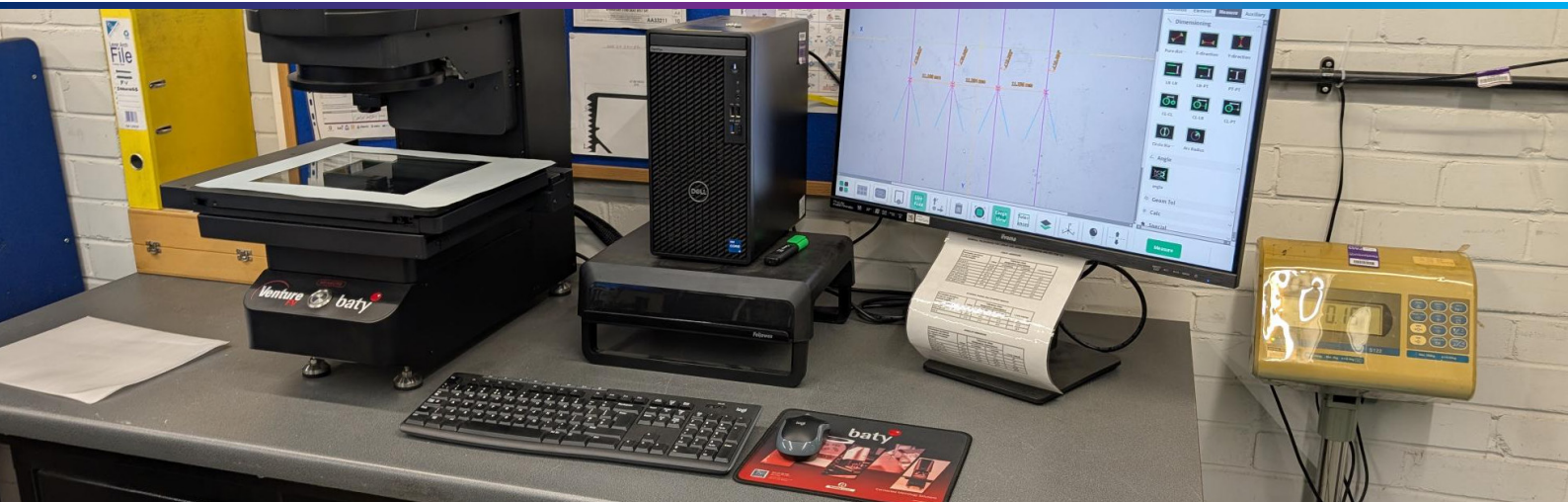




Handicare Sees Quality and Efficiency Skyrocket by 98% with the Baty Venture FV Vision System



Customer

Handicare

Industry

Manufacturer of Accessibility Solutions

Challenge

With more complex designs, manual inspection methods caused bottlenecks and delayed feedback, risking speed of part approval to release to production.

Solution

Baty Venture FV 2020

APPLICATION BACKGROUND

For more than 130 years, Handicare, part of Savaria Corporation, has been a trusted global manufacturer of stairlifts, platform lifts, and home lifts. The company's mission is to support independence and mobility, helping people live comfortably and safely in their own homes for longer.

In the UK, Handicare works closely with healthcare providers, installers, and mobility retailers to deliver reliable, safety-critical solutions that customers can depend on every day.

THE CHALLENGE

As designs evolved and components became more intricate, Handicare's manual measurement methods began to limit efficiency. Traditional systems such as manual CMMs and shadowgraphs were time-consuming and operator-dependent.

This created inspection bottlenecks and delayed feedback to production, an undesirable outcome for a manufacturer whose products are used daily by vulnerable people. To maintain its reputation for safety and quality, the company needed a fast, accurate and traceable measurement system capable of handling increasingly complex parts.

THE SOLUTION

Seeking a modern and efficient inspection process, Handicare invested in the Baty Venture FV 2020 Vision System from Bowers Group.

Installed as part of a continuous quality improvement programme, the FV was integrated into both the Quality and Engineering departments. It is now used daily for the dimensional inspection of precision mechanical components such as carriage brackets, drive train components, mounting plates, and other safety-critical

parts that demand absolute accuracy.

The FV 2020 allows engineers to verify dimensional tolerances directly against CAD data, making it ideal for use during new supplier introductions, prototype validation, and ongoing production checks. By digitising and automating measurement, Handicare has achieved a faster, more precise inspection workflow that delivers consistent, repeatable results.

Since implementing the Baty Venture FV, the company has seen inspection times cut by up to 98% on complex components, improved consistency, faster product validation, accelerating development and production as well as now having traceable, repeatable measurements that enhance confidence and compliance.

The machine's speed and repeatability have transformed Handicare's inspection process, helping the company maintain its strict quality standards while improving operational efficiency.

The quality team found the FV intuitive and easy to operate, reducing dependency on manual skill. The system's automation capabilities have simplified complex measurement tasks, allowing staff to capture and report detailed data with confidence. Bowers Group's comprehensive installation and training support ensured the system was quickly adopted into daily use, something that has been a key factor in achieving rapid results.

The Baty Venture FV 2020 has become a key part of Handicare's quality assurance process, helping the company deliver products that meet the highest standards of safety and reliability. For a business built on trust and quality, the investment has strengthened the company's ability to produce safety-critical components efficiently and consistently.

The project also demonstrates how Bowers Group's advanced vision systems enable manufacturers to modernise their inspection processes, improving both productivity and peace of mind.

"The Baty FV 2020 has transformed the way we measure and validate our components. It is fast, accurate, and easy to use, giving us full confidence in the quality of our products."

COMMENT

Andrew Williams, Quality and Compliance Director Europe RoW, Handicare said: "The Baty FV 2020 has transformed the way we measure and validate our components. It is fast, accurate, and easy to use, giving us full confidence in the quality of our products. The support from Bowers Group has been excellent, and the system has become an essential part of our quality assurance process."





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