



Training Manual:

User login

VTS DEVICE

# Trackmaster

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<b>Project Webpage URL</b>	<a href="http://claas.trackmaster.in">claas.trackmaster.in</a>
<b>Version</b>	1.0
<b>Description</b>	Initial Release

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## Overview

Trackmaster is a web-based application developed to simplify, automate and manage the agricultural machinery. Using the Trackmaster web portal, Machine owners will have the ability to view status of their Machines– Live.

The Trackmaster web portal will simplify the monitoring of agricultural machinery, Threshers, tractors, combine machines etc

## Trackmaster user view

- 1) Dashboard
- 2) Live status
- 3) Map
  - (a) All Machines
  - (b) Route playback
  - (c) Route with direction
- 4) Analysis
  - (a) Thresher report
  - (b) Ignition report
  - (c) Engine report
  - (d) Machine Summary
  - (e) Alerts log
- 5) Training
  - (a) Download manual
  - (b) Site map
- 6) Customer care
  - (a) Add service request
  - (b) Request status
  - (c) Feedback
  - (d) Contact details
- 7) Profile & settings
  - (a) My profile
  - (b) Driver info
  - (c) Trackmaster details
  - (d) Machine type
  - (e) Manage users
  - (f) Change password
- 8) My bill
  - (a) Account summary
  - (b) Payment option
- 9) Log out

## Login

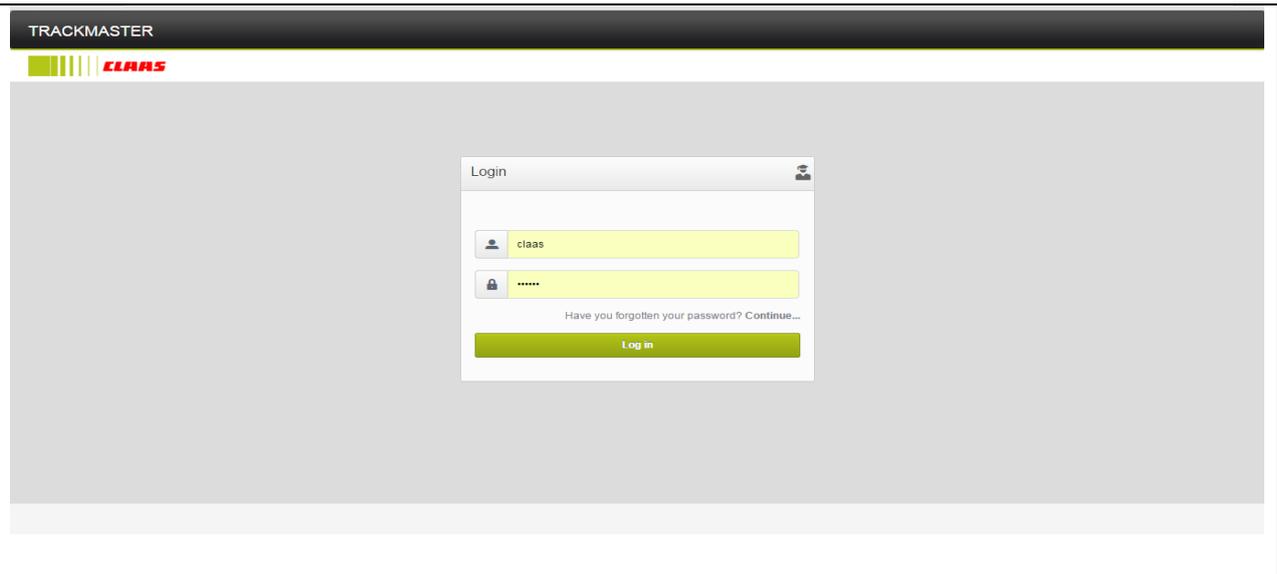


Fig 1.

### Description

- User enters his/her login credential to access the portal. If the credentials are correct then user is redirected to respective Home page / Dashboard. Live Status View. (Fig 3).

## Forgot Password

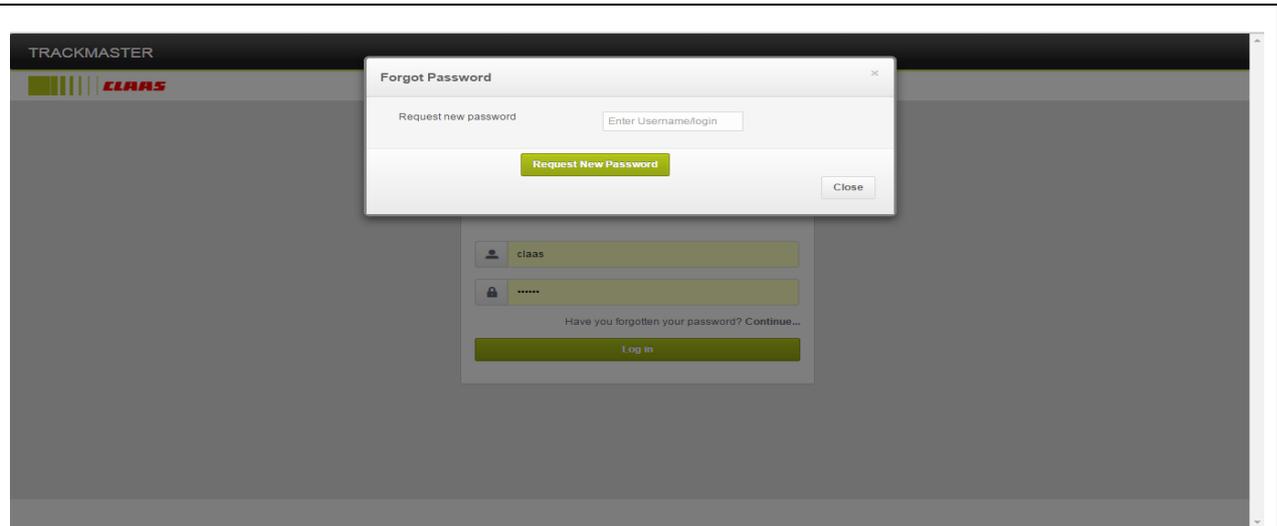


fig 2.

### Description

- If user forgot his/her password then he/she clicks on “Have you forgotten your Password? Continue”. On click a popup modal is open where User has to enter his/her username. If username is exist in database and Correct then a *new* password is send to user’s registered email Id otherwise It show an Error.

