



Case Study

Advanced Database Systems

TagMan Asset Auditing

K2 Technology was contracted to help with an asset audit that had tight timeframes. The assets were supposed to have barcode labels and an existing asset list was available. If an asset was not in the existing list it needed to be recorded and a barcode assigned. Any listed assets not found needed to be identified.

Solution

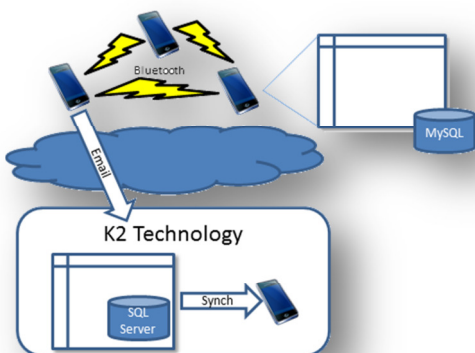
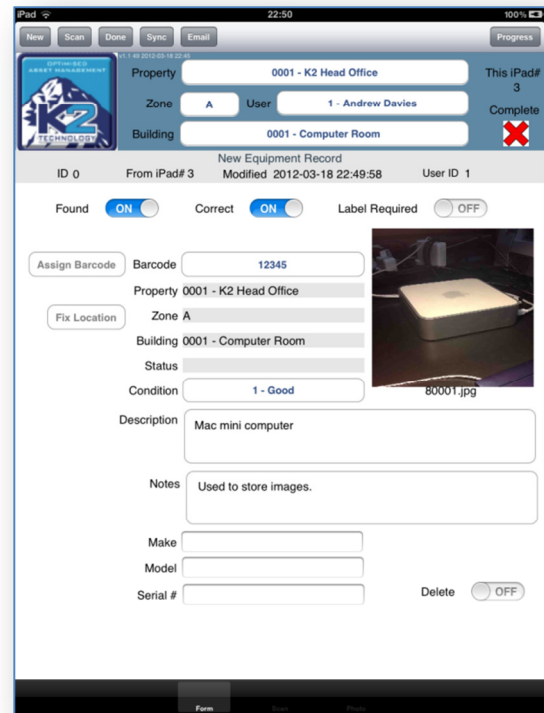
K2 proposed a variation of their existing TagMan tag recording system utilising Apple iPads.

The iPad allowed users to take photos of the asset as well as scan barcode labels.

The existing list was cross-referenced and, if found, the asset was marked off.

If not found the user could use the touch screen keypad to enter the new details.

Many barcode labels were found to be unreadable due to deterioration. If the label number could be read it could be entered; otherwise the user could search the existing asset list manually.



Synchronisation

A number of K2 staff were used to do the asset "walk about". To ensure users did not record the same asset multiple times, all iPads synchronised with each other using the iPad's Bluetooth capabilities.

Periodically users would submit their changes using the iPad's email system over 3G wireless, allowing K2 head-office staff to collate the results.