

PRESS RELEASE

infoteam showcases automation solution for the laboratory of the future

zenLAB® framework demonstration at FUTURE LABS LIVE in Basel

Bubenreuth, May 9, 2023

- Manufacturer-independent and cross-device networking of laboratory equipment at FUTURE LABS LIVE
- Scalable middleware framework zenLAB®, for increased efficiency and quality in the laboratory

From May 31st to June 2nd, 2023, FUTURE LABS LIVE in Basel will bring together innovative laboratories, scientists, established providers and start-ups from various areas in the laboratory world who are focusing on digitalization, automation and connectivity – and thus rethinking the future of the laboratory environment. The infoteam Software Group will also be on site in Basel to show how it is helping to shape this future with software solutions for **digitalization and end-to-end networking** in the laboratory.

At its booth (hall 4.1, booth 43), infoteam will present a showcase to demonstrate the concrete opportunities that this opens up for laboratories and laboratory equipment manufacturers. infoteam will illustrate very clearly how laboratory equipment can be networked independently of manufacturer and across all devices in a simple way.

Application scenarios

A modern, data-centric automation solution makes it possible – using the infoteam zenLAB® middleware framework – to retrieve and process data from laboratory devices from different manufacturers. This is done entirely digitally, i.e. the data is not transferred by hand or by USB stick. Furthermore, monitoring and controlling processes – in addition to more classic approaches – are also possible at any time and from any location from a mobile device via the so-called zenAPP.



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In a concrete application example, device calibration and weather data are available for analysis. The example shows how processes in the laboratory and the quality of test results can be optimized with the help of data already available. Data can be stored in the cloud or on-premise and can be designed to be GxP or IVDR compliant if required, so that even regulated laboratories can benefit from this approach.

This opens up a new dimension in efficiency and a significant increase in quality for laboratories, laboratory equipment manufacturers and software providers alike. The laboratory can be networked and digitally enabled step by step according to specific needs.

Visitors will have the opportunity to familiarize themselves with the application at the infoteam booth and to evaluate it with respect to their own requirements in a personal conversation with our experts.

infoteam zenLAB® framework as technical foundation

As a software framework, zenLAB® provides the software architecture, essential basic functionality and a proven toolchain for the development of laboratory-specific middleware solutions. Development time for basic functionalities and risks in the ongoing course of implementation will be reduced. The main focus can thus be placed on the development of laboratory-specific components such as interfaces, applications or user interfaces. zenLAB® is in service, among other places, in the interdisciplinary research project FlexACO, where it networks an autonomously operating high-throughput PCR system – despite the lack of open communication interfaces.

Expertise on site in Basel

You can also meet infoteam at two other exciting program events at FUTURE LABS LIVE:

- **Workshop: Experience LADS OPC UA live**
Albrecht Liebscher, Key Account Manager for Life Science at infoteam and other members of the LADS Joint Working Group, will demonstrate on May 30th, 2023, a day before the official start of the event, how vendor-independent communication between laboratory devices via the LADS OPC-UA standard can be implemented successfully.
- **Roundtable (8): The road ahead for lab automation: Ideas, obstacles, best practice**
As part of the discussion round of the LAN (Lab Automation Network) partner network, Alexander Brendel, Director of Life Science at infoteam, will share personal experiences from more than 15 years of laboratory automation and give an outlook on a feasible future on June 1st, 2023.

(Link to the event: <https://www.terrapinn.com/conference/future-labs-live/agenda.stm>)

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Possible caption: "Smart networking in the lab thanks to the zenLAB® middleware framework" (© infoteam Software AG)

About infoteam Software Group | Department Life Science

infoteam Software Group has been implementing specific software solutions for 40 years, especially in the life science sector. infoteam is certified according to ISO 9001, ISO 13485 as well as ISO 27001 and has its own development process that supports IVDR-, MDR- and FDA-compliant software development for medical devices of classes I to III as well as safety classes A to C and meets the relevant requirements of IEC 62304.

With zenLAB®, infoteam also provides a framework for the efficient realization of laboratory-specific middleware solutions. The company is committed to future-proof, networked laboratories and to an open, manufacturer-independent communication standard in the laboratory.

infoteam Software Group employs more than 300 people in Europe. Headquartered in the Nuremberg metropolitan region, infoteam has received the New Work Star Award and is one of the TOP 100 most innovative medium-sized companies in Germany.

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