# Dashboard

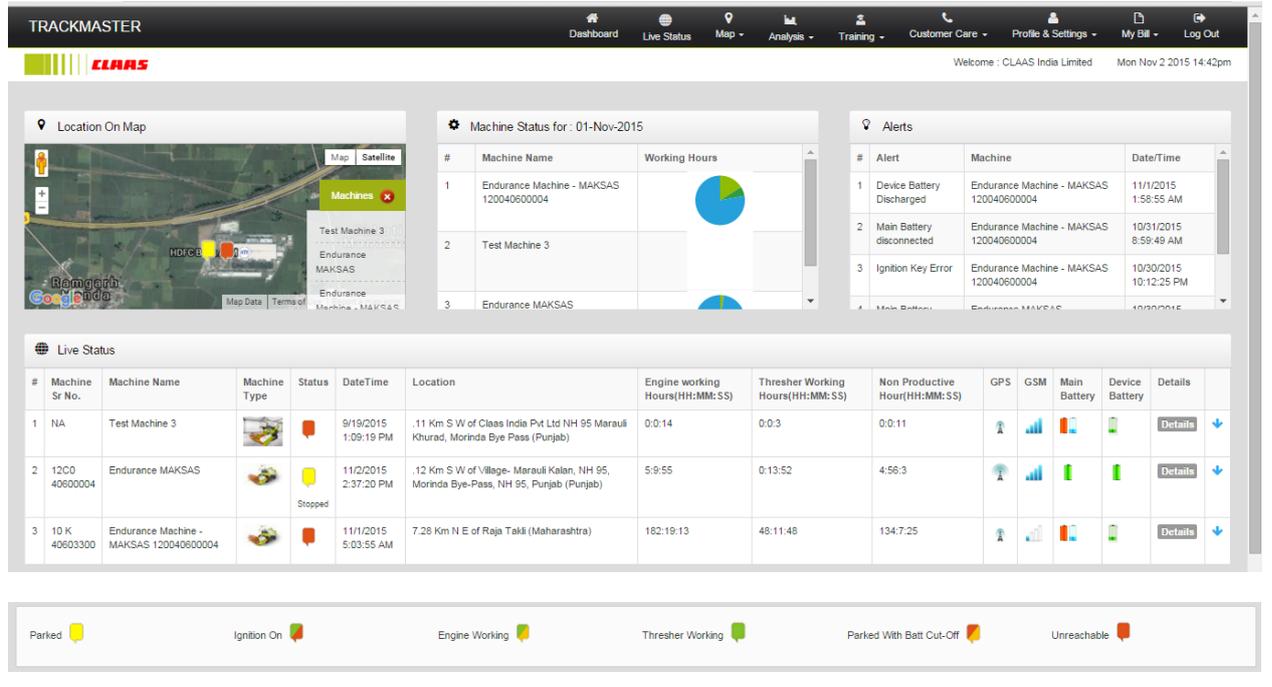


fig 3

## Description

Dashboard is divided into four sections

- i. Location on map:-Shows the current location of all machine of a user on map.
- ii. Machine Status :- Shows pie chart for working hours
- iii. Alerts:- Shows Alerts occurred, Alerts are of four types( a. ignition key error, b. Device Battery discharged, c. Main Battery disconnected, d.device Inactive)
- iv. Live Status :-Shows Machine Serial Number Machine name, Machine type, Status(status Can be of six types as shown in figure 3.1)  
Last data date , Current location, Total Engine working hours from installation date to up to till date , thresher working hours, Non-productive Hours (difference of Engine Working hours and Thresher working hours) ,Strength of GPS signal, GSM (strength of GSM signal),Main Battery (Shows Machines Battery Status),Device Battery(shows Status of device Battery), Details, Dropdown arrow

## Status icons



Fig 3.1

# Live Status

The screenshot shows the TRACKMASTER Live Status dashboard. At the top, there is a navigation bar with icons for Dashboard, Live Status, Map, Analysis, Training, Customer Care, Profile & Settings, My Bill, and Log Out. Below the navigation bar is the CLAAS logo and a welcome message: "Welcome : CLAAS India Limited Mon Nov 2 2015 14:28pm".

The main content area is titled "Live Status" and contains a table with the following columns: #, Machine Sr No., Machine Name, Machine Type, Status, DateTime, Location, Engine working Hours(HH:MM:SS), Thresher Working Hours(HH:MM:SS), Non Productive Hour(HH:MM:SS), GPS, GSM, Main Battery, Device Battery, and Details. There are three rows of data in the table.

Below the table is a legend for machine status: Parked (yellow), Ignition On (red), Engine Working (green), Thresher Working (green), Parked With Batt Cut-Off (orange), and Unreachable (red).

#	Machine Sr No.	Machine Name	Machine Type	Status	DateTime	Location	Engine working Hours(HH:MM:SS)	Thresher Working Hours(HH:MM:SS)	Non Productive Hour(HH:MM:SS)	GPS	GSM	Main Battery	Device Battery	Details
1	NA	Test Machine 3			9/19/2015 1:09:19 PM	.11 Km S W of Claas India Pvt Ltd NH 95 Marauli Khurad, Morinda Bye Pass (Punjab)	0:0:14	0:0:3	0:0:11					Details ↓
2	12C0 40600004	Endurance MAKSAS		Stopped	11/2/2015 2:27:20 PM	-12 Km S W of Village- Marauli Kalan, NH 95, Morinda Bye-Pass, NH 95, Punjab (Punjab)	5:9:55	0:13:52	4:56:3					Details ↓
3	10 K 40603300	Endurance Machine - MAKSAS 120040600004			11/1/2015 5:03:55 AM	7.28 Km N E of Raja Takli (Maharashtra)	182:19:13	48:11:48	134:7:25					Details ↓

Fig 4.

