ramco

**RAMCO AVIATION SOLUTION
VERSION 5.8**

USER GUIDE

TOOLANYWHERE

ramco

Ramco Aviation Solution

Contents

ramco

INTRODUCTION

ToolAnywhere mobile app is newly developed to serve as the unified platform for tool crib administrator to issue, return and locate the parts by scanning the barcodes. This app will give real-time data visibility with powerful functionality to give administrator control over Tool Crib inventory, thereby reducing costs, increasing productivity and improving safety and compliance. The app provides the following features:

- Smart Issue of Tools using Barcode

- Barcode based/Direct Tools Return

- Tool Dashboard – Locate by item or Storage location

- Tool transfer across Employees

- Calibration due List

- Tool list pending return from Employees

- Integrated Barcode scanning

This application is well integrated with the **Ramco M&E** desktop application, thereby ensuring all the work done in this application can also be viewed using the desktop application and vice versa.

APPLICATION USAGE OVERVIEW

ToolAnywhere mobile app which helps the tool crib administrator to issue, return and locate the parts by scanning the barcodes, displays the following user interfaces:

- Issue/Return Tools
- Issue/Return Tools – Filter
- Issue/Return Tools – Sort
- Issue Tools Pop-up
- Return Tools Pop-up

APPLICATION CONFIGURATION

For seamless working of the application, the following configuration for ToolAnywhere application needs to be done.

General Settings

Defined by the IT team of the organization, the general settings are available in the iPhone Settings screen. These settings include the following:

- Server Configuration
- Default User/Role/Organization Unit Configuration
- Linea-Pro Scan is a Barcode scanning device that can ease the scan of Barcode in the ToolAnywhere application. Turn this option on, to scan barcode using the hardware (Linea-Pro) attached to the mobile.

  ✐ *Note: You will be able to use the ToolAnywhere application in the mobile device only after configuring the above settings.*

Application Settings

This screen facilitates the user to modify the following:

- Context Role/Organizational Unit
- Default Login UI for the Login OU/Role
  - o Issue/Return Tools

DEVICE REQUIREMENTS

ToolAnywhere app requires the following recommended requirements for optimal user experience:

- iPhone 5 or later.
- iOS 9 or later.
- Android Version from 8.0
- Constant network connectivity via Wi-Fi or 3G/4G.
- 100 MB or more free space.

  ✐ *Note: Your carrier might charge you extra for data roaming if 3G/4G mobile data is used. When available, always prefer Wi- Fi connectivity over Mobile Data.*

INSTALLATION SETTINGS

ToolAnywhere application will be available to install from the enterprise store and not from the Apple App Store. To access the enterprise store, contact your IT Admin team to get the URL of the host server. Now follow the below steps on the iPhone.

1. Ensure the device is connected to Wi-Fi or Mobile Data.

2. Open Safari.

3. Type in the URL provided in the Address bar and click GO.

4. On the Enterprise store listing, select the 'ToolAnywhere' app.

5. Tap 'Install' on the popup to allow installation on the device.

6. Quit Safari.

7. Wait for the app installation to complete.

8. Tap on the App icon.

9. If Untrusted App Developer popup shows up, tap on 'Trust'.

10. Quit the App.

> ✎ *Note: Ignore the above if installations / updates are controlled through MDM (Mobile Device Management).*

SECURITY

Access to individual UIs

Control access to individual UIs by providing role rights mapping in the Admin page.

 Deployment Process → Implementation Process → Map Enterprise

Access to individual Tasks

Control access to perform an action by providing role rights mapping in the Admin page at:

Deployment Process → Implementation Process → Maintain Task Privileges.

> ✎ *Note: Contact your IT team to get the activity/task mapped for a particular role.*

For IT Admin Role

> ✎ *Note: Go to Map Enterprise screen; all the components will be listed > Search for ToolAnyywhere and select it.*

CONVENTIONS

☰	Hamburger Menu	⊞	Barcode
★	Favorites	⚙	Settings
(A)	Available	(A)	New
(D)	Due for Maintenance	(R)	Returnable
(OH)	Overhauled	(S)	Serviceable

