



## Q-DAS & SFx powered by Xalt

Leverage factory data to optimize processes and products

Quality, reliability and expertise have shaped the growing success of the Q-DAS quality assurance software portfolio. Now you can make Q-DAS data more readily available and accessible by pairing it with Hexagon's SFx Powered by Xalt solutions. This unique combination significantly enhances the quality inspection and machine tool compensation process.

With Q-DAS Process Control and SFx Powered by Xalt, you can optimize quality, reduce costs and bring transparency to the processes and operating conditions of your connected production systems. Guaranteed quality can be achieved only by linking quality processes, ensuring continuous monitoring and acting on production issues as soon as they are identified.

The pairing of Q-DAS and SFx provides a superior alternative to traditionally resource-intensive, costly production-related inspections. Our transformative solution is based on random sampling, SPC (statistical process control) and reliable statistics combined with a mobile-enabled work process to save time and money.

### The power of pairing

This paired solution simplifies SPC using Q-DAS to alert the operator with process data and recommends actions based on reliable, recognised procedures. This empowers operators to self-check, enabling quality control directly in production. At the same time, SPC creates transparent processes, since current and historic process capability can be evidenced at any time.

At the same time, SFx provides a tailored mobile workbench that links quality and operational processes such as quality inspection, machine downtime with root cause analysis (RCA), and SPC and machine compensation with overall maintenance. Operators and supervisors can access specific views and are linked to all processes for data-sharing across the production lifecycle.

## Digital solutions. Quality insights.

Optimize quality while reducing costs.



**Improve connectivity**



**Gain visibility**



**Automate notifications**



**Maximize productivity**

## Why Q-DAS?

The Q-DAS eMMA Online Monitoring Solution is the most comprehensive in the eMMA portfolio. In addition to integrating data management, 3D interactive analysis of measurement results and classical PDF reporting, this solution includes a web-based module that enables real-time production monitoring. Users can quickly and easily identify specific areas in produced parts, or critical phases in production, and take corrective measures.

Q-DAS IMC V2 offers clear communication between machine tools and the Q-DAS database. It forms the basis for usable data in the manufacturing process and enables detailed insights into the data to evaluate the history to make future process improvements.

QDAS IMC lets you connect to CNC machines to integrate automatic machine tool compensation based on a machine tool feedback loop. Sfx notifies the operator when offset compensation data is available to update the machine controller. It also allows the operator to get a complete tool compensation overview and view historic machine compensation updates on a mobile workbench, enabling operators to seamlessly hand over operating shifts.

## Key benefits of Q-DAS & Sfx Powered by Xalt:



Improve quality, reduce costs and bring transparency to your connected production systems.



Increase visibility into quality processes and capabilities across the production lifecycle.



Reduce scrap with 3D interactive workpiece modeling.



Extend machine life and reduce overall wear.



Improve communication by notifying the appropriate person when an issue occurs or when an issue is trending.



Connect the mobile workforce by providing information access to engineers as they move around the plant.

Hexagon's Sfx solutions equip factories to be smarter, more flexible and more productive by moving captured data from where it is created to where it adds value.

To learn more about how we help manufacturers leverage data to make improvements to processes and products, visit [www.hexagonmi.com](http://www.hexagonmi.com).

## Accelerate your digital transformation

Hexagon is a global leader in digital solutions that improve productivity and quality for manufacturing, infrastructure, safety and mobility applications. We create Smart Digital Realities that empower the future of autonomy across production and urban ecosystems.

Hexagon's Xalt Solutions accelerates your digital transformation by solving your workplace challenges with the industry's most agile framework, supported by innovative, tailored solutions.