

TM

KLINGE®

Total Tyre Control® App

Quick Start Guide - TTC Pro



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Total Tyre Control® App

The TTC App consists of two components:

- TTC Mobile in TTC Earthmover.
- TTC App

The TTC App has been developed to take advantage of today's advanced mobile technology. It has been designed to work on Apple IOS and Android devices including smart phones, tablets and iPads.

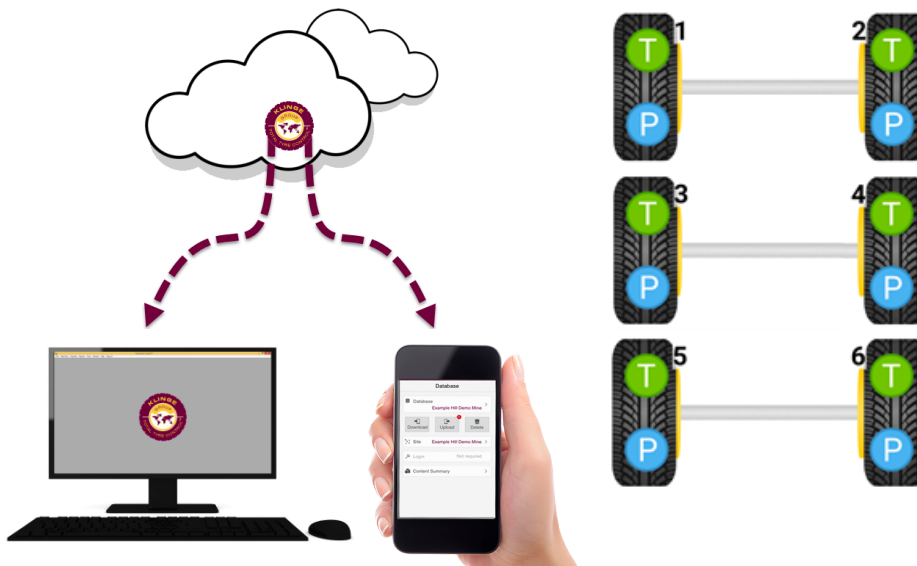


What can I do with the TTC App?

- Vehicle audits.
- Required maintenance recording.
- Full vehicle and tyre/rim search.
- Display graphical reports.

How does it work?

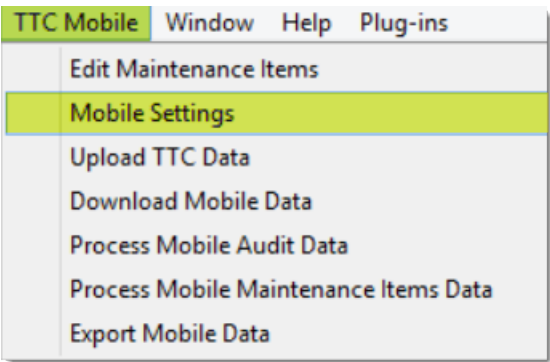
Your database is uploaded from TTC Mobile to the Cloud (non-local storage) and then downloaded in to the TTC App on your mobile device. Once you have completed audits or tasks on your mobile device, the data is transferred back to the Cloud and then downloaded into TTC Mobile, ready for processing.





TTC Mobile Setup

Some setup is required to help TTC Mobile communicate with the Cloud and subsequently with your mobile device.



Mobile Settings

Complete A, B & C before clicking **Update Settings**, **Run Action** and **OK**. The same email address, password and cloud service location are required when setting up your mobile device.

Mobile Settings

Provide your smart device (phone / tablet) settings in this form.

A Email Address: gregmack@demosite.com

B Password: [masked]

C Dataset Name: DemoSite

Cloud Service URL:
 ☒ USA
 ☐ Asia Pacific
 ☐ Custom

Options:
 ☐ Use proxy server

Slow network? Move slider to right

Click to reveal your password

1 Update Settings

Exit

TTC Action View

simple view

Register mobile device in Klinge cloud server.

