

NTT DATA Business Solutions | Validated calibration solution for SAP

Mobile solution for optimizing calibration processes

Calibration meets mobility and SAP: Automate now the execution of calibrations for your measuring instruments with SAP

Where is calibration used?

In many companies, calibrations are carried out at regular intervals on most measuring instruments. The reliability of measuring instruments has a high impact on research, production and many other areas of the company. The quality and safety of products is endangered as soon as unreliable measuring instruments are used. Especially in highly regulated environments, such as life sciences, measurability is indispensable. The manufacturing of medical technology or pharmaceutical products is subject to strict GxP regulations and can only be done within tight specifications and with reliable measuring equipment.

Why optimized calibration management accelerates your processes

Often, companies still perform the calibration process of measuring instruments manually, regardless of the industry and required regulations. The paper-based process is very time-consuming and error-prone because in addition to the long lead time for the execution, the preparation of each individual calibration is a cost factor that takes up time and resources. The calibration order must first be searched for in the SAP system and then printed out on paper before the responsible employees can start with the calibration. The measured data is then usually transferred manually into the SAP backend system. Often, this is not possible immediately after the measurement, because the measuring instruments to be calibrated and the SAP workstations are physically separated from each other. Due to the time gap and the manual effort involved, errors quickly occur during data transfer.

The SAP standard does not offer a mobile solution for these application

scenarios and only a few few functions to accelerate the calibration process. The setup of master data in the backup system is complex and many important requirements such as the storage of tolerances is not covered by SAP. According to the SAP S/4HANA roadmap, no further development is planned. This is why NTT DATA Business Solutions has developed its own solution with a direct connection to the SAP backend system, meeting the requirements of a modern, automated calibration management for regulated and non-regulated industries.

We optimize your calibration process with Calibration Simplified

With our mobile and validated solution Calibration Simplified you can accelerate your calibration process much faster. Our solution is directly connected to the calibration management in SAP ERP or SAP S/4HANA and provides you with many functionalities to simplify the execution of calibrations on iOS or Android devices.

100%

digitization of your calibration processes

Put an end to paper-based processes

The manual preparation, execution and follow-up of calibrations is a thing of the past. With Calibration Simplified you can focus on the central part of the calibration process, the testing and entering of results directly onsite. The solution not only accelerates the process, but also complies with the stringent regulations in many sectors and industries. The lead time is shortened enormously and the error rate during manual data entry and transfer is significantly reduced. This alone results in the following benefits for your company:

- Reduced release time for production equipment
- More precise production due to accurate and reliable measuring equipment resulting in fewer rejected batches
- Reduction in FDA warning letters (form 483) due to non-compliance with regulatory requirements (GxP), resulting in less risk of penalties and production downtime

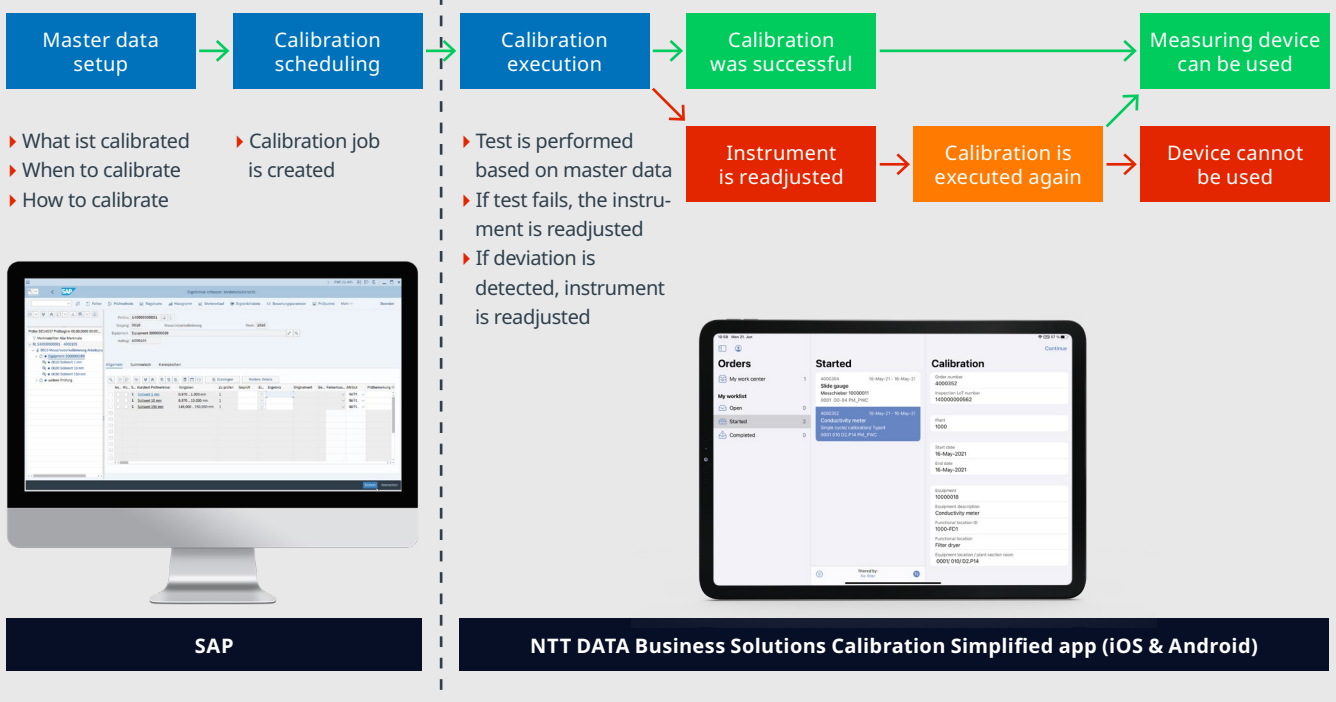
With these functions, Calibration Simplified supports your calibration process

