

"We are really excited about the opportunity we have at Mach Medical to make a significant impact on the cost, quality and performance of orthopedic implants in the U.S. and around the world. The partnership with Columbus U.S., leveraging Microsoft technologies and Industry 4.0 cutting-edge technologies, will support Mach Medical's plans to deploy a proprietary high velocity, single-piece flow manufacturing approach"

- Steve Rozow, General Manager, Mach Medical

Life Sciences contract manufacturer revolutionizes the orthopedic supply chain with Microsoft Dynamics 365.

Mach Medical was established to revolutionize the orthopedic supply chain by creating a contract manufacturing operation capable of building the highest quality joint replacement implants from a patient's pre-operative surgical plan and supplying that product in time for their surgery. The company will employ cutting-edge Industry 4.0 methods as well as proprietary technologies in its high velocity, single-piece flow manufacturing approach to trim per-part manufacturing costs by 30%, decrease inventory holding cost by 80% and cut time-to-market for new products by 1-2 years.

Outcomes:

- Mach Medical plans to leverage Microsoft Dynamics 365 Finance and Supply Chain Management and Azure Machine Learning to create advanced analytical models that will be central to its goal of lowering inventory levels, trimming per-part manufacturing costs, and cutting time-to-market. Mach Medical also plans to expand Dynamics 365 with a portal accessible by physicians or OEMs for tracking the status of devices required for procedures.



PRODUCTS AND SERVICES

Microsoft Dynamics 365
Azure Machine Learning

ORGANIZATION SIZE

Medium

INDUSTRY

Life Sciences Manufacturing

COUNTRY

USA