

Siemens Ag

Introduction

This case study of Siemens AG 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 in my manufacturing process.”

“The Leica Absolute Tracker replaced an expensive and cumbersome model that was required to check part alignment and fit. Moreover, these models were unique to each style and were expensive to manufacture and store. They took a good deal of time to set up and align. The Leica tracker eliminated all that and allowed for precise measurements and comparison to a mock up of the final assembly.”

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
- Evaluated the following vendors before choosing the Leica Tracker:
 - FARO

Use Case

The key features and functionalities of Hexagon Manufacturing Intelligence that the surveyed company uses:

- Agrees that the Leica Tracker was their first choice when choosing a portable laser tracker solution.

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
 - Great value
 - Portability
 - Probing and/or scanning abilities
- Agrees that it was very 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
 - PowerLock functionality for quick measurements after interruption of the line of sight
 - Flexible (Reflector, Probe, Scanner) solution that can be used in a wide variety of inspection applications
- Increased productivity at their facility by 40% or more after using their Leica Tracker.
- Saw a return on their investment in 12-24 months after using their Leica Tracker.

Company Profile

Company:
Siemens AG

Company Size:
Large Enterprise

Industry:
Industrial Manufacturing

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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