## Description

- Shows Machine Serial Number Machine name, Machine type, Status(status Can be of four types as shown in figure 3.1), Last data date, Current location, Total Engine working hours from installation date to up to till date, thresher working hours, Non-productive Hours (difference of Engine Working hours and Thresher working hours), Strength of GPS signal, GSM (strength of GSM signal), Main Battery (Shows Machine's Battery Status), Device Battery (shows Status of device Battery), Details, Dropdown arrow

#	Machine Sr No.	Machine Name	Machine Type	Status	DateTime	Location	Engine working Hours(HH:MM:SS)	Thresher Working Hours(HH:MM:SS)	Non Productive Hour(HH:MM:SS)	GPS	GSM	Main Battery	Device Battery	Details
1	NA	Test Machine 3			11/2/2015 9:32:47 PM	.05 Km N E of Village- Marauli Kalan, NH 95, Morinda Bye-Pass, NH 95, Punjab (Punjab)	0:26:38	0:12:17	0:14:21					Details ↓

Fig 4.1

The following popup window opens on clicking the arrow highlighted in figure 4.1

3	10 K 40603300	Endurance Machine - MAKSAS 120040600004			11/1/2015 5:03:55 AM	7.28 Km N E of Raja Takli (Maharashtra)	182:19:13	48:11:48	134:7:25					Details ↑
Machine Sr No:	10 K 40603300	Machine Name:	Endurance Machine - MAKSAS 120040600004		Device Id:	N149		GPS Signal:	6					
Current Ignition Status	OFF	Current Engine Status:	OFF		Current Thresher Status	OFF		GSM Signal :	7					
Today's Engine Hr:	0:0:0	Today's Thresher Hr:	0:0:0		Mobile Number For Alerts	919780070809		Box Battery Level	1					
Activation Status	Active	Installation Date	09/17/2015		Location:	7.28 Km N E of Raja Takli (Maharashtra)		Last Date:	11/1/2015 5:03:55 AM					

Fig 4.2

**Description** :- figure 4.2 shows additional details machine Serial no, machine name, device Id (Id of a device installed in the machine), GPS Signal (strength of GPS signal), Current ignition status (ON/OFF), current engine status (ON/OFF), Current thresher Status (ON/OFF), GSM Signal (Strength of GSM signal), Today's engine hours (shows total engine on time for today in HH:MM:SS format), total thresher (shows total thresher working time for today in HH:MM:SS format), Mobile No for Alerts (the mobile no on which the user will receive alerts related to the machine), Box Battery level (shows device battery level), Activation Status (Device is active or inactive), Installation date (Date when the device is installed on the machine), Location (Last Location of machine, Last date (Last data received date)).

## Machine Details

**TRACKMASTER** | Dashboard | Live Status | Map | Analysis | Training | Customer Care | Profile & Settings | My Bill | Log Out

Welcome : CLAAS India Limited | Tue Nov 3 2015 15:32pm

**Machine Details**

Endurance MAKASAS Status for : 02-Nov-2015

**Machine Details**

Name :	Endurance MAKASAS	Machine Sr No :	1200 40600004	Machine Type :	CT40 W
Location :	.08 Km N W of Miran da Dhaba, NH 95 Manpur (Punjab)				
Ignition Status :	OFF				
Engine :	OFF				
Thresher :	OFF				
Machine Battery :					
Device Battery :		GPS :		GSM :	
Installation Date :	08/03/2015	Device ID :	1660	Engine Hours :	00:00:00
Total Engine Hours :	5:36:29				
Total Thresher Hours :	0:13:52				
Mobile No. For Alerts :	919780070800				
Current Speed :	0 Kmph	Average Speed :	3 Kmph	Max Speed :	5 Kmph
LastAlertDate :	11/3/2015 7:39:08 AM	Activation Status :	Active		

**Location On Map**

Map | Satellite

Fig 5.

**Description:-**Shows details of Machine including image of machine, Pie chart of machine working of one day before till date and some other details, location of machine on map.

## All Machines

**TRACKMASTER** | Dashboard | Live Status | Map | Analysis | Training | Customer Care | Profile & Settings | My Bill | Log Out

Welcome : CLAAS India Limited | Tue Nov 3 2015 15:55pm

**Map**

**Test Machine 3**

LastUpdated: 2/11/2015 21:32:47  
 Location: .05 Km N E of Village- Marauli Kalan, NH 95, Morinda Bye-Pass, NH 95, Punjab (Punjab)

**Machines**

- Test Machine 3 - Machine Unreachable
- Endurance MAKASAS - Machine is Stopped
- Endurance Machine - MAKASAS
- 120040600004 - Machine Unreachable

Fig 6.

**Description :** Shows All Machine location on map with Location and last updated date

## Route Playback

The screenshot shows the TRACKMASTER web application interface. At the top, there is a navigation bar with the TRACKMASTER logo and CLAAS logo. Below the navigation bar, there is a search bar with the following filters: Select Machine: Endurance Machine - MAKS, From Date: 10/16/2015, To Date: 10/16/2015, From Time: 12:00am, To Time: 12:25pm, and a search button. Below the search bar, there is a map section with a 'Map' button and a 'Satellite' button. The map displays a satellite view of a rural area with a blue route and several green flags. A 'Route Playback' panel is visible on the right side of the map, showing a list of coordinates and timestamps, along with playback controls and summary statistics like speed and total distance.

Fig7

**Description :** First of all search data between two date and then click on play button ,it starts drawing the working path of machine on the map between those selected dates, and the flags shows the stating and end points of the route

## Route with Direction

The screenshot shows the TRACKMASTER web application interface. At the top, there is a navigation bar with the TRACKMASTER logo and CLAAS logo. Below the navigation bar, there is a search bar with the following filters: Select Machine: Endurance Machine - MAKS, From Date: 10/16/2015, To Date: 10/16/2015, From Time: 12:00am, To Time: 3:43pm, and a search button. Below the search bar, there is a map section with a 'Map' button and a 'Satellite' button. The map displays a satellite view of a rural area with a blue route and several red and white checkered flags. The 'Route Playback' panel is not visible in this view.

