

CUSTOMER STORY

Astemo

Mobility Beyond

HOW DO YOU GUARANTEE
COMPATIBILITY WITH A WIDE RANGE
OF MEASURING EQUIPMENT?



Astemo chose Metrolog X4, guided by the metrology expertise of a specialist with 20 years' experience.

At the end of 2024, Astemo Americas (formerly Hitachi Astemo Americas), a global player in the automotive and electric motor components sector, began deploying Metrolog X4 software in its quality control operations.

Although Metrologic Group is a new partner for the company, the choice to adopt X4 was strongly influenced by the metrology expertise of David, a new team member with extensive experience of Metrolog X4 in his previous positions.

COMPANY INVOLVED

Astemo
Mobility Beyond

Astemo is committed to contributing to a sustainable society and improving quality of life by providing state-of-the-art advanced mobility solutions. With cutting-edge innovations in electrification, autonomous driving and advanced chassis and motorcycle systems, it's shaping the future of mobility.



Kentucky (USA)

MEET OUR SPEAKERS

David CASTANON
Metrology Expert



Learn more about Astemo Americas



CHALLENGE

A diverse and constalty evolving metrology environment

Astemo Americas operates in highly demanding sectors, where tight tolerances and measurement accuracy are essential, such as automotive stamping and electric motor components. Like many global manufacturers, its inspection infrastructure incorporates a mix of coordinate measuring machines (CMMs) and scanning systems from different brands.

This diversity generates recurring integration challenges, often requiring specific training and additional configurations for each system. To guarantee long-term performance and simplify deployment, the company needed a flexible, future-proof metrology solution.





KEY FACTOR

A long-standing Metrolog X4 user joins the team

David brought with him over twenty years' experience with Metrolog X4 software, notably at Gestamp. He had also worked with other platforms such as PCDMIS, giving him a broad vision of the metrology solutions available.

On the strength of this experience, he recommended Metrolog X4 as the best solution to meet Astemo's current and future needs. The main advantages identified were

- An intuitive, user-friendly interface
- Extensive compatibility with leading CMMs and scanners
- The ability to standardize processes across a heterogeneous fleet
- High-quality technical and after-sales support from Metrologic Group



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"In my previous position, Metrolog X4 enabled us to standardize our entire metrology department, whatever the equipment used. Its simplicity, compatibility and technical support made it an indispensable tool. I'm convinced it will bring the same value to Astemo."

David, Metrology Expert



IMPLEMENTATION

Strategid deployment under way

Astemo Americas is currently adopting Metrolog X4. The main objective is to simplify quality control processes and unify metrology operations via a single software platform.

This deployment aims to :

- + Facilitating operator training and integration
- + Improving interoperability between different types of equipment
- + Reduce downtime due to system transitions or compatibility problems
- + Setting the scene for a more connected, efficient inspection workflow



OUTLOOK

Building on a proven experience

Although the deployment is still in its early stages, the decision to implement Metrolog X4 was taken with confidence, based on David's expertise and the software's proven effectiveness in similar industrial contexts.

With the support of Metrologic Group, Astemo Americas now has a reliable, scalable solution.