2 Run Action

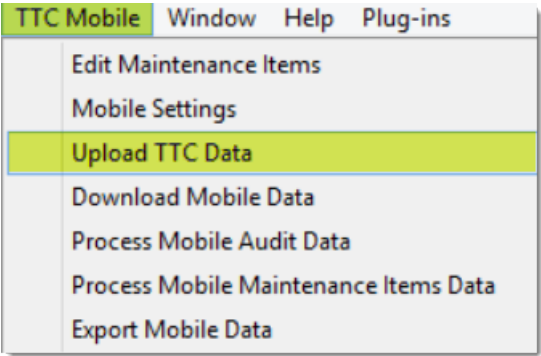
3 TTCComInterop message

Registering mobile device to https://us.klinge.biz/TTCService completed with status ... success

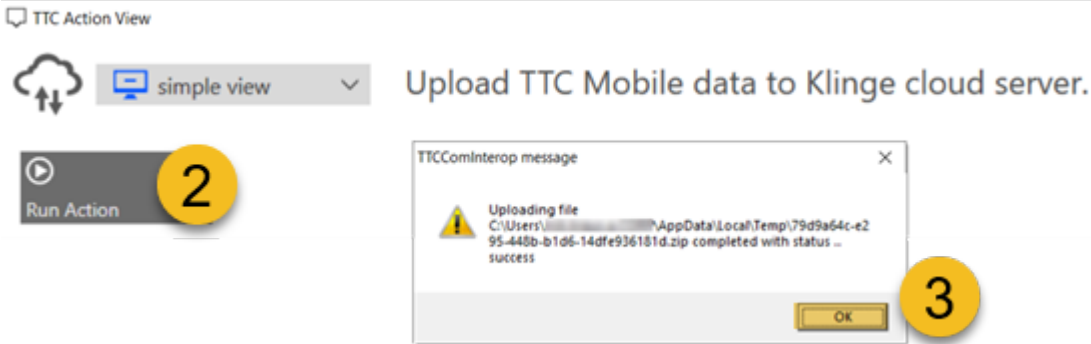
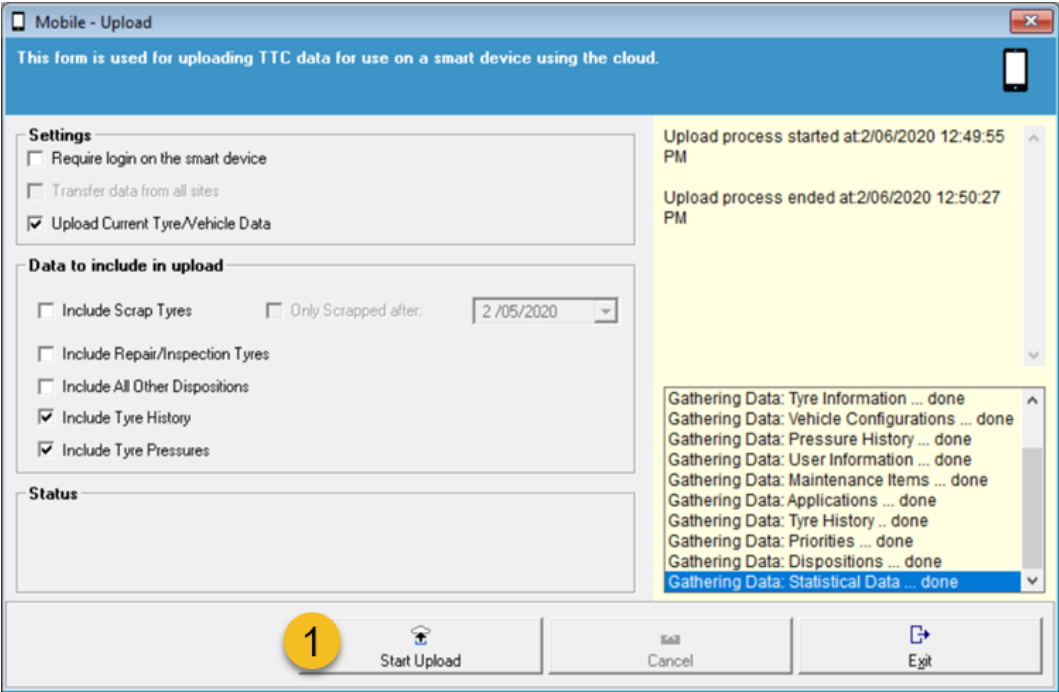
OK



