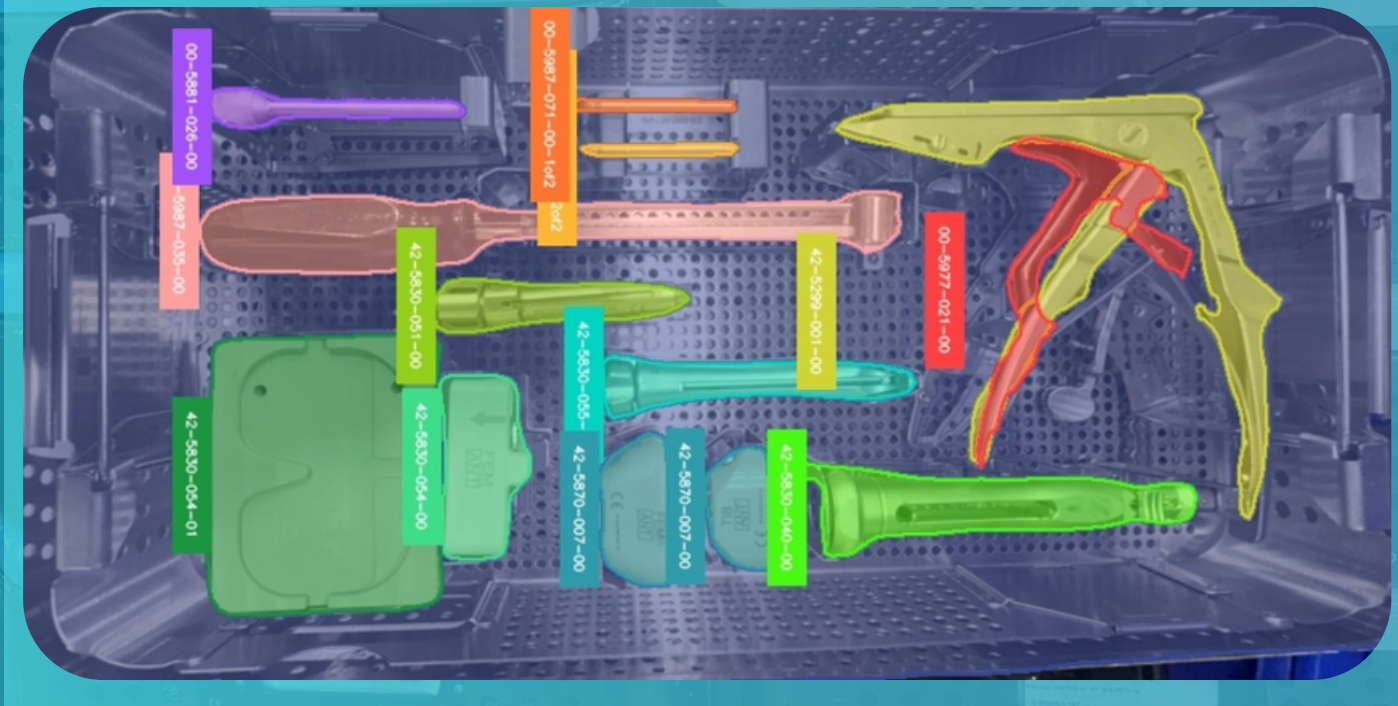
ZIMMER BIOMET
G R E A T L A K E S

Optimizes Supply Chain with AMPAworks



"The AMPAworks system for instrument tracking has enabled distribution staff to validate sets for accuracy. It also helps close the loop after procedures have been completed. Overall, AMPAworks makes the entire process more efficient."

Mario Locricchio
Owner, Distributor





About ***Zimmer Biomet*** ***Great Lakes***

As the largest distributor of Zimmer Biomet instruments in the United States, Zimmer Biomet Great Lakes has 10 distribution centers covering multiple states. Zimmer Biomet is a global medical technology company that specializes in musculoskeletal healthcare, designing, manufacturing, and marketing products for injuries and disorders of the bones, joints, and soft tissues. The company collaborates with healthcare professionals to develop innovative solutions that help millions of people restore mobility and improve their quality of life. Originally founded in 1927 in Warsaw, Indiana, Zimmer Biomet has evolved into a market leader in orthopaedic reconstructive devices.



THE *PROBLEM*

The distribution of orthopaedic instrumentation for total joint replacement procedures poses challenges for the companies that provide equipment for hospitals and surgery centers.

Instrumentation sets are sent to various hospitals on a daily basis. Some of these contain hundreds of small pieces. It is easy for things to get misplaced or lost as they go through cleaning and sterilization. Items can also get misplaced during transit.

When items go missing, it can create a substantial disruption to the distribution chain, as operation teams are forced to delay further shipments until the items are found or replaced with new products.

The cost associated with delays, as well as the high price of replacement parts can negatively impact profitability.



THE *SOLUTION*

Zimmer Biomet has been using AMPAworks' technology regional sites to help track surgical instruments to and from hospitals and distribution centers.

