



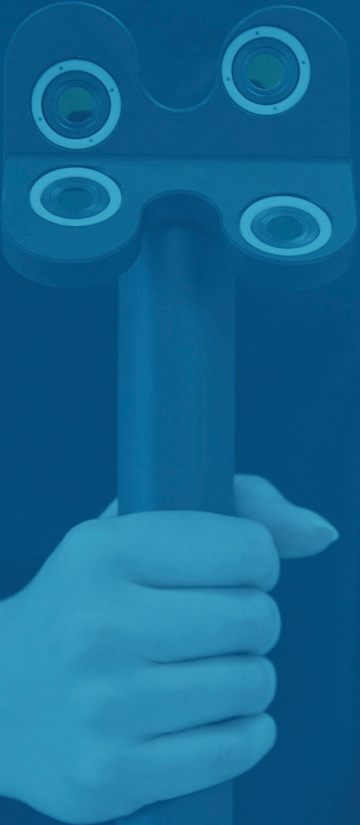
Introducing Polaris IFC™

Beyond Verification — **Now You Can Check and Correct**

Precisely™

The Polaris IFC™ (In-Field Calibration) tool enables easy on-site accuracy verification, and correction of the Polaris Lyra® Optical Tracker. Whether on the manufacturing floor or in a clinical setting, this innovation ensures uninterrupted workflows and optimal tracking precision.

Reduce downtime, prevent unnecessary Optical Tracker returns, and uphold the highest standards of performance. **Wherever precision matters most.**



Why Calibration Matters

Every optical measurement system experiences gradual drift over time. In image-guided medical applications, maintaining calibration accuracy is essential to preserve clinical reliability. Polaris IFC™ provides an efficient solution for routine verification, service checks, or post-impact recovery.

Typical Use Cases:

- Upon installation
- During annual service checks
- After mechanical or environmental impact

If the accuracy inspection shows a degradation in performance, the Optical Tracker can be easily corrected to restore the original accuracy specifications.

Key Benefits



Convenient

Perform checks anytime, anywhere, with compact, portable design.



Easy

Complete checks in under 2 minutes; accuracy corrections in under 10 minutes.



Dependable

Increase customer trust and ensure in-field Optical Tracker reliability.

Proactive Performance Monitoring

By integrating IFC procedures into routine maintenance, OEMs can detect performance degradation early and act proactively — maintaining long-term system integrity and customer satisfaction.

How It Works

The Polaris IFC™ operates through two streamlined workflows, allowing flexibility based on field requirements:



Quick Check

Fast validation that confirms optical tracker accuracy against specifications.



Check & Correct

Comprehensive test with automatic correction when accuracy drifts are detected.

Field service engineers can conduct precision checks directly on-site, minimizing service disruptions and ensuring consistent measurement accuracy.

About NDI

NDI is the recognized global leader and industry pioneer of Optical and Electromagnetic tracking technology

Backed by 45 years of innovation and expertise, we're the strategic partner of choice for the world's top medical device OEMs, advancing the development of OEM navigation platforms.

Precisely. It's our way, and your advantage.



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Polaris IFC™ is a general-purpose metrology instrument and is not approved, cleared, or developed for medical use. Suitability of Polaris IFC™ and its associated tools for any specific application must be determined by the OEM or end user. Testing, certification, and validation are the responsibility of the OEM or end user and must be completed prior to use in any medical application or any application involving human subjects. Specifications are subject to change without notice due to ongoing product improvement.

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