Upload to Mobile Device



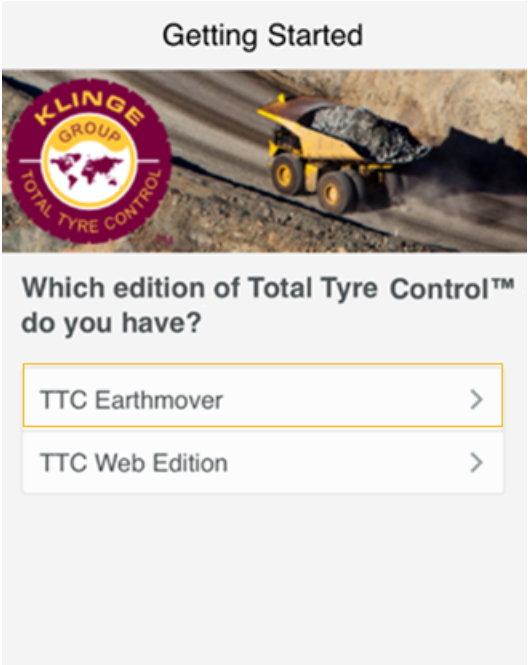
Select the items you would like transferred to your device and click **Start Upload**. On the following screen, click **Run Action** and **OK**.



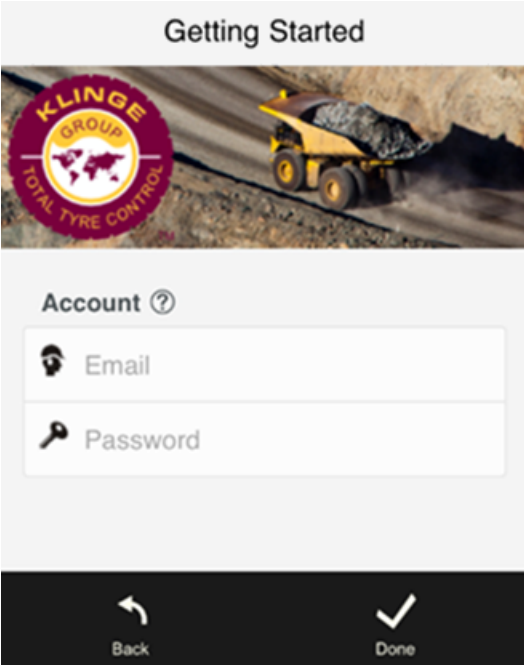


TTC App Setup

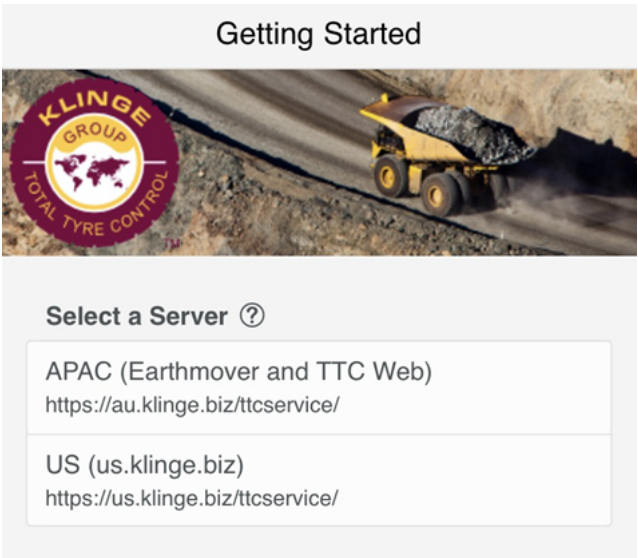
When you launch TTC App for the first time, you will be greeted by a **Getting Started** screen.



