

DRAFT

Online and Offline E-Ticketing Device Capability

The e-ticketing system shall have an off-line and on-line capability on the user's mobile device "the Device". The Device should alert the user through a visual display that the Device is currently in on-line mode or in off-line mode. On-line mode should be defined as a good internet connection and the Device being able to receive and send ticket data. Off-line mode should be defined as a low or bad internet connection, with the Device unable to send or receive ticket data.

The Device should be capable of caching all cloud tickets received from the cloud for the current day's e-ticketing project. If the user loses internet signal, the Device should alert the user the Device is now in off-line mode. The cloud tickets should automatically be cached/stored locally on the Device and should allow the user to interact with the tickets locally on the Device. All of the current ticket fields that are currently allowed to be edited on a ticket in on-line mode (waste, temperature, notes, mark delivered/rejected) should be allowed to be edited in offline mode. The Device should auto-sync with the cloud when the Device regains internet service and should download new cloud tickets and should reconcile any tickets that have been worked on in off-line mode back into the e-ticketing system automatically.