

**Title:** Universal Metrology Automation

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**Explanation of topic:**

Traditional quality assurance is a cost center requiring labor intensive manual effort to implement complex methodologies to enforce and achieve production goals. Universal Metrology Automation uniquely allows you to rapidly unify best in-class technology that inspects parts on the production line with ease and speed – allowing your organization to gain real-time production intelligence that improves the manufacturing process, reduces time to market, and mitigates scrap. We will review two different case studies in addition to understand the simplicity of the solution.

**Biography:**

Paul Oberle has a B.S. in Mechanical Engineering from the University of Missouri. He is based in Detroit, Michigan and his career spans through a variety of leading metrology companies including FARO, New River Kinematics (Spatial Analyzer), and INOVx. Paul joined 3D Infotech in 2013, the Master Distributor of PolyWorks in the Western United States since 2005. As the Director of Business Development, Paul is focused on expanding the use of point cloud engineering applications including inspection, reverse engineering, and BIM modeling. Mr. Oberle has contributed his metrology expertise to large- and medium-sized manufacturing organizations by bridging the gap between product development and manufacturing. Paul Oberle is a keen advocate of utilizing PolyWorks, and Universal Metrology Automation for making intelligent manufacturing decisions.

**Learning Objective:**

1. Understand the challenges created by manual quality assurance methodologies.
2. Witness the reality of the smart factor and the value to both large and small organizations.
3. Possess the knowledge needed to pave your own path to success.

<https://www.3dinfotech.com/news/40-how-cobots-are-changing-quality-assurance>