Step 1
Tap **TTC Earthmover**.



Step 2
Enter the email address and password you used to upload your data through the TTC Mobile menu in TTC Earthmover.



Step 3
Tap the server you used to upload your data in TTC Earthmover.

Once server selection is confirmed, you will be taken to the [Database selection menu](#).



Total Tyre Control® App Menus

The TTC App features an easy to navigate menu system. Browse through the following screen descriptions to learn more.



This is the screen you see when first opening the TTC App. You will find the version number of the app here in the top right hand corner. Home is also where the heart is ♥



The Activities screen is where all the action is. Record and review vehicle audits and maintenance items.

[Learn more about Activities](#)

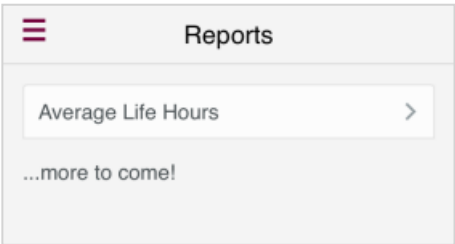
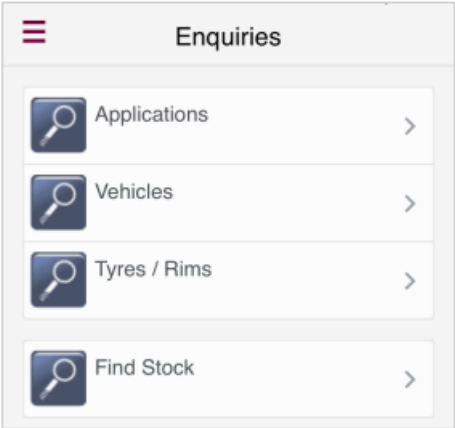
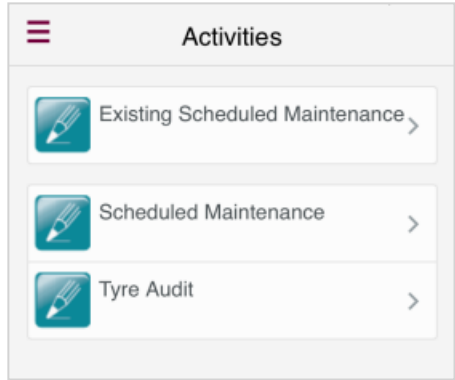
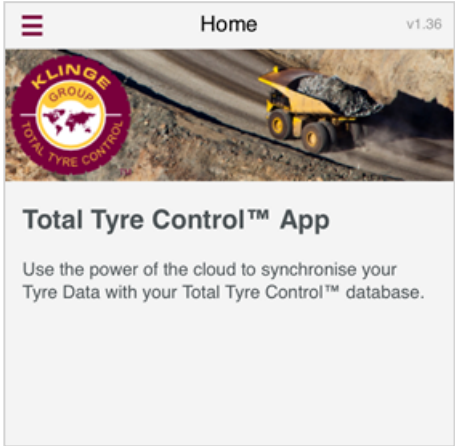


Search and browse applications, vehicles, tyres and rims and drill down for detailed information.

[Learn more about Enquiries](#)



With more reports to come, graphical information on your tyre stock will be at your fingertips.





Database >

This screen is where you dictate the traffic flow of the database. You download and upload from here, choose the site data you would like to work with and if required, enter a password. You can also view a summary of the database content.

[Learn more about this screen](#)

Database

Database

My Site >

Site

My Site >

Download

Upload

Login

Not required

Content Summary

>

Settings >

The Settings screen contains your account information and indicates which server contains your TTC data.

Settings

Account ?

greg.mack@demosite.com

.....

Login

Select a Server ?

