

Android App Instructions

Work Tracking System

1 Introduction

The Work tracking app communicates with the Work Tracking system server logging the time jobs are clocked onto or off at different work stations. These logs record the amount of time a job spends at different stages of production, for example, how long a product is worked on at the welding station and then at the painting station.

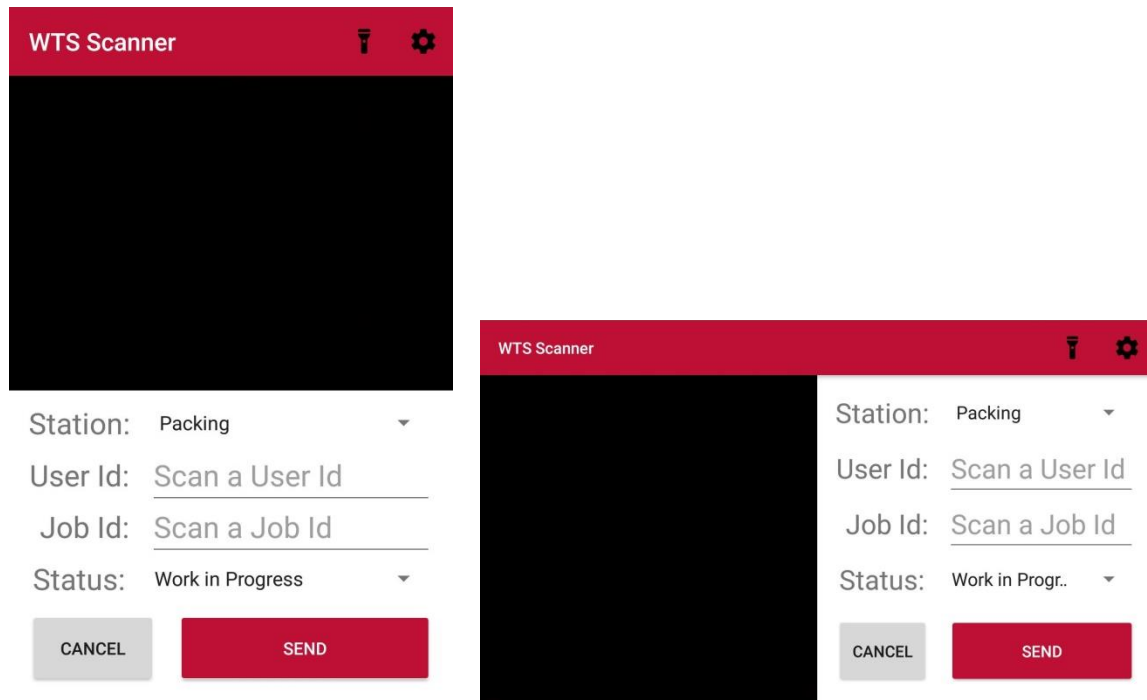


Figure 1- App main screen (Left- Portrait, Right- Landscape)

2 Setup

When opened for the first time before clocking on or off jobs, the IP address of the Work Tracking server needs to be set in the settings page.

2.1 Enter Settings

- i. To access the settings menu from the main page press the setting button in the top right hand corner.

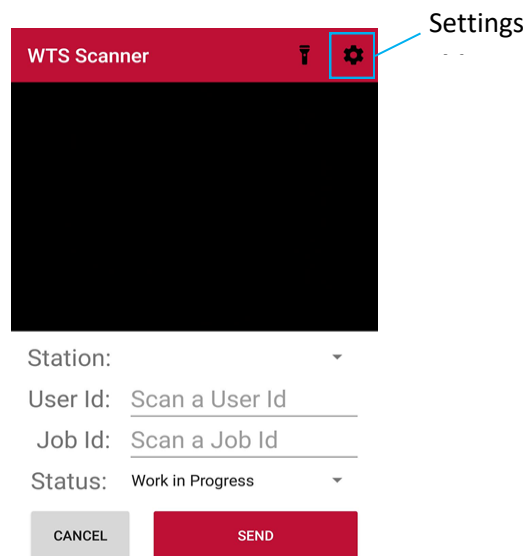


Figure 2- Setting Button Position Highlighted on main screen

- ii. Enter the default settings password (1234).

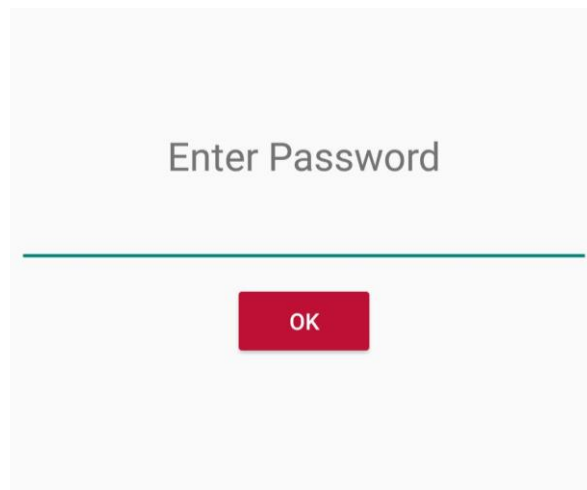


Figure 3- Settings Password Screen

- iii. Set the IP address of the Work Tracking server in the 'Server IP Address' field. As seen in the example below e.g. '192.168.0.7'.

