

EAM360 Mobile App For Lifesciences

OVERVIEW

EAM360, a next generation Mobile application for Maximo, is implemented to optimize engineering & calibration activities for GMP & GEP critical assets in a pharma manufacturing company.

CHALLENGES

IT system implementation is a challenge in Life sciences organizations due to compliance requirements. The transactions must have the traceability for FDA/EMA audits and systems must qualify for the IQ/OQ/PQ requirements i.e. Installation, Operational & production qualification requirements for computer system validation (CSV). The engineering team has to focus on decreasing Mean Time between Failure (MTBF) and improving wrench time while maintaining work execution records as per the

Some of the key challenges encountered by the team:

- Dealing with multiple calibration forms
- Managing the complex workflow process with multiple level of approvals/review

ABOUT THE CLIENT

Industry

Life sciences

Locations

India

Specialities

Worlds largest Vaccine Manufacturer, Biotechnology and Pharmaceuticals.

- Errors in Manual calculation of results
- View Standard Operating Procedure (SOPs) and other documents on the fields
- Capturing miscellaneous Asset events that needs to be recorded to meet the audit requirements
- View of Asset history on the fields
- Difficulties in accessing up to-date pending work order details for Operators / Engineers

SOLUTION OFFERED:

As the leading provider of EAM mobile products, we have implemented a role-based Mobile application to support and enhance the Engineering and calibration processes for the Life sciences organization. The key solutions includes:

- View planned and unplanned work assignments with real time notifications
- Utilization of the Maximo workflows for streamlined SOPs
- Platform to access & perform activities offline in both internet restricted and remote areas (without proper network)
- Role based assignments- Engineering & Calibration
- View Calibration asset details and Loop Asset details

SOLUTION COMPONENTS:

IBM Maximo Life sciences 7.6

IBM Maximo Calibration 7.6.0.0

EAM360 Technician Mobile App

- Update Calibration readings, Environment Condition, Material, Tools, Labor, Log with photos/videos, Failure codes & Classification/Specification attributes
- View Calibration results based on provide readings

BUSINESS BENEFITS:

Implementing an enterprise wide unified EAM solution helped the team to handle maintenance and calibration related activities effectively from a mobile device on the go. The following are a few key benefits realized by the client after using our solution:

- Fully Automated process of executing engineering activities in the facility
- Instantly access details pertaining to any Asset even without internet
- Reduction in possible human errors in data entry
- Easily capture and record work details without the need to carry papers
- Digitization of Calibration operations improves calibration result calculation efficiency.
- Ability to perform task virtually anywhere
- Facilitation of multiple use cases of Calibration in single platform
- Quickly assign & reassign work orders to technician across different shifts
- Complies with 21 CFR part 11, FDA guidelines for CSV

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