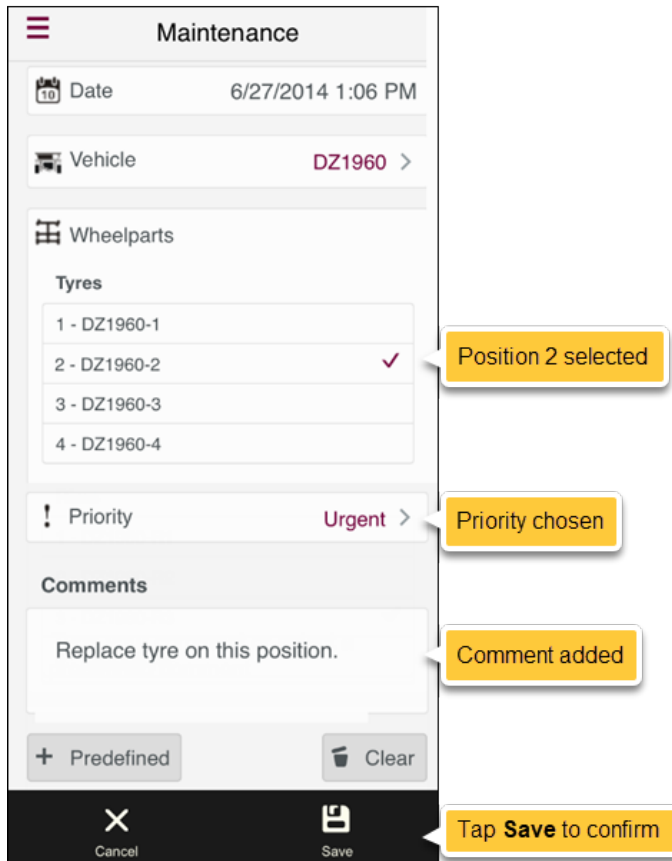
APAC (Earthmover and TTC Web)
https://au.klinge.biz/ttcservice/

✓

TTC Mobile Activities

Scheduled Maintenance

Record items found during audits and inspections and set priorities to assist with maintenance planning.



The screenshot shows the 'Maintenance' form in the TTC Mobile App. The form includes fields for Date (6/27/2014 1:06 PM), Vehicle (DZ1960), Wheelparts (Tyres), Priority (Urgent), and Comments (Replace tyre on this position.). Annotations point to specific actions: 'Position 2 selected' points to the second tyre position, 'Priority chosen' points to the Urgent priority, 'Comment added' points to the comments text area, and 'Tap Save to confirm' points to the Save button at the bottom.

To add an item

- Tap the + icon at the bottom of the screen.
- Set the date of the inspection.
- Select the vehicle.
- Select the tyre/rim that requires attention.
- Choose a Priority.
- Tap the Comments field to type your own comment or select from the predefined list.
- Repeat for next tyre/rim or tap Save.

NOTE: The Predefined comment list can be customised in TTC.



Tyre Audit

Record vehicle clock readings, temperatures, pressures and treads. You can also note or schedule any required maintenance items. You also have the choice of recording:

Treads and Pressures	Treads only	Pressures only
----------------------	-------------	----------------

Labels pointing to the screenshot:

- Audit type
- Vehicle ID
- Audit direction
- Vehicle Configuration - Position 1 selected
- Bluetooth Options - Switch off for manual edit
- Vehicle readings
- Audit date/time
- Tyre temp during audit
- Audit starting position

To add an audit

- Select a vehicle and audit type.
- Select the direction of the audit and position you would like to begin with.
- Ensure Audio Assist and Hands-Free are in the **OFF** position.
- Set the date / time of audit.
- Change the Odometer and Clock readings.
- Select Hot or Cold to indicate pressure reading temp.
- Tap the Position # in the bottom right hand corner to move to the audit screen.

Labels pointing to the screenshot:

- Tap each field to enter or adjust readings
- Add comment if needed
- Move toggle to **Yes** to create maintenance item
- Tap to move to next position or **Done** if audit is complete

- Tap each row to add or adjust pressures, temperature and treads.
- You can add comments and include them in the scheduled maintenance list.



TTC Mobile Enquiries

Browse your fleet details by application, vehicle or the tyre and rim list. For a filtered search on tyres and rims, choose **Find Stock**.