WTS Scanner

Server IP Address
192.168.0.7

Camera
Rear Camera

Settings Password
....

Static Station ☐

Default Station
Packing

Remember User ☐

Record Quantity Complete ☐

Product Prefix
pdrt_

User Prefix
user_

OK

Figure 4- Settings Page

- iv. Set Settings password and alter other settings as desired (if the IP address has just been set restart the app to populate the default station dropdown)-

Name	Description	Default
IP Address	IP address of the Work Tracking server e.g. '192.168.0.7'.	
Camera	Rear or Front camera used for scanning codes.	Front
Settings Password	Password to access app settings page. This can be left blank so nothing has to be entered on the password page.	1234
Static Station	Restricts Station selection on main page to only the default station. If the phone or tablet is to be only used at a particular station and users should not be allowed to select between the list of stations use this option. Default station MUST be set to if this is selected.	Off
Default Station	If Static Station has been selected then this station will be the only station available to select on the main page. Otherwise this will be station that is automatically selected in the station field when the app opens.	
Remember User	Retains the user code in the user field when Send or Cancel button are pressed.	Off

	This should be selected when a single user will be using the app for an extended period of time so the user code doesn't have to be repeatedly scanned.	
Record Quantity Complete	When clocking off a job ask the user the quantity of items they have completed while clocked on. To view values input set showQuantityDisplayElements config option as true on Work Tracking Server.	Off
Product Prefix	The prefix at the start of all product id codes. Must be set to same value as productIDCodePrefix on Work Tracking server.	pdrt_
User Prefix	The prefix at the start of all user id codes. Must be set to same value as userIDPrefix on the Work Tracking server.	user_

3 Clocking On and Off

3.1 Select a Station

If not using the App as a static station select the correct station from the drop down.

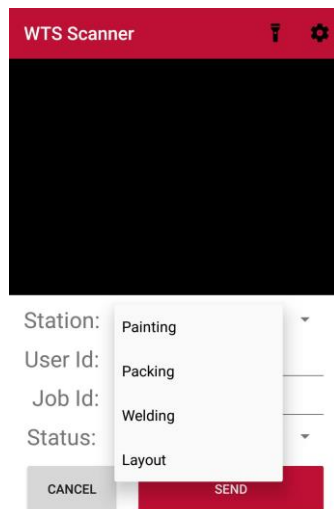


Figure 5- Selecting Station

3.2 Scan or Enter User Id

Using the camera code scanner or by entering the code manually to fill the User Id field. If entering manually then the 'user_' prefix does not need to be enter, only the 4 digit number e.g. '0052' has to be entered.

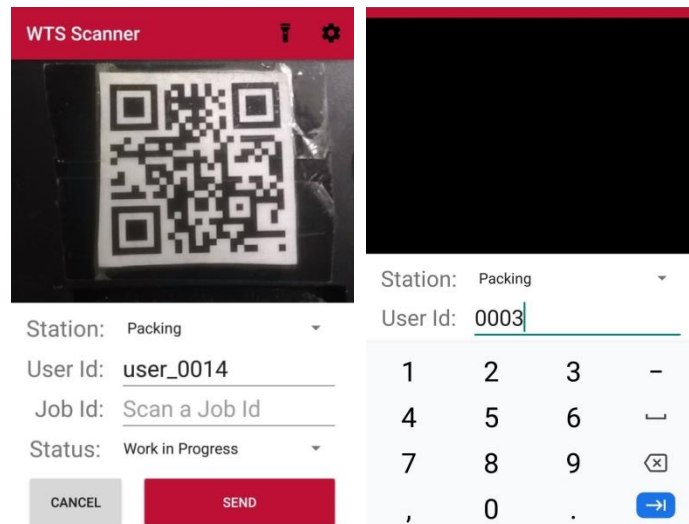


Figure 6- Scanning (left) and manually entering (right) User ID

3.3 Scan or Enter Job Id

Using the camera code scanner or by entering the code manually to fill the Job Id field. Any prefix MUST be included

