

PDF Viewer 10-20-14

Description: PDF viewer is a work packet viewer that allows production line workers to scan a product code and view all the pertinent PDFs for a product build. Fixed stations PC terminals are mounted on the line, using a monitor and keyboard trays. The system could be expanded to include portable terminals or tablets for scanning inventory and interface to the inventory and shipping software.



Workstation Viewer: The workstation viewer with keyboard is angled for standing data entry. Some workers actually prefer keyboards with hot keys and other like touch screens, both can be accommodated. Cordless scanners can and be used to provide some mobility.



This workstation is mounted on an overhead boom. A back pack PC mounts to the rear VESA. Large 22" or 24" screens are used for easy viewing of assembly photos and CAD diagrams.



The Backpack PC is very compact, yet provides up to i7 high end PC performance. All units include SSD drive, wifi, and Ethernet. A stripped down version of Win7 is used to simplify operation and is backup to a restorable thumb drive.



Backpack internal view shown above.

Tablets: There are a large number of very affordable windows and android tablets available for localized mobile applications, inside the plant. Economical retail tablets can be adapted for industrial uses. They can be retrofitted with rugged cases and blue tooth wireless scanners. They work well for tracking inventory or filling out forms in the warehouse or production areas. They can be used where ever portability is required. The MS surface has a fully functional USB boards, wifi, Bluetooth, and is easily integrated into the .net ecosystem.



Asus makes the Nexus 7, this tablet can be purchased with a CPM cellular radio and can roam beyond the local plant.