AMPAworks manufactures smart-shelf cameras and tray scanning kiosk powered by computer vision artificial intelligence to track inventory and provide Zimmer Biomet real-time data via AMPAworks' iOS or desktop application. AMPAworks' mobile kiosks for inventory tracking have been implemented in select Zimmer Biomet warehouses. These kiosks allow representatives to capture images of medical devices using their smartphones for proof of delivery and chain of custody. Having the ability to track the equipment throughout the process provides real-time data to validate the integrity of the system.

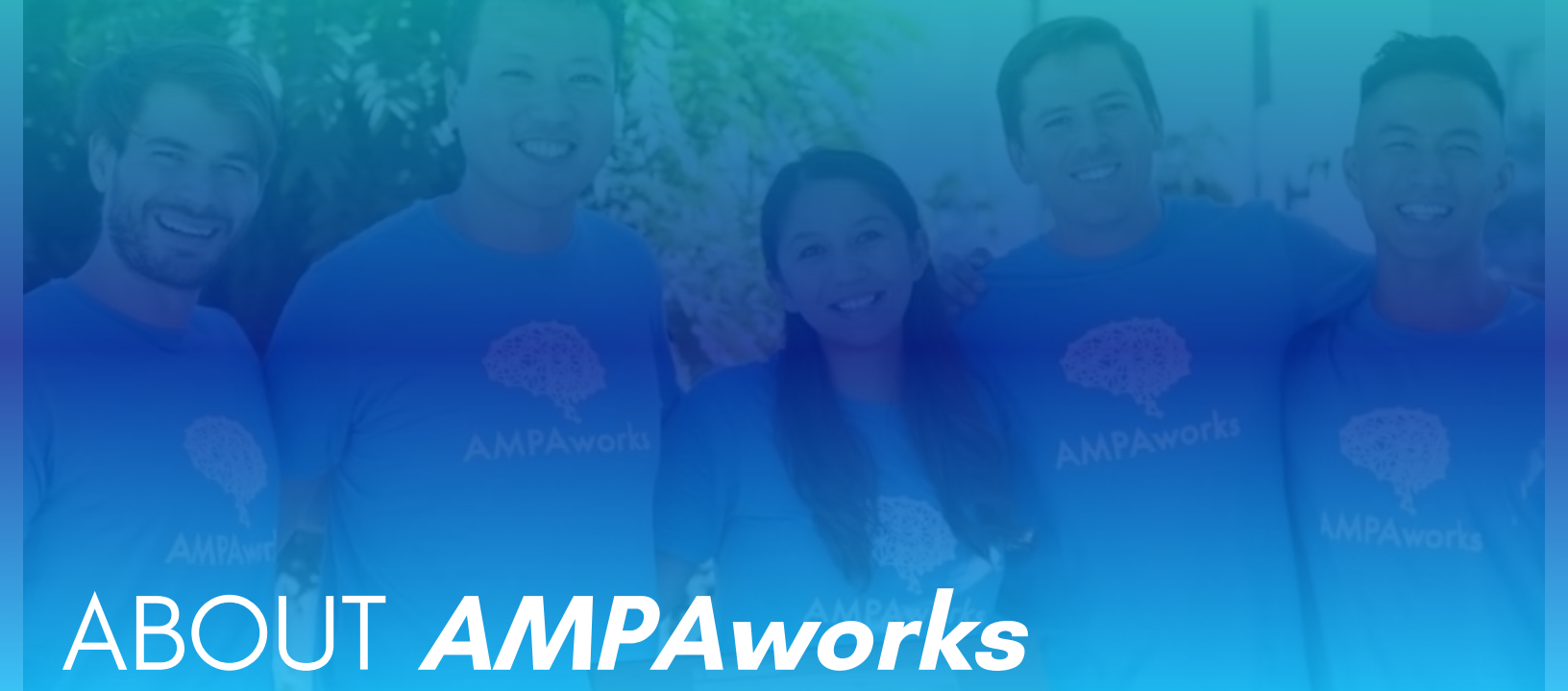


THE *BENEFITS*

24.7%

Reduced instrument loss

- ***Chain of Custody Capabilities:*** Before AMPAworks, inventory would often go missing between distribution and delivery. This would sometimes cause a divide between Zimmer Biomet representatives and hospital employees. AMPAworks helps clarify any discrepancies, as asset movement is tracked in-app.
- ***Quality Control:*** This solution allows Zimmer Biomet to pinpoint exactly where issues may arise in the distribution process. Additionally, the kiosks provide end-to-end visibility and validation.
- ***An Endless Future of Innovation:*** AMPAworks is planning to create a future capability to track devices on a granular level through the surgery lifecycle: pre-operation, post-operation, and sterilization.



ABOUT *AMPAworks*

We are a team of doctors, nurses, and engineers who have come together to help organizations build an efficient supply chain infrastructure through cutting edge technology. Our award-winning technology has been recognized by Black Book Market Research, HIMSS Healthcare, the American Nurses Association, the Los Angeles Business Journal, and The University of Pennsylvania. We are passionate about helping frontline workers have the tools and supplies they need to provide high quality service and care for patients and customers.