

Maximo Application Suite Mobile Data Integrity in Support of Life Sciences

Background

An electronic record in Maximo is treated as a source of information and as an original record. In accordance with electronic records and electronic signatures regulations, an electronic system must ensure data integrity of the entered data from a variety of user interfaces. Specifically, in support of the mobile functions for the Maximo Application Suite some enhancements are considered high priority.

User Story 1

Out of box Maximo Application Suite does not lock a record which could be edited on a mobile device via Maximo Mobile application in a disconnected mode.

User Story 2

Out of box Maximo Mobile application does not prevent or alert end users that a record has been updated by another user during sync process when the same record has been updated by another user where both users performed updates in a disconnected mode.

Solution Requirements

1. Ability to automatically lock a record for editing in Maximo Application Suite while mobile user “owns” the record
2. Ability to manually unlock a record for editing to support a scenario when/if a Mobile record has been lost
3. Ability to notify end users trying to update a record in Maximo application while the same record is being “owned” by a Maximo Mobile application in a disconnected mode