USE OF FEATURES

This section provides details of the features that are available in the App. Focusing on usability, this section lists the following features:
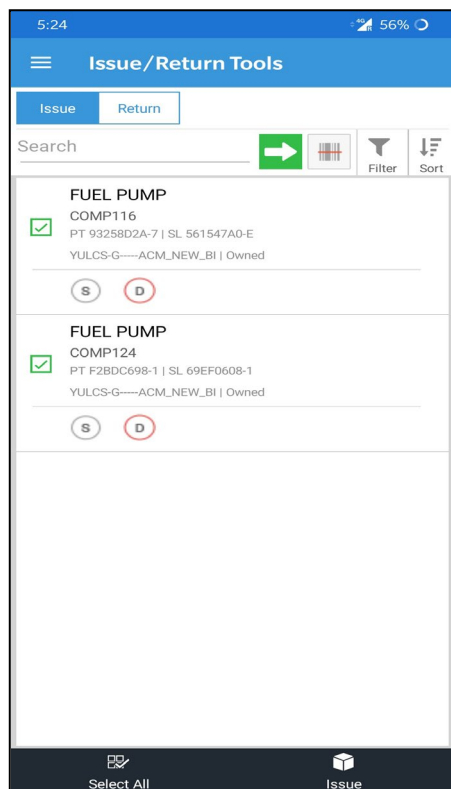
- General Settings
- Application Settings
- Menu Option
- Smart Action Provision
- Issue/Return of Tools

ISSUE/RETURN TOOLS

The **Issue/Return Tool** screen comprises the following sections to enable issue/return of tools.
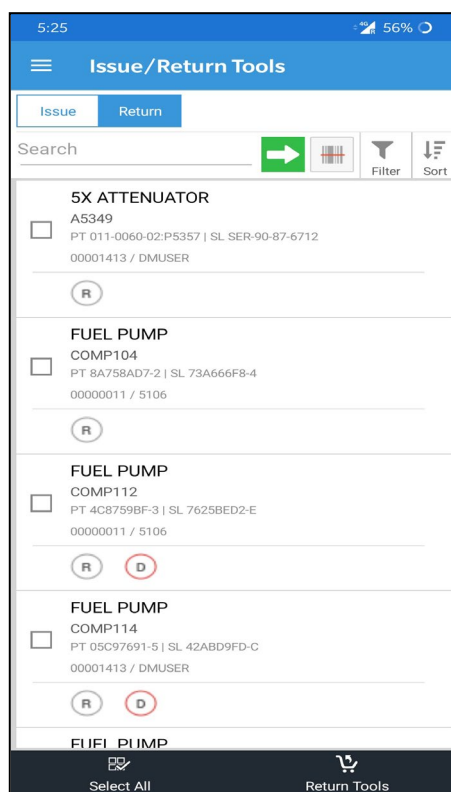
- Issue/Return tabs
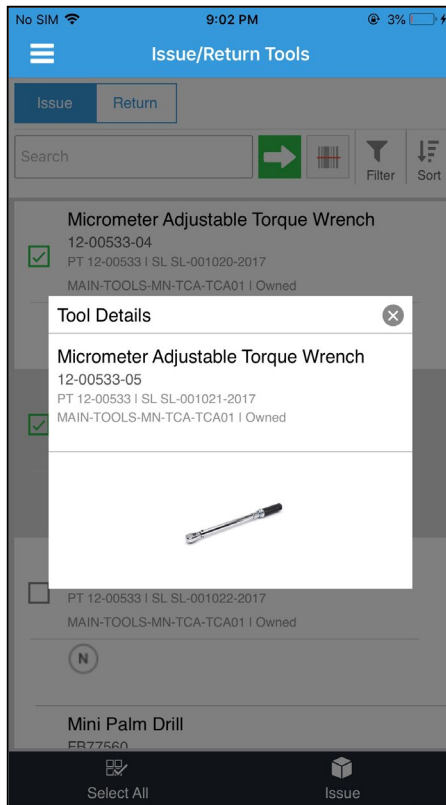
- Search Bar

- Barcode Scan

Issue/Return Tabs

The **Issue** tab or **Return** tab is defaulted on page launch based on the value defined for the Login User - Role - OU combination in the Settings screen of the **ToolAnywhere** application. Each tab comprises the following sections:

- Tool Multiline – Displays tool details like Tool Name, Facility Object Number, Tool number, Serial/Lot number, Ownership, Location, Tool Indicator (Condition, Due for Maintenance). If the defaulted action is 'Issue', multiline does not display any record. If the defaulted action is 'Return', the system retrieves retrieve the Facility Objects for which the Expected Return Date is earlier than the Current Date, if the option setting 'Automatically Retrieve the Facility Objects due for Return in the Issue/Return Tools screen' is set as "Yes", in the **Define Process Entities** activity.