Fig 8

**Description:** plays the route with direction arrows

# Ignition Report

TRACKMASTER

[Dashboard](#)
[Live Status](#)
[Map](#)
[Analysis](#)
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[Profile & Settings](#)
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[Log Out](#)

Welcome : CLAAS India Limited    Mon Nov 2 2015 15:34pm

**Ignition Report**

Select Machine: Endurance Machine - MAKSAS
 From Date: 10/30/2015
 To Date: 10/30/2015
 From Time: 12:00am
 To Time: 2:00pm

search
Export
Email

S.No	Machine Name	Machine Sr.No	Date Time	Trigger Type	Status	On Duration (HH:MM:SS)	Off Duration (HH:MM:SS)	Location
1	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 12:09:05 AM	Ignition	OFF		9:53:34	10.46 Km N W of Hadgaon (Maharashtra)
2	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 10:02:39 AM	Ignition	ON	0:11:14		10.46 Km N W of Hadgaon (Maharashtra)
3	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 10:13:53 AM	Ignition	OFF		0:52:46	10.46 Km N W of Hadgaon (Maharashtra)
4	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:06:39 AM	Ignition	ON	0:24:15		10.46 Km N W of Hadgaon (Maharashtra)
5	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:30:54 AM	Ignition	OFF		0:3:42	10.46 Km N W of Hadgaon (Maharashtra)
6	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:34:36 AM	Ignition	ON	0:45:39		10.46 Km N W of Hadgaon (Maharashtra)
7	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 12:20:15 PM	Ignition	OFF		0:31:42	10.46 Km N W of Hadgaon (Maharashtra)
8	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 12:51:57 PM	Ignition	ON	1:7:33		10.46 Km N W of Hadgaon (Maharashtra)

1 - 8 of 8 items

Total report time: 14:0:0
Total duration: 13:50:25
Total on duration : 2:28:41
Total off duration: 11:21:44

**Fig 9**

**Description :-** Shows Machine Name, Machine serial number , ignition on/off time with on/off duration and location of machine where the ignition was on or off . and the footer shows Total report time(difference of from date and to date), Total duration , Total on duration(total ignition on time), Total off duration (total ignition off duration).

# Engine Report

TRACKMASTER

[Dashboard](#)
[Live Status](#)
[Map](#)
[Analysis](#)
[Training](#)
[Customer Care](#)
[Profile & Settings](#)
[My Bill](#)
[Log Out](#)

Welcome : CLAAS India Limited    Mon Nov 2 2015 15:50pm

Engine Report

Select Machine: Endurance Machine - MAKS
 From Date: 10/29/2015
 To Date: 10/29/2015
 From Time: 12:00am
 To Time: 11:20am

S No	Machine Name	Machine Sr.No	Date Time	Trigger Type	Status	On Duration (HH:MM:SS)	Off Duration (HH:MM:SS)	Location
1	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 12:21:47 AM	Engine	OFF		6:58:35	7.32 Km N E of Raja Takli (Maharashtra)
2	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 07:20:22 AM	Engine	ON	1:38:5		7.32 Km N E of Raja Takli (Maharashtra)
3	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 08:58:27 AM	Engine	OFF		0:8:0	9.21 Km N E of Changatpuri (Maharashtra)
4	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 09:06:27 AM	Engine	ON	0:25:48		9.21 Km N E of Changatpuri (Maharashtra)
5	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 09:32:15 AM	Engine	OFF		0:18:17	10.86 Km S E of Kothal (Maharashtra)
6	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 09:50:32 AM	Engine	ON	0:44:38		10.92 Km S E of Kothal (Maharashtra)
7	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 10:35:10 AM	Engine	OFF		0:43:55	10.46 Km N W of Hadgaon (Maharashtra)
8	Endurance Machine - MAKSAS 120040600004	10 K 40603300	29/10/2015 11:19:05 AM	Engine	ON	0:0:16		10.45 Km N W of Hadgaon (Maharashtra)

1 - 8 of 8 items

Total report time: 11:20:0     
 Total duration: 10:57:34     
 Total on duration : 2:48:47     
 Total off duration: 8:8:47

**Fig 10**

**Description :-** Shows Machine Name, Machine serial number , Engine on/off time with on/off duration and location of machine where the Engine was on or off . and the footer shows Total report time(difference of from date and to date), Total duration , Total on duration(total Engine on time), Total off duration (total Engine off duration).

# Thresher Report

TRACKMASTER

Dashboard
Live Status
Map
Analysis
Training
Customer Care
Profile & Settings
My Bill
Log Out

Welcome : CLAAS India Limited
Mon Nov 2 2015 15:52pm

Thresher Report

Select Machine: Endurance Machine - MAKS From Date: 10/30/2015 To Date: 10/30/2015 From Time: 12:00am To Time: 12:15pm
search
Export
Email

S.No	Machine Name	Machine Sr.No	Date Time	Trigger Type	Status	On Duration (HH:MM:SS)	Off Duration (HH:MM:SS)	Location
1	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 12:09:05 AM	Thresher	OFF		9:57:17	10.46 Km N W of Hadgaon (Maharashtra)
2	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 10:06:22 AM	Thresher	ON	0:2:32		10.46 Km N W of Hadgaon (Maharashtra)
3	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 10:08:54 AM	Thresher	OFF		1:2:8	10.47 Km N W of Hadgaon (Maharashtra)
4	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:11:02 AM	Thresher	ON	0:19:15		10.46 Km N W of Hadgaon (Maharashtra)
5	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:30:17 AM	Thresher	OFF		0:4:25	10.46 Km N W of Hadgaon (Maharashtra)
6	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:34:42 AM	Thresher	ON	0:20:8		10.46 Km N W of Hadgaon (Maharashtra)
7	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 11:54:50 AM	Thresher	OFF		0:14:36	10.46 Km N W of Hadgaon (Maharashtra)
8	Endurance Machine - MAKSAS 120040600004	10 K 40603300	30/10/2015 12:09:26 PM	Thresher	ON	0:0:0		10.46 Km N W of Hadgaon (Maharashtra)

1 - 8 of 8 items

Total report time: 12:15:0
Total duration: 12:0:21
Total on duration : 0:41:55
Total off duration: 11:18:26

**Fig 11**

**Description :-** Shows Machine Name, Machine serial number , Thresher on/off time with on/off duration and location of machine where the thresher was on or off . and the footer shows Total report time(difference of from date and to date), Total duration , Total on duration(total Thresher on time), Total off duration (total thresher off duration).

