



# CUSTOMER STORY

Discover how Beverston Engineering brought their part inspection to the shopfloor with VICIVISION UK, boosting production productivity, reducing scrap components and improving part quality.

# PROJECT BRIEF

For over 50 years, Beverston Engineering has specialised in manufacturing precision machine parts for demanding industries like aerospace, oil and gas, pharmaceuticals and nuclear. To meet customer demands and maintain its market-leading position, Beverston partnered with VICIVISION UK to enhance inspection processes.



Facing intense competition and the high demands of their industries, Beverston needed to stay ahead of its competitors.

Inspecting parts in the quality department, away from the shopfloor and using CMMs, caused delays in part approvals. This often led to CNC operators producing multiple incorrect parts before faults were identified, resulting in reduced productivity, higher scrap levels and increased costs.

Recognising an opportunity to boost productivity, Beverston sought a solution that enabled instant part checking directly on the shopfloor.

Rod Wah, Beverston Engineering Managing Director, said: “The company has survived for so long because we’re constantly evolving and changing.

“Because we’ve done that, we’re able to supply our customers with the right price, the right quality and deliver on time.”

With a drive to modernise and streamline production, Beverston required an inspection solution that would streamline the process while also giving CNC operators visibility on the parts they are producing almost instantly.

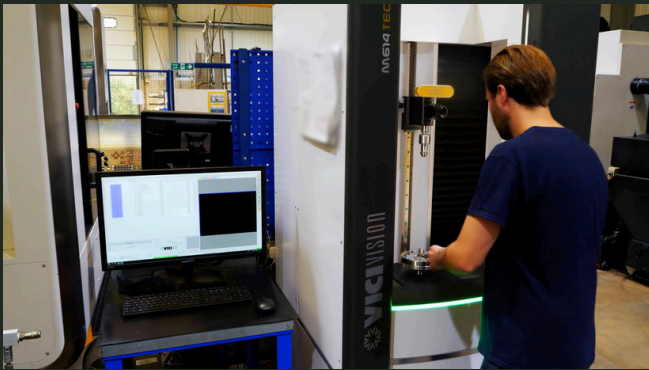


# THE SOLUTION



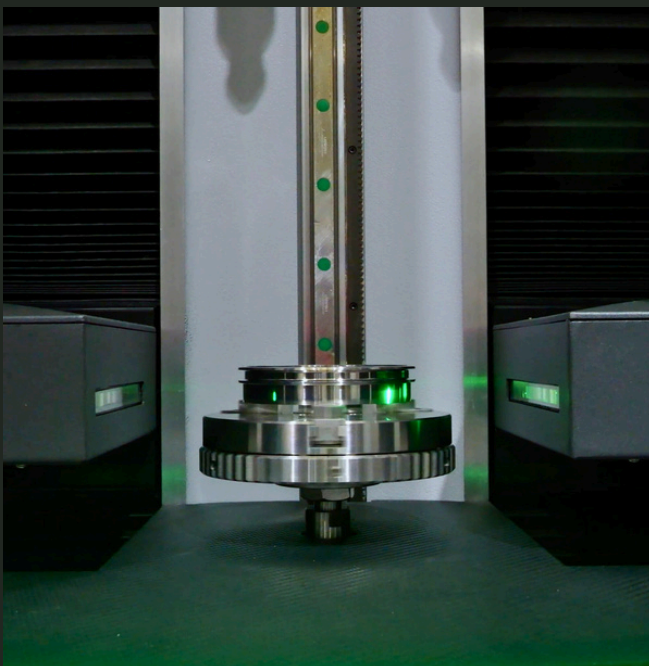
Beverston first invested in the VICIVISION M309 optical measurement machine. Recognising its benefits, they soon added a second machine, the M614, which accommodates larger part sizes.

Rod said: “We learned about the VICI machines through OGP, which is a member of the Carfulan Group, and once we bought our first machine, we realised how good it was.”



The VICIVISION machines are strategically positioned on the shopfloor, next to machine tools. Operators can quickly inspect freshly-made components by running pre-programmed routines at the press of a button.

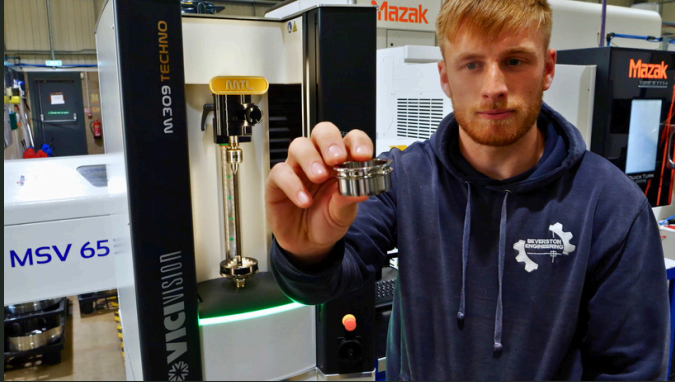
In minutes, operators receive visual indicators showing whether part features are within tolerance. If adjustments are needed, they can modify the next production cycle, preventing a series of scrap components.



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**Everybody was queuing up to use the VICI and there was a backlog. I thought ‘I need to buy another one’.**



# THE BENEFITS



Implementing VICIVISION optical measurement technology has significantly impacted Beverston, strengthening its position for future growth and enhancing customer relationships.

For the CNC operators on the shopfloor, the convenience of inspecting parts right next to their machine gives them complete confidence in the parts they are making.

This confidence translates into increased productivity, enabling higher-quality parts to be produced while inspections are conducted during the next production cycle.

Jay Wright, Precision Engineer at Beverston, said: "For some components, it would be impossible to record the number of dimensions at the speed VICIVISION allows. Without it, we couldn't achieve our current production volumes."



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We've now got a forward order book that is the best it's ever been and that's all come about by investing in new machines like the VICI. This is what's keeping Beverston at the forefront of our competitors and with our customers.

Rod Wah, Managing Director





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