

Integrated calibration solutions improve chemical plant performance

Beamex hardware, software, capable of seamless communication with maintenance management systems, along with professional services create an automated process for chemical plants.

beamex
A BETTER WAY TO CALIBRATE

Learn how to do more with less

Leading chemical plants learn how to save time



Monsanto, Soda Springs, Idaho

After the incorporation of Beamex's integrated calibration solutions, calibrations that would take all day are now performed in a couple hours.



**BASF, Wyandotte, Michigan,
plant commissioning by CH2M Hill**

The estimated the savings in troubleshooting time and gain in loop check efficiency was on the order of several man-weeks.

Long term sustainability

As you look to the future and the stability of a long-term, strategic calibration program, there are common concerns, such as:

- aging workforce, and the ability to back fill valuable experience
- compliance & regulatory issues due to poor documentation
- impact of poor calibration processes on operations and safety

For 40 years, Beamex has helped 10,000+ companies improve their process of performing and managing calibrations. The combination of technology and our expertise is what makes Beamex a unique company.

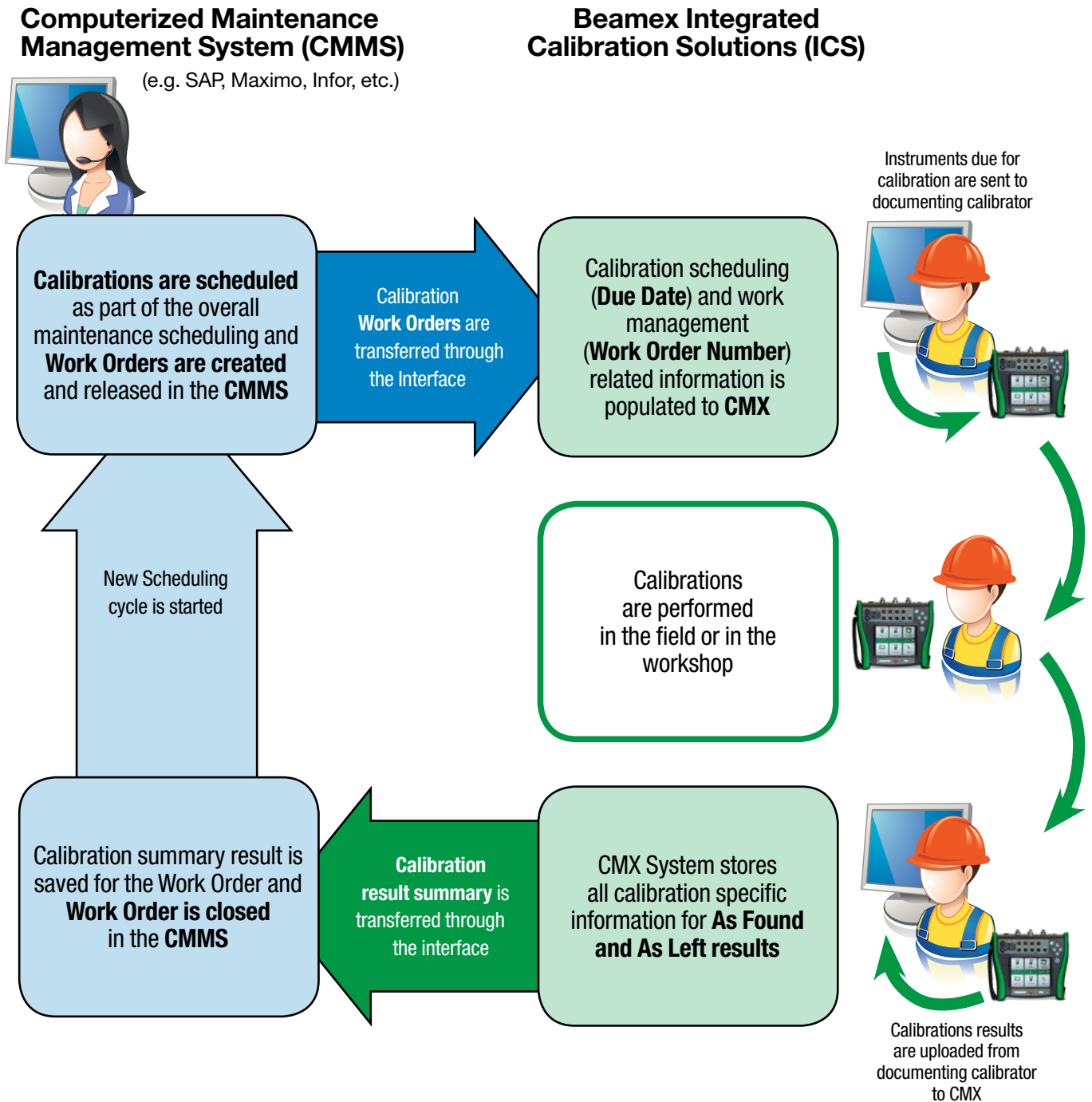
Rely on Beamex

Today, many chemical processing plant professionals are:

- apprehensive about new calibration system implementation
- worried about the costs and time required for calibration
- frustrated with the amount of time spent on administrative tasks
- concerned about human errors when performing calibrations

The average Beamex implementation team member has 10+ years' of experience in system implementation and process change. Our team has a unique combination of calibration process, IT and project management expertise – the critical skills required in any system implementation.

Calibration workflow – Integrated Systems



How it works

Beamex's calibration management software, CMX, integrates directly into the computerized maintenance management systems (CMMS), providing an enhanced calibration solution. Detailed calibration data and traceable calibration records are stored in the CMX, while plant hierarchy and instruments are created and maintained in the CMMS. When calibration work has been performed, work order acknowledgements are sent to the CMMS. This standardized, but configurable software

solution keeps the CMMS informed of work completed, while CMX provides a database to store vital instrument information that is necessary to maintain for quality control and audits—thus equipping organizations with the best in class Asset Management and Calibration Management solution. Beamex offers a project approach with professional services for the execution of system integration projects.

Beamex ICS

INTEGRATED CALIBRATION SOLUTION

The most integrated, automated calibration system available

Beamex ICS is not just a product or even a set of products and services – it is a process of performing and managing calibrations in a way that provides efficiency and quality improvements as well as cost-savings. The solution includes Beamex's Business Bridge Connector - which provides a communication link between the CMX calibration software and maintenance management systems. Calibration work processes can be streamlined and typically eliminate in the region of 50% of time spent on the end-to-end calibration process.

ICS benefits

- Delivers highest level of automation leveraging the latest technology
- Best-in-class calibration tools for maintaining modern process instruments
- Efficient, intuitive, software management solution which integrates with asset management tools
- Historical trend analysis, audit trail reports optimizing calibration tasks



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