# Machine Summary

TRACKMASTER

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Welcome : CLAAS India Limited Mon Nov 2 2015 15:56pm

Machine Summary

Select Machine: Endurance MAKSAS
 From Date: 10/30/2015
 To Date: 10/30/2015
 From Time: 12:00am
 To Time: 3:55pm

User Name	Machine No.	Report Time From (HH:MM:SS)	Report Time To (HH:MM:SS)	Total Report Time (HH:MM:SS)	Total Engine Working duration (HH:MM:SS)	Total Thresher Working duration (HH:MM:SS)	Total Non Productive duration (HH:MM:SS)	Start Location
CLAAS India Limited	Endurance MAKSAS 12C0 40600004	12:00:00 AM	03:55:00 PM	15:55:0	0:28:10	0:4:17	0:23:53	.05 Km S W of Village- Marauli Kalan, NH 95, Morinda Bye-Pass, NH 95, Punjab (Punjab)

Total* Travelled Distance(KM)*	Total* Harvesting Distance(KM)*	Cutter Bar Width(Meter)	Harvested Area(Acre)*	Machine Idle duration (HH:MM:SS)	End Location
0.2	0	3.2	0	15:31:7	.06 Km S W of Village- Marauli Kalan, NH 95, Morinda Bye-Pass, NH 95, Punjab (Punjab)

Alerts Summary

#	Alert Type	Alert Date
1	Main Battery disconnected	30/10/2015 02:37:34 PM
2	Ignition Key Error	30/10/2015 11:34:27 AM
3	Main Battery disconnected	30/10/2015 10:34:58 AM
4	Main Battery disconnected	30/10/2015 10:33:16 AM

1 - 4 of 4 items

Graphical Analysis

■ Total Report Time(HH:MM:SS)
 ■ Thresher Working Duration(HH:MM:SS)
 ■ Engine Working Duration(HH:MM:SS)

Detailed Summary

Engine On Time	Engine Off Time	Thresher On Time	Thresher Off Time	Engine Working Duration(HH:MM:SS)	Thresher Working Duration(HH:MM:SS)
30/10/2015 08:12:21 AM	30/10/2015 08:15:29 AM			0:3:8	
30/10/2015 08:29:15 AM	30/10/2015 08:35:43 AM			6:6:28	
30/10/2015 09:22:48 AM	30/10/2015 09:23:13 AM			0:0:25	
30/10/2015 10:10:44 AM	30/10/2015 10:11:41 AM			0:0:57	
30/10/2015 10:57:38 AM	30/10/2015 10:58:25 AM			0:0:47	
30/10/2015 11:14:46 AM	30/10/2015 11:14:50 AM			0:0:4	
30/10/2015 11:34:31 AM	30/10/2015 11:35:55 AM			0:1:24	
30/10/2015 11:45:29 AM	30/10/2015 11:45:43 AM			0:0:14	
30/10/2015 02:20:04 PM	30/10/2015 02:20:29 PM			0:0:25	
30/10/2015 02:40:25 PM	30/10/2015 02:43:01 PM	30/10/2015 02:41:00 PM	30/10/2015 02:42:54 PM	0:2:36	0:1:54
30/10/2015 02:49:53 PM	30/10/2015 02:50:41 PM	30/10/2015 02:49:57 PM	30/10/2015 02:50:37 PM	0:0:48	0:0:40

1 - 11 of 11 items

**Fig 12**

Description :- Shows Name of user, Machine name with serial No, Report Time From(The time selected time from) ,Report Time To(selected to time),Total report time(difference of report time to and report time from ),Total engine working duration (total time the engine was on),total thresher working duration(total time the thresher was on),Total non productive duration (Total time when the engine was on but thresher was not working),start location ,Total travelled distance(total distance travelled by the machine in KMs),Total harvesting distance, Cutter bar width(width of cutter bar of a machine in Meters),Harvested area in Acers, Machine Idle duration (difference of total report time and total engine working duration.

**Alerts Summary-** shows various kind of alerts occurred between selected intervals.

**Graphical Analysis-** shows graphical representation of total report time, thresher working duration ,engine working duration

**Detailed Summary –** Engine on time (date/time when the engine was turned on),Engine off time(date/time when the engine was turned off),Thresher on time (date/time when the engine was turned on), Thresher off time(date/time when the engine was turned off),Engine working duration and thresher working duration

## Alerts log report

TRACKMASTER Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

CLAAAS Welcome : CLAAAS India Limited Mon Nov 2 2015 16:05pm

Alerts Summary

Select Machine:  From Date:  To Date:  From Time:  To Time:

S.No	Machine Name	Date/Time	Alert Type
1	Endurance MAKSAS	30/10/2015 10:33:16 AM	Main Battery disconnected
2	Endurance MAKSAS	30/10/2015 10:34:58 AM	Main Battery disconnected
3	Endurance MAKSAS	30/10/2015 02:37:34 PM	Main Battery disconnected
4	Endurance Machine - MAKSAS 120040600004	31/10/2015 08:59:49 AM	Main Battery disconnected
5	Test Machine 3	02/11/2015 03:51:19 PM	Main Battery disconnected
6	Endurance Machine - MAKSAS 120040600004	01/11/2015 01:58:55 AM	Device Battery Discharged
7	Endurance MAKSAS	30/10/2015 11:34:27 AM	Ignition Key Error
8	Endurance Machine - MAKSAS 120040600004	30/10/2015 12:20:15 PM	Ignition Key Error
9	Endurance Machine - MAKSAS 120040600004	30/10/2015 12:20:15 PM	Ignition Key Error
10	Endurance Machine - MAKSAS 120040600004	30/10/2015 10:12:25 PM	Ignition Key Error

1 - 10 of 10 items

Fig 13

**Description:** Alerts log reports shows the report of all alerts .User can select machine wise alerts by selecting the machine name from dropdown and can also select the alerts for all machine by selecting the all option in the dropdown .

