



Calibrate your Instrument Faster, More Accurately, & with full compliance - cCalibration



Business Case

Existing paper-based instrument calibration process is error-prone and time consuming due to errors in locating the right instrument due for calibration. There is no guided procedure to ensure the calibration process as per SOP, and manual data entry at multiple locations with a lack of on-the-spot validations resulting in an impact on product quality and process non-compliance.

Challenges/Pain areas

- Workers spend excessive time manually taking readings and logging the data again later on.
- Data quality is often inconsistent and inaccurate.
- Meeting regulatory compliance is difficult with the quality of data and manual paperwork.
- Lengthy calibration process is costly

Solution Features/Pain Relief

- Complete workflow and Cloud integration built inside the cCalibration mobile app for engineering and production personnel for complete compliance.
- Every function from assignment to completion can be performed offline.
- App processes include assignment of the work order, capture timestamps, result recording, validation of results, capture necessary approvals for usage decision, capture failure details, materials consumed, instrument release, and label printing in the field.
- Scanning allows identification of the correct instrument.
- Master Instrument assignment and validation of readings with Master calibration for planned and unplanned characteristics as per defined SOP.
- User authentication and forwarding available to decrease the length of the approval process
- Time stamp capture of each step helps create reports and audit logs

User/Persona: Maintenance Engineer/External User, Field engineers, QA, Business Approver, Managers

Value Drivers of cMaintenance

- Improves Technician efficiency by 40% for the execution of calibration.
- Tracking of Internal and External Master Instruments
- Reduces manual operation and system dependency. 80% operations are via mobile apps.
- 65% reduction in Maintenance costs with paperless process
- 15% labor cost reduced per unit handled.
- Real time integration with SAP system.
- Audit log of each activity
- Offline label printing from shop floor reduces calibration time.
- Application is fully integrated with ECC, S/4 HANA, SAP BTP
- Enhanced user interface with look and feel better than standard GUI screens
- 95% standard BAPIs/API used via O-data services
- Fully responsive application

Industry/LoB

- Pharmaceutical
- Manufacturing
- Chemical
- Oil and Gas

GTM Focus

- Americas
- APJ and GC
- EMEA
- MEE

Solution Environment

- SAP BTP
- SAP S/4HANA
- SAP ECC 6.0 and Above

References

- Success Story
- App Walkthrough Video
- Brochure



Check local availability and get app via SAP App Center 

