



Helping You Build the Business Case for Automated Metrology

Supporting High-Precision Manufacturers in Making Smart, Data-Driven Investment Decisions

1. Understanding Your Challenges

We take a consultative approach to uncover the key pain points impacting your quality, throughput, and costs. Our discovery process ensures we align potential solutions with your business and operational objectives. We assess areas where automation and advanced metrology can deliver measurable value.

2. Developing the Business Narrative

We work with you to articulate the strategic benefits of investing in automated metrology solutions. Our team helps craft a clear, compelling story that communicates how metrology enhances:

- + Process control – Reduce variability and improve quality.
- + Productivity – Minimize downtime and increase throughput.
- + Cost savings – Reduce scrap, rework, and labor costs.
- + Compliance & Traceability – Meet industry standards with confidence.

3. Cost Justification Framework Guidance

We provide a structured framework for assessing the financial impact of metrology investments. The framework outlines key considerations, including: Current inefficiencies & costs (scrap, downtime, manual inspection costs). Projected savings & ROI factors (cycle time reduction, yield improvement). Intangible benefits (customer confidence, risk mitigation). While we do not build the ROI analysis, we guide you in working with your internal finance teams to complete it.

4. Why MSI Viking?

Expertise in automated metrology solutions – CMMs, X-Ray CT, 3D Scanners, Vision Systems & more. Proven process that helps manufacturers justify and secure funding for capital investments. Strong post-sale support to ensure long-term success with your metrology investment.

Let's Discuss Your Needs

Contact us to explore how we can help you develop a strong business case for investing in automated metrology.