

Triumph Group

Introduction

This case study of Triumph Group is based on a November 2017 survey of Hexagon Manufacturing Intelligence customers by TechValidate, a 3rd-party research service.



“The Leica Absolute Tracker has given me more insight and confidence into my manufacturing process.”

“Quality improved after using our Leica Tracker.”

Challenges

The business challenges that led the profiled company to evaluate and ultimately select Hexagon Manufacturing Intelligence:

- Faced the following challenges in their inspection process before partnering with Hexagon Manufacturing Intelligence:
 - Ensuring that dimensional stability requirements and quality specifications were met
 - Comparing CAD models to as-built assemblies
 - Aligning parts for assembly
 - Determining tool and die wear
 - Reverse engineering parts and components
- Evaluated the following vendors before choosing the Leica Tracker:
 - FARO
 - 3D Scanning (Atos)

Company Profile

Company:
Triumph Group

Company Size:
Large Enterprise

Industry:
Aerospace & Defense

About Hexagon Manufacturing Intelligence

Hexagon Manufacturing Intelligence helps industrial manufacturers develop the disruptive technologies of today and the life-changing products of tomorrow.

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Results

The surveyed company achieved the following results with Hexagon Manufacturing Intelligence:

- Chose a Leica Absolute Tracker for the following reasons:
 - Ease of use
 - Superior training and support
- Agrees that it was easy to learn how to use the Leica Tracker as compared to similar products.
- Leica Tracker features that enabled a reduction in the amount of time dedicated to inspection tasks:
 - Six degrees of freedom (6DoF) probing capabilities
 - Speed and scanning volume of the Leica T-Scan
 - Flexible (Reflector, Probe, Scanner) solution that can be used in a wide variety of inspection applications
- Increased productivity at their facility by 30-39% after using their Leica Tracker.
- Saw a return on their investment in 4-6 months after using their Leica Tracker.