

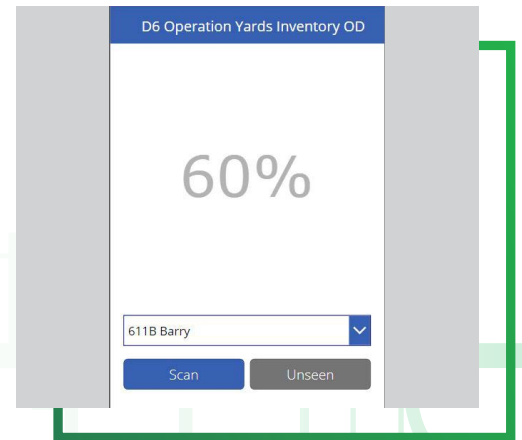


Annual Yard Equipment Inventory Application

District 6

Problem:

Taking annual equipment inventory at maintenance yards on paper is a slow and inconvenient process. In addition, equipment transfers to other yards make it difficult to inventory items with a printed list. For example, if a spreader was recently moved from Riverton to Springfield West, the spreader would most likely still be on the Riverton list but not on the Springfield West list.



Solution:

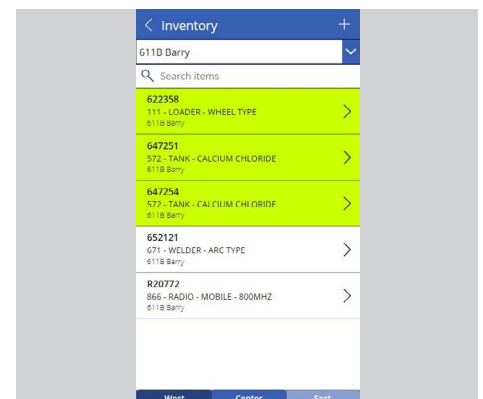
A new app created with the help of a development tool called “PowerApps” simplifies the inventory process. Staff can now use the app on a smartphone or tablet to easily search the list of more than 5,000 items by inventory number and record the found location and date. If equipment has been moved to another location, it can be located by filtering the list by yard. Inventory progress can be monitored with a percentage display.

Equipment #	Make	Model	Category
082361	UNKN	915H	537 - TRAILER - EQUI
T36136	CHEV	C3500	T49 - AERIAL LIFT 7,5
T54168	INTL	7400	T66 - TRUCK - TANDE
622358	HNDI	HNDI - UNKN	111 - LOADER - WHEI
647251	UNKN	3000G	572 - TANK - CALCIUM
647254	UNKN	3000G	572 - TANK - CALCIUM
652121	MILR	MILR - UNKN	671 - WELDER - ARC
R20772	MOTR	M25UR	866 - RADIO - MOBIL

The app accesses data in an Excel spreadsheet and manipulates it according to the actions performed in the app.



Unfound items will be displayed in the app and can be sent to the yard's lead worker via email with the share button.



The app is more convenient and efficient than paper, and it improves traceability of equipment.