- Bottom Bar - The bottom bar displays the 'Select All' button and the 'Issue' or 'Return' button based on the selection of **Issue** or **Return** tabs respectively.

- View Tool Details - This section appears on Swipe action (iOS version) or long press action (Android version) on the tool. On tap of this section, the **Tool Details** pop-up appears, which displays the details of the tool along with the image of the tool.
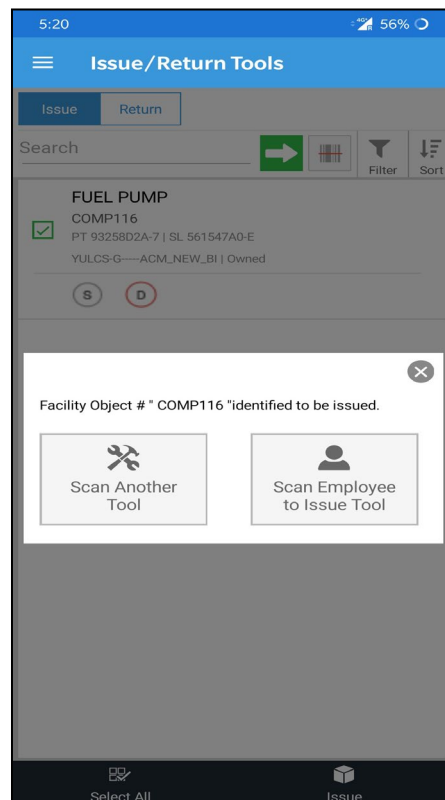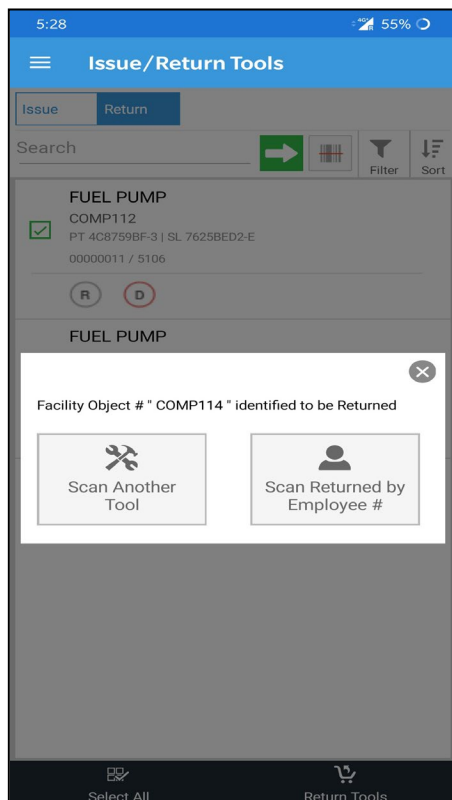
Tool Details pop-up

The **Tool Details** pop-up displays the Tool Name, Facility Object Number, Tool number, Serial/Lot number, Ownership along with the tool image.

Barcode Scan

Barcode Scan: Using Barcode, user can scan and search for specific tools, using the iPhone's inbuilt scanner, 'Linea Pro'. The scan icon is available in both 'Issue' and 'Return' tab to facilitate issue/return.

Once scanning is done in the respective tabs, the scanned tool to be issued or returned is displayed, and the following options are displayed:
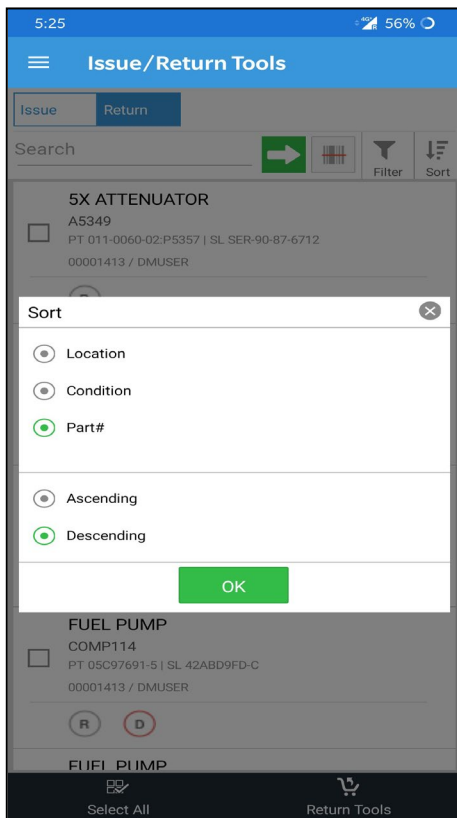
- 'Scan Another Tool' – Tap to scan another tool: This option is displayed only if there is additional Tools pending to be returned)

- 'Scan Employee to Issue Tool'/'Scan Returned by Employee #': Tap to scan employee to issue/return tool.