## Email Reports

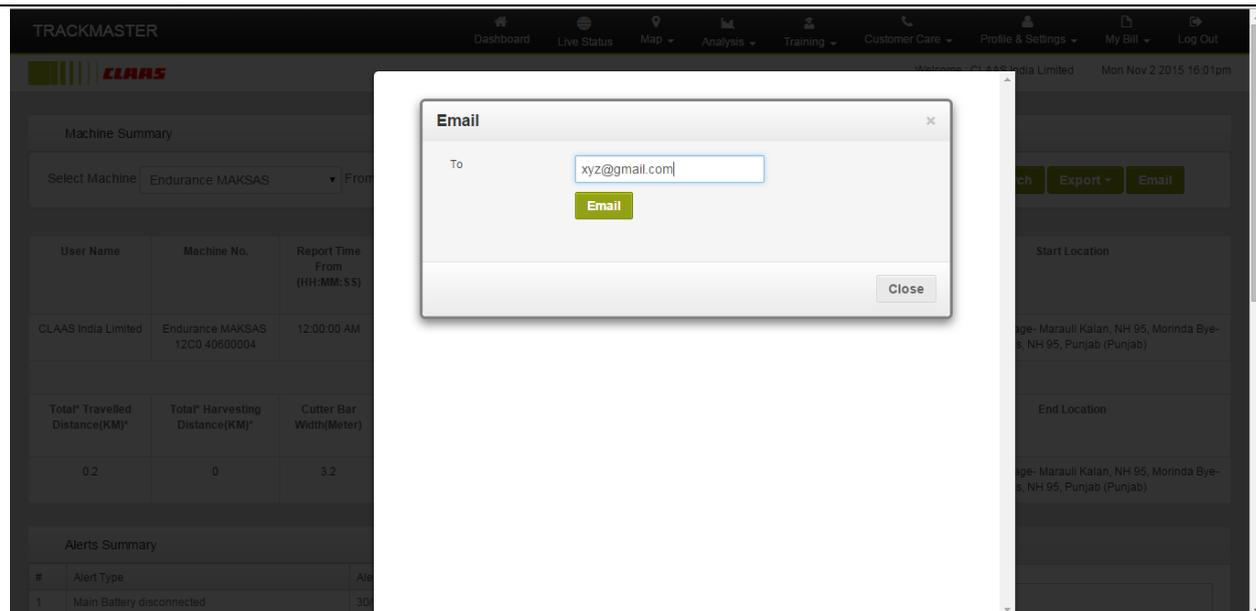


Fig 14

**Description:** - User can also receive various reports(ignition ,engine ,Thresher, Machine summary and alerts report)on email by clicking on email button provided in reports section)

## Export To Excel



**Description:** - user can generate the MS-excel of all reports (ignition, engine, Thresher, Machine summary and alerts report), by clicking on the export button.

## Download device Installation manual

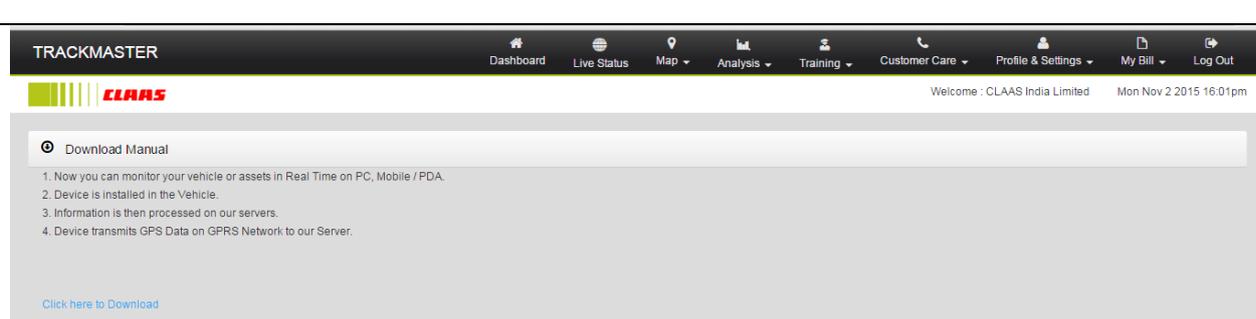


Fig 15.

**Description:** - user can download user and installation manual of devices by clicking on “Click here to download” link shown in Fig 15.

## Site Map

**TRACKMASTER** Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

Welcome : CLAAS India Limited Tue Nov 3 2015 14:15pm

**Site Map**

- Dashboard
- Live Status
- Map
  - All Machines
  - Route Playback
  - Route With Direction
- Analysis
  - Ignition Report
  - Engine Report
  - Thresher Report
  - Machine Summary
  - Alerts Log
- Training
  - Download Manual
  - Site Map
- Customer Care
  - Add Service Request
  - Request Status
  - Feed Back
  - Contact Details
- Profile & settings
  - My Profile
  - Driver Info
  - Trackmaster Details
  - Machine Type
  - Manage Users
  - Change Password
- My Bill
  - Account Summary
  - Payment Option
- Log Out

Fig 16

**Description:** - Site map shows the list of menus

## Account Summary

**TRACKMASTER** Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

Welcome : Jaipuria Faizabad Mon Nov 2 2015 16:12pm

**Account Summary**

Bill No	Billing Cycle	Device	Total Subscription (Rs)	Other Charges (+) (Rs)	Discount (-) (Rs)	Prev. Balance (+) (Rs)	Payable Amt. (Rs)	Payments (-) (Rs)	Balance (Rs)	STATUS	View Bill
1456367-6-10	06/10/2015 TO 31/03/2016	3	4425	0	0	0	4425	0	4425	Unpaid	View Bill

1 - 1 of 1 items

Fig 17

**Description:** - It shows bill no, billing cycle(Start date of bill and end date ),Devices(No of devices for which the bill is generated),Total subscription amount, other charges if any, Discount, previous balance ,payable amount after discount, payments, Balance amount ,Status(Paid/unpaid) and the view bill link, By clicking on “view bill “link the user can see his/her bill as shown in figure 18.

## View Bill

JAIPURIA FAIZABAD LUCKNOW LUCKNOW UTTAR PRADESH 0 9415039135	Account Number: <b>15-6367</b> Bill Number: <b>1456367-6-10</b> Bill Date: <b>06-Oct-2015</b> Bill Period: <b>06/10/2015 TO 31/03/2016</b> Due Date: <b>11-Oct-2015</b>
---	---

Total Bill

Bill Summary				
Previous Balance(+)	Adjustments (-)	Current Charges	Amount Payable By	Amount Payable After
0.00	0.00	4425.00	<b>11-Oct-2015</b>	16-Oct-2015
			<b>4425.00</b>	4725.00

1. Subscription/Lease Rent:	750.00
2. SMS Alerts Charges:	0.00
3. Voice Charges:	0.00
4. Service Charges:	0.00
5. Reactivation Charges:	0.00
<b>Current Charges:</b>	<b>4425.00</b>
<b>Discounts(0.00 %):(-)</b>	<b>0.00</b>
<b>Previous Balance(+)</b>	<b>0.00</b>

<b>Payable Charges(Rs.):</b>	<b>4425.00</b>
------------------------------	----------------