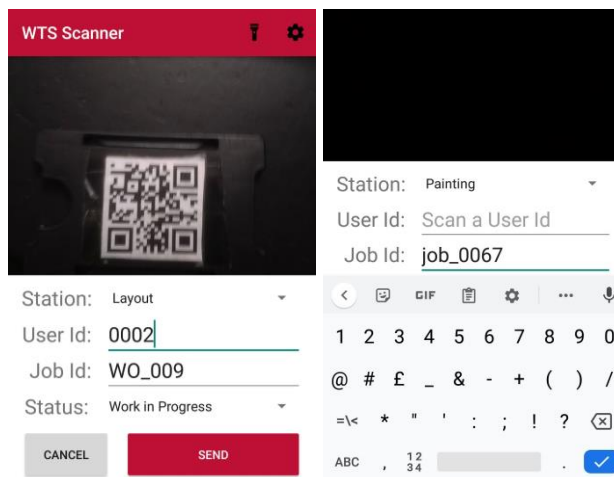


Figure 7- Scanning (left) and manually entering (right) Job ID

3.4 Select Status

If clocking off a job select a job status from the three available options. (When clocking on job status will always automatically be set to work in progress no matter what is selected)

Work in progress- All work has NOT been finished at the current stage of production.

Stage Complete- All work has been finished at the current stage of production. (if server configuration option requireStageComplete is set to true then the routes current stage will not progress until the previous stage has an entry marked Stage Complete)

Complete- All work has been finished on the job.

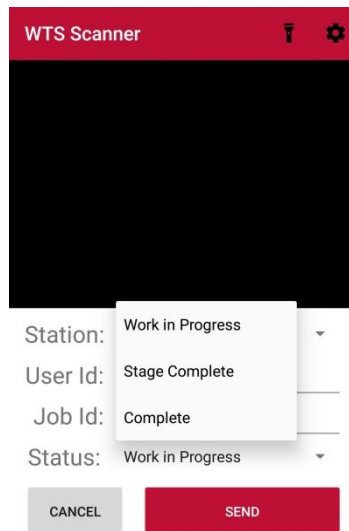


Figure 8- Selecting Work Status

3.5 Send and Wait for response

Once the details entered are correct press the send button to submit it and wait for confirmation message which will indicate if you clocked on or off.

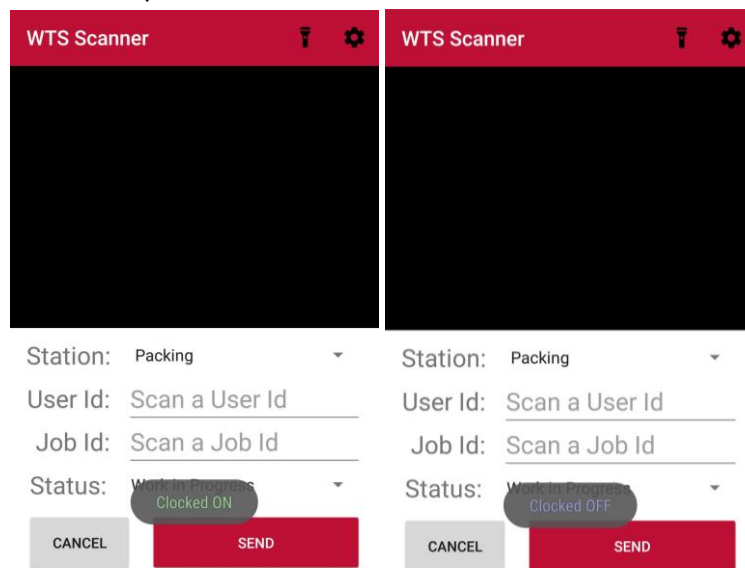


Figure 9- Clocked ON (left) and Clocked OFF (right)

3.6 Enter Quantity Complete

If the 'Record Quantity Complete' app settings option is switched on and the user has just clocked off a pop up will be shown asking them to enter the number of units complete while they were clocked on.

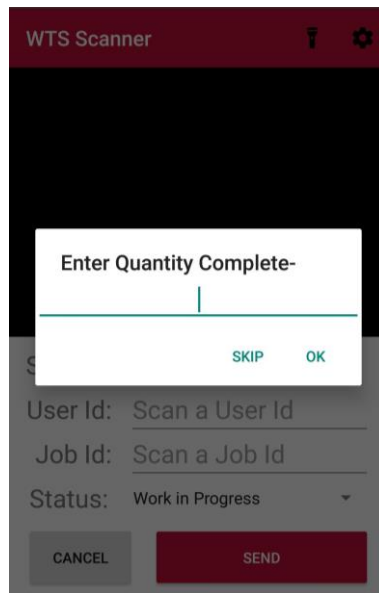


Figure 10- Quantity Complete Dialogue Box

4 Troubleshooting

4.1.1 User codes being placed in job field when scanned

- Check that User Prefix in app settings is the same as userIDPrefix configuration option on the Work Tracking server

4.1.2 No stations available to select

- Confirm the IP address is correct and the App is not displaying any messages saying it cannot connect to the server
- If the Static Station option is ON confirm that a Default Station has been selected
- Confirm that stations have been added and are showing as active stations on the Work Tracking server interface Stations page.