Issue/Return Tools - Filter screen

The **Filter** screen launched on tap of Filter icon in **Issue/Return Tools** screen, has following sections to filter the tools for issue and return.

- 'Part #' tab – Displays following filters to filter the tools based on part: Part # (Smart Search enabled), Part Description, Serial #, Lot #, Part Category, Facility Object #, Facility Object User Status, Facility Object Class, Facility # and Facility Type.

- 'Location Based' tab – Displays following search filters to filter based on tool location: Holding Tool Crib, Zone #, Bin # and Holding Work Center #.

- Bottom Bar Actions – Includes 'Apply' and 'Clear' actions.

  o "Apply" action in 'Issue' tab, retrieves Facility object available in the Warehouses accessible by the login user based on the filter, and display them in the **Issue/Return Tools** screen.

  o "Apply" action in 'Return' tab retrieves the facility object which is issued with the Issue Basis as 'Returnable', based on the filter used.

  o "Clear" action clears all the applied filters and default them to the initial state.
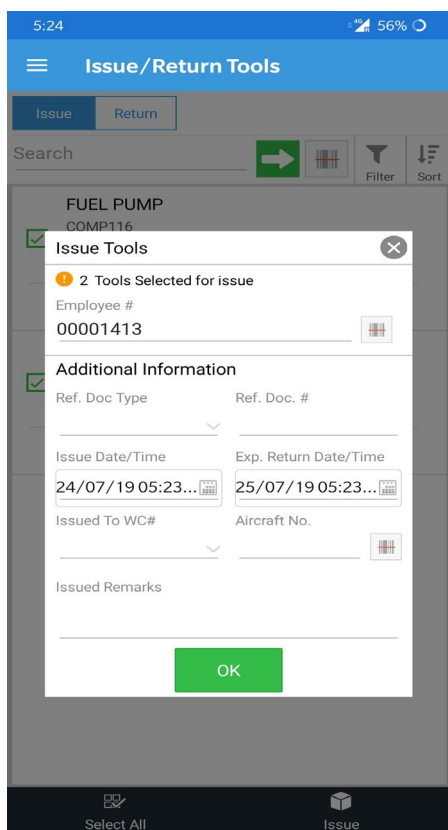
Issue/Return Tools - Sort screen

The **Sort** screen launched on tapping the Sort icon in **Issue/Return Tools** screen provides the following sort criteria retrieve the Facility object #s and display them in the Issue/Return Tools screen:

- Sort Options - Location, Condition, Part #
- Order Options - Ascending, Descending

Issue Tools pop-up

The **Issue Tools** pop-up appears after the employee is successfully scanned in the **Issue** tab of the **Issue/Return Tools** screen, to issue the tools. The pop-up displays the following details:

- No. of tools selected for issue
- Employee # (smart search enabled). Scan Icon is provided to scan the employee and display the scanned value in the editable field.
- 'Additional Information' section with the following details:
  - o 'Ref. Doc. Type' (with values A/C Maint. Exe. Ref. #, Shop Work Order # and Others), along with the editable field Ref. Doc. #
  - o Issue Date/Time
  - o Exp. Return Date/Time
  - o Issued to WC #
  - o Aircraft No.
  - o Issued Remarks

Return Tools pop-up

The **Return Tools** pop-up appears after the employee is successfully scanned in the **Return** tab of the **Issue/Return Tools** screen, to enable return of the tools. The pop-up displays the following details:

- No. of tools selected for return from the **Issue/Return Tools** screen.

- Condition drop-down with values 'New', 'Overhauled', 'Phased Out', 'Serviceable' and 'Unserviceable'.

- 'Additional Information' section with the following details:

  o Action drop-down with values 'Regular Return' and 'Transfer Return'

  o User Status

  o Return/Transfer Date and Time

  o Received/Transferred Employee # (Scan Icon is provided to scan the employee and displays the scanned value in the editable field.)

  o Return/Transfer Remarks

Index

Corporate Office and R&D Center

RAMCO SYSTEMS LIMITED

64, Sardar Patel Road, Taramani,
Chennai – 600 113, India

Office　　: + 91 44 2235 4510 / 6653 4000

Fax　　　: +91 44 2235 2884

Website : www.ramco.com