We offer various options to make your subscription payment by Cheque / Demand Draft / Money Order / Cash Deposit

<ul style="list-style-type: none"> <li>Bank Name : <b>State Bank Of India(SBI)</b></li> <li>Current Account No: <b>30946797904</b></li> <li>IFC CODE: <b>SBIN0008701</b></li> </ul>	<ul style="list-style-type: none"> <li>Bank Name : <b>Karur Vysya Bank (KVB)</b></li> <li>Current Account No: <b>420211500000787</b></li> <li>IFC CODE: <b>KVBL0004202</b></li> <li>SWIFT CODE: <b>KVBLINBBIND</b></li> </ul>
---	---

Demand Draft will be drawn in favour of **HiTecpoint Technologies (P) Ltd, Chandigarh**

✂ \_\_\_\_\_ Please attach this slip with your payment \_\_\_\_\_

Account Number: <b>15-6367</b>	Cheque/DD	Bank and	Amount(Rs.)
Bill Number: <b>1456367-6-10</b>	No.	Branch	
Bill Date: <b>06-Oct-2015</b>	Date		
Amount Payable: <b>4425.00</b>			

**Hi-Tecpoint Technologies Pvt. Ltd**  
S.C.O. 96-97, Sector-34A, Behind Piccadilly Multiplex, Chandigarh, Ph: +91-172-5009957  
E-mail: [info@hitecpoint.in](mailto:info@hitecpoint.in), Website: [www.hitecpoint.in](http://www.hitecpoint.in)

\*Customer is entitled to get discount only when he pays 1 year subscription in advance. \*Customer has to pay re-activation charges of 150/- if he pays the bill 30 days after the last date.

Fig 18.

**Description:** - shows The complete bill of a customer and user can print it with a print button at the top of bill.

## Add Service Request

The screenshot shows the 'Add Service Request' form in the TRACKMASTER application. The form is titled 'Service Request' and contains the following fields:

- Belongs To:** Shyamal Dasandhi
- Machine Name:** Endurance MAKSAS
- Service Related To:** Service
- Service Description:** A dropdown menu is open, showing options: Device disconnected, Antenna Disconnected, Short Circuit (highlighted), Red LED not blinking, Green LED not blinking, and Yellow LED not blinking. Below the dropdown is a text input field containing 'Short Circuit'.
- Comments:** A text input field containing 'Short Circuit'.

A green 'Submit' button is located at the bottom right of the form.

Fig 19

**Description:** - user can register the service request or complaint through the interface shown in figure 19.

## View Request Status

The screenshot shows the 'View Request Status' table in the TRACKMASTER application. The table contains 15 rows of data, each representing a service request. The columns are: #, Complaint Id, Complaint Date, Machine Name, Comments, Assigned On, Assigned To, Status, and Close Date. The status for all requests is 'Closed'.

#	Complaint Id	Complaint Date	Machine Name	Comments	Assigned On	Assigned To	Status	Close Date
1	16393	30-10-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	30-10-15
2	16278	27-10-15	Endurance Machine - MAKSAS 120040600004	<a href="#">Comments</a>		NA	Closed	29-10-15
3	15950	10-10-15	Endurance Machine - MAKSAS 120040600004	<a href="#">Comments</a>		NA	Closed	10-10-15
4	15876	08-10-15	Endurance Machine - MAKSAS 120040600004	<a href="#">Comments</a>		NA	Closed	11-10-15
5	15598	24-09-15	Endurance Machine - MAKSAS 120040600004	<a href="#">Comments</a>		NA	Closed	24-09-15
6	15343	11-09-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	13-09-15
7	14937	01-09-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	02-09-15
8	14760	22-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	25-08-15
9	14737	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
10	14733	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
11	14732	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
12	14731	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
13	14730	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
14	14725	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
15	14724	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15

At the bottom of the table, there are navigation controls (back, first, next, last) and a page indicator '1 - 15 of 15 items'.

Fig 20

**Description:** - User can follow up the service request or complaint registered by him/her. And can also see the comments on that service request by clicking on "comments" link as shown in fig 20 and a comments popup window(as shown in fig 21) will open by clicking on that "comments" link

# Comments

**TRACKMASTER**  
 Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out  
 Welcome - CLAAS India Limited Mon Nov 2 2015 16:28pm

#	Complaint Id	ComplaintDate	Machine Name	Comments	Assigned On	Assigned To	Status	Close Date
1	16393	30-10-15	Endurance MA			NA	Closed	30-10-15
2	16278	27-10-15	Endurance Ma			NA	Closed	29-10-15
3	15950	10-10-15	Endurance Ma			NA	Closed	10-10-15
4	15876	08-10-15	Endurance Ma			NA	Closed	11-10-15
5	15598	24-09-15	Endurance Ma			NA	Closed	24-09-15
6	15343	11-09-15	Endurance MA			NA	Closed	13-09-15
7	14937	01-09-15	Endurance MA			NA	Closed	02-09-15
8	14760	22-08-15	Endurance MA			NA	Closed	25-08-15
9	14737	21-08-15	Endurance MA			NA	Closed	22-08-15
10	14733	21-08-15	Endurance MA			NA	Closed	22-08-15
11	14732	21-08-15	Endurance MA			NA	Closed	22-08-15
12	14731	21-08-15	Endurance MA			NA	Closed	22-08-15
13	14730	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
14	14725	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15
15	14724	21-08-15	Endurance MAKSAS	<a href="#">Comments</a>		NA	Closed	22-08-15

Comments		
Date	Comment By	Comment
10/30/2015 4:47:19 PM	CLAAS India Limited	Please update Machine no : 120040600004 Machine name : Endurance Machine-MAKSAS Machine type : C
10/30/2015 5:00:07 PM	Santa Singh	Complaint Resolved_Done

Fig 21.

## Send Device feedback

**TRACKMASTER** Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

**CLAAS** Welcome : CLAAS India Limited Mon Nov 2 2015 16:32pm

**Device Feedback**

How many hours do you spend tracking your vehicles on this website in a day?  
 2hr/day  4hr/day  Less than 1hr/day  Very rare

For how long have you been using our product?  
 Less than a month  1-12 months  1-3 yrs  More than 3 yrs

How satisfied are you with the product ?  
 Very satisfied  Satisfied  Neutral  Unsatisfied

What impressed you most about the product ?  
 Quality  Customer Services  Price  Usage Experience

What disappointed you most about our product ?  
 Quality  customer services  Price  Usage Experience

Would you recommend our product to other people?  
 Yes  No

What kind of problem do you often face related to our product?