Find Stock

Actions

Start Search

Filters

Size45/65R45

DispositionRunning

Sorting

Sort bySerial Number

Search based on criteria set below

Multiple sizes and dispositions can be included in search

Go back to Enquiries screen

Dig deeper

Once you find the tyre/rim you are looking for, you can drill down for detailed information and select from the Action list.

Stock Results

DZ1960-1

90:90

XLDD2, A, *

45/65R45

Dates

Last Activity

6/16/2014 12:00 AM

First Fitted

10/27/2013

Received

10/26/2013

Tyre/Rim Actions

View History

View Pressures

Scheduled Maintenance

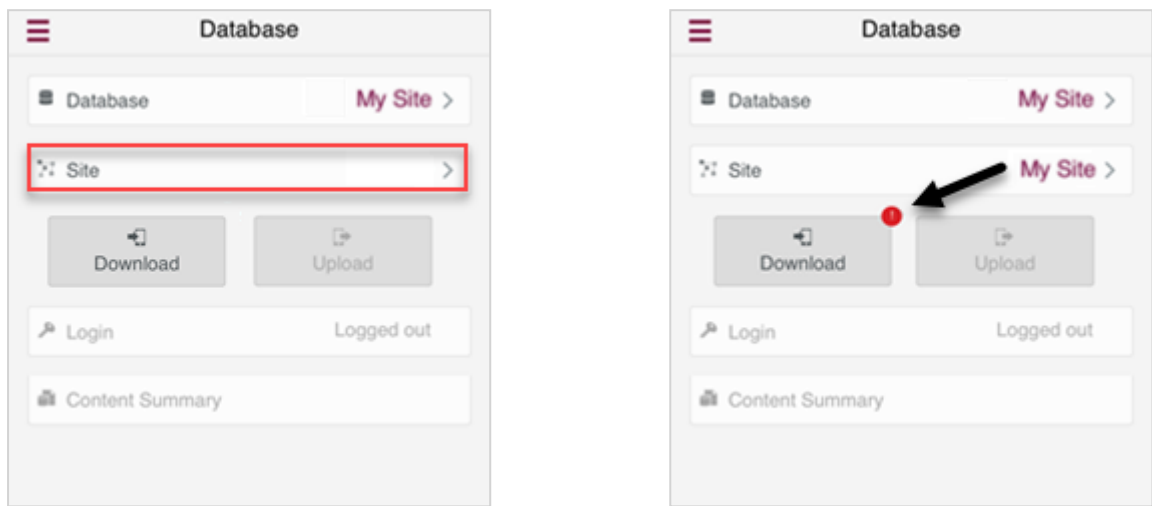
Pressure/Tread Audit



TTC Mobile Database

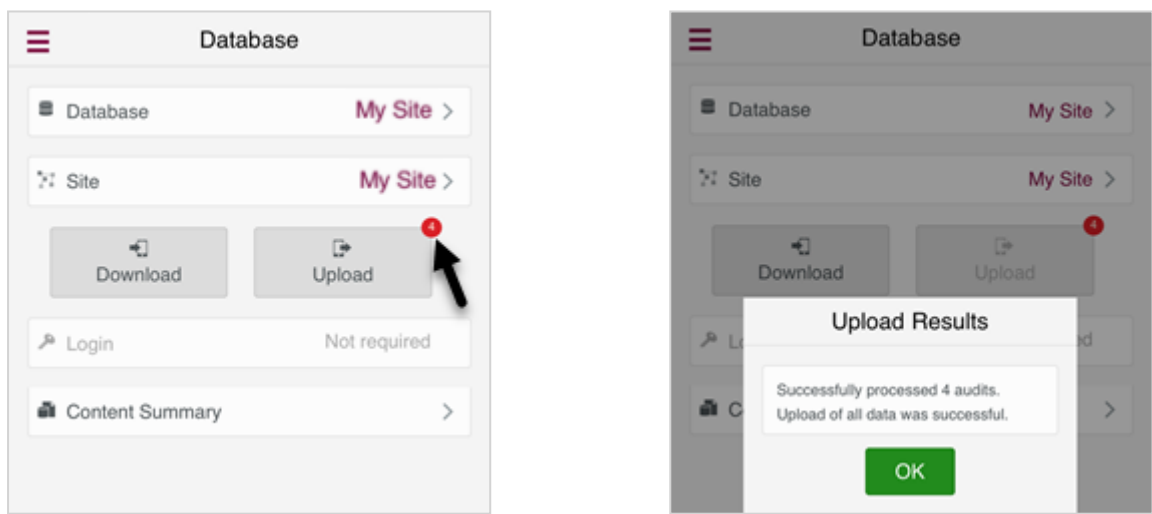
Downloading the database

Once you have signed in and chosen the site you want to collect data for, tap **Download** to transfer the data to your device. Once the data is downloaded, you are ready to go!



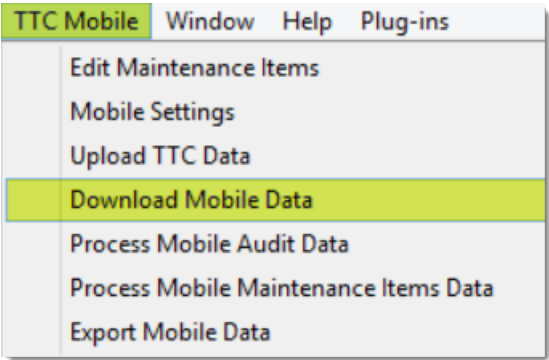
Uploading the database

Once your audits and maintenance items are complete, tap the Upload button to transfer your recordings back to the Cloud.



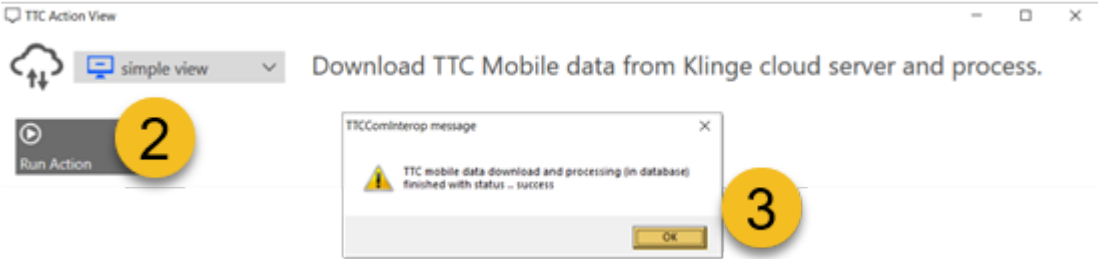
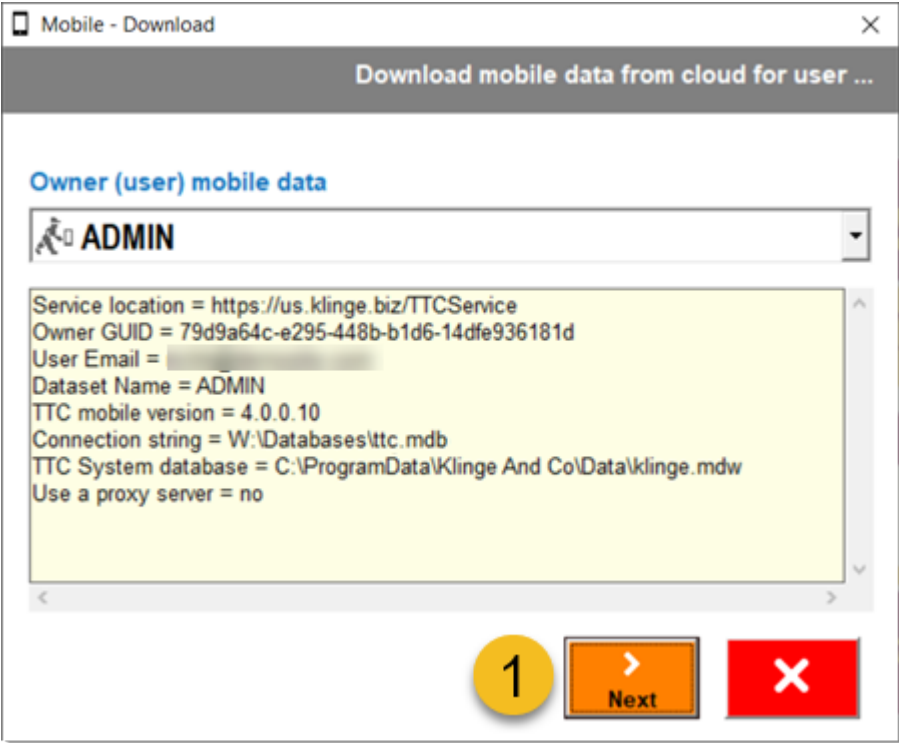