- Connection of the mobile application to the SAP backend via the SAP Business Technology Platform
- Transfer of calibration specifications and information (e.g. also tolerances) from SAP to the app
- Overview of assigned calibration orders at person level
- Manual assignment of calibration orders via the app
- Detailed order and status information per calibration
- Registration of as-found and as-left results
- Registration of the reference standard per location / room
- Visual display of error and limit values as well as listing of historical results, for trend / deviation analysis
- Use of a 4-eyes principle

60%

reduction of lead time per calibration job

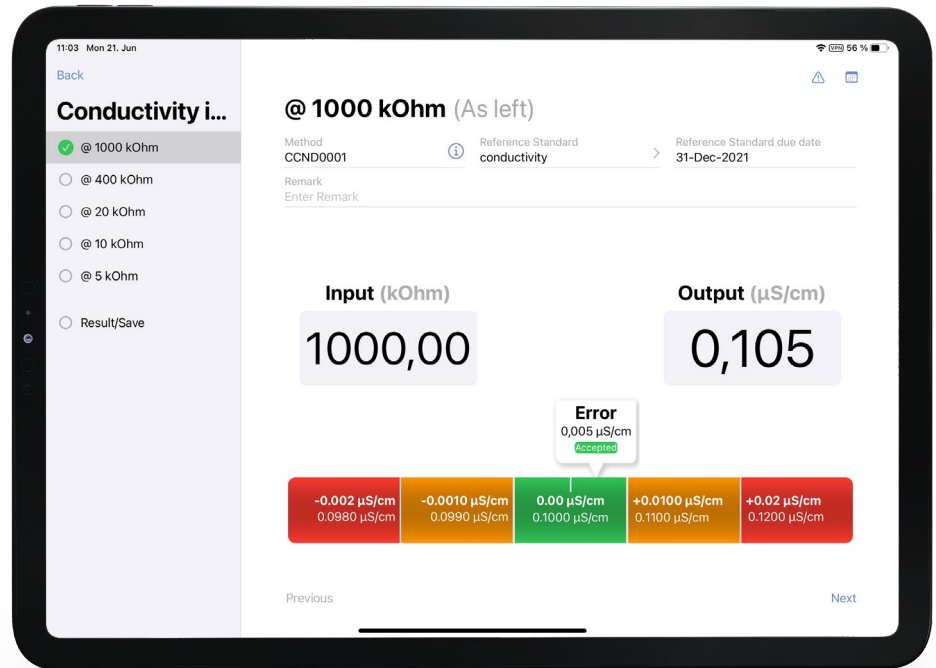
Entry mask for measurements with Calibration Simplified



The solution at a glance

- Innovative cloud solution for your calibration process
- Mobile application for iOS and Android devices
- Easy and fast implementation
- Intuitive use through modern user interface
- Support for the execution and administration of calibrations
- Shortening of lead time per calibration
- Reduction of errors due to automated data transfer between application and SAP backend
- Connection via SAP Business Technology Platform
- Compliance with standards and CSV requirements for regulated industries, such as life sciences

Entry mask for measurements with Calibration Simplified



Learn more about NTT DATA Business Solutions

www.nttdata-solutions.com

We Transform. SAP® Solutions into Value We understand the business of our clients and know what it takes to transform it into the future. At NTT DATA Business Solutions, we drive innovation – from advisory and implementation, to managed services and beyond, we continuously improve SAP solutions and technology to make them work for companies – and for their people.