How do you contact our service department for any query?  
 Direct call  Online on website  Through Marketing person  By Mail

Overall how satisfied are you with our customer service representative?  
 Very satisfied  Satisfied  Neutral  Unsatisfied

What is it about this site that you would most like to see improved?

Based on your experience, how would you rate the quality of this website?  
 Excellent  Good  Average  Poor

What changes or additional features would you suggest for this website?

Do you have comments or suggestions that would help us improve our customer service?

What impressed you most about the Service?  
 Quality  Response Time  Communication  Providing information

What disappointed you most about our Service?  
 Quality  Response Time  Communication  Providing information

Fig 22

**Description:** - user can also send feedback regarding the website, services, device and any other issues.

## Contact Us

**TRACKMASTER** Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

Welcome : CLAAS India Limited Tue Nov 3 2015 15:48pm

**CLAAS India Private Limited**  
 NH-95 ,Village Maruli Kalan Morinda Bye Pass- 140101  
 Punjab,India  
 Phone : +91 180 8614400  
 Fax : +91 180 8614555

**CLAAS India Private Limited**

Map data ©2015 Google Imagery ©2015 TerraMetrics Terms of Use Report a map error

Fig 23

**Description:** - Contact details of CLAAS India limited.

## My Profile

**TRACKMASTER** Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

Welcome : CLAAS India Limited Mon Nov 2 2015 16:36pm

**My Profile**

User Name :	claas	Display Name :	CLAAS India Limited
Bill Name :	CLAAS	Phone :	919780070809
Mobile :	919780070809	Mobile 1 :	
Mobile 2 :		Email :	sandeep.dhiman@claas.com
Address :	Morinda.	City :	Morinda
State :	Punjab	Country :	India
Postal Code :	0		

Fig 24

**Description:** - Shows the profile of user.

## Driver info

TRACKMASTER Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

 Welcome : CLAAS India Limited Mon Nov 2 2015 16:36pm

**Driver Info**

Machine Name	Box Id	Driver Name	Driver Mobile No	Machine Order	Mobile No for Alerts	Installation Date	
Endurance MAKSAS	N860	Shyam Lal	90	0	919780070809	03/08/2015	Edit
Endurance Machine - MAKSAS 120040600004	N149		91	0	919780070809	17/09/2015	Edit
Test Machine 3	N601		91	0	919780070809	17/09/2015	Edit

Fig 25

**Description** :-shows information of a machine's driver with mobile no and Name and user can edit the information by clicking on the edit button as in fig 26.

## Edit driver Info

TRACKMASTER Dashboard Live Status Map Analysis Training Customer Care Profile & Settings My Bill Log Out

 Welcome : CLAAS India Limited Mon Nov 2 2015 16:37pm

**Driver Info**

Machine Name	Box Id	Driver Name	Driver Mobile No	Machine Order	Mobile No for Alerts	Installation Date	
Endurance MAKSAS	N860	<input type="text" value="Shyam Lal"/>	<input type="text" value="90"/>	0	919780070809	03/08/2015	Save Cancel
Endurance Machine - MAKSAS 120040600004	N149		91	0	919780070809	17/09/2015	Edit
Test Machine 3	N601		91	0	919780070809	17/09/2015	Edit

Fig 25.1

# Trackmaster Details

TRACKMASTER

[Dashboard](#)
[Live Status](#)
[Map](#)
[Analysis](#)
[Training](#)
[Customer Care](#)
[Profile & Settings](#)
[My Bill](#)
[Log Out](#)

Welcome : CLAAS India Limited    Mon Nov 2 2015 16:38pm

**Trackmaster Details**

Machine Name :	Endurance Machine - MAKS. ▾
S.no	22149
Alias No	M-1476
Sim No	8146858189
Device Id	N149
Machine Name	Endurance Machine - MAKSAS 120040600004
Registration No.	EnduranceMachine
Location	7.28 Km N E of Raja Takli (Maharashtra)
Last Date	11/1/2015 5:03:55 AM
Mobile No for Alerts	919780070809
Installation Date	9/17/2015 12:00:00 AM
Box Type	
Activation Status	Active
Driver Name	
Speed	0
Overstop Minutes	20
Over-speed	0
Current Ignition Status	OFF
Location SMS	Enabled
On-Demand Location SMS	Disabled
Mains Disconnection SMS	
Geo-fencing	Disabled
Two Way Voice Communication	Disabled
Immobilization	Disabled
GPS Antenna Connection Status	Connected
Box Battery Level	1
GSM Signal	7
Vehicle Battery Voltage	0
Latitude	19.3698
Longitude	76.0963

**Fig 26**

**Description:-** show complete information of a machine.

## Set Machine Type

#	Machine Name	CutterBar Width(Meter)	Image
1	CT30 TT	2.1	
2	CT30 W	2.6	
3	CT40 TT	2.1	
4	CT40 W	3.2	

Fig 27

**Description:-** user can set the machine type by selecting the machine and type from the dropdowns as shown in fig 27.

## Create Sub User

User Name :	<input type="text"/>	Email	<input type="text"/>
Mobile	<input type="text"/>	Phone	<input type="text"/>
Address	<input type="text"/>	IsActive	<input checked="" type="checkbox"/>

Fig 28.

**Description: -**user can also create sub user through the interface shown in fig 28.

## Manage Sub Users

UserName	Email	Mobile No	Assign Machines	Delete SubUser
mohanhitec	sinwal92@gmail.com	8427910250	Select Machine	Delete User
micky	shagunthakur716@gmail.com	4565464566	Select Machine	Delete User
CIL_T&V	sandeep.dhiman@claas.com	9780070809	Select Machine	Delete User
CIL_R&D	sandeep.dhiman@claas.com	9780070809	Select Machine	Delete User

Fig 29

**Description:** -user can edit information of sub user by clicking on username and can delete the user by clicking on delete button and can assign machines to sub user by clicking on select machine button as in fig 29.

## Assign Machine to sub user

Case Status	Vehicle No
<input type="checkbox"/>	Endurance Machine - MAKSAS 120040600