TTC Mobile - Download the Data



You will need to download your audits and maintenance items before they can be processed.

Select the Owner account, then click **Next**, **Run Action** and **OK**.



Process Mobile Audit Data

TTC Mobile Window Help Plug-ins

Edit Maintenance Items

Mobile Settings

Upload TTC Data

Download Mobile Data

Process Mobile Audit Data

Process Mobile Maintenance Items Data

Export Mobile Data

Mobile - Process Mobile Audits

This form is used for processing mobile audit data.

Owner
ADMIN

IT004

Position 1

Position 2

Position 3

Position 4

IT006

Position 1

Position 2

Position 3

Position 4

LD009

Position 1 - Damaged Valve

Position 2

Position 3

Position 4

User ADMIN

Vehicle Code IT004

Last activity 3/11/2016

Inspection Date/Time: 3/06/2023 10:44:00 AM

Days 130

Odometer: 1

Clock: 12500

Last Odometer: 1

Last Clock: 12417

Calculated Distance: 0

Calculated Hours: 83

Distance per day

Hours per day 0.06

Pressure Reading

Hot

Cold

Is Verified

Average Work Day Speed

Feedback

Checking data done

Accept

Delete

Run Audit Anomalies Report

Exit

Click **Accept** to add the valid audits to the tyre history records. Rims will receive the hours and distance data. Maintenance items will added to Scheduled Maintenance (found under Data Entry in Total Tyre Control®).

If further information becomes available after the audit and download, adjustments can be made to clock and odometer readings, tread readings, date of inspection, pressure readings, comments and maintenance priorities.



Process Mobile Maintenance Items Data

TTC Mobile Window Help Plug-ins

Edit Maintenance Items

Mobile Settings

Upload TTC Data

Download Mobile Data

Process Mobile Audit Data

Process Mobile Maintenance Items Data

Export Mobile Data

Mobile - Process Mobile Maintenance Items

This form is used for processing mobile maintenance data.

Vehicle Code	Date/Time	Position	Serial Number	Priority	Remarks
DT11	14/07/2015 9:30:32 PM	1	S4U002523	1	No Valve Cap.
DT11	14/07/2015 9:30:32 PM	2	S4U000664	1	No Valve Cap.
DT20	13/07/2015 11:30:00 PM	6	B4NQH0081	1	Shoulder wear.
DT32R	14/07/2015 9:31:00 PM	4	793066	0	Foreign object.
IGR2R	13/07/2015 11:29:00 PM	5	24008	0	Cracked rim.

Owner
ADMIN

Details

Mine Code: DM

Vehicle Code: DT11

Date/Time: 14/07/2015 9:30:32 PM

Position: 1

Serial Number: S4U002523

Priority: Low Priority

Remarks: No Valve Cap.

Completed: ☐ 6 /03/2015

Errors

Type	Description
Info	No Errors

There are 5 outstanding Scheduled Maintenance records in mine 'DM' for user 'ADMIN'.

Checking data ... done

Accept

Delete

Exit

Select each line to review the maintenance item and edit the priority and remarks if needed. Clicking **Accept** will add all valid items to Scheduled Maintenance (found under Data Entry in Total Tyre Control®).

Completed: ☒ 14/07/2015

If the item is already listed in Scheduled Maintenance and has been completed, select the check box and date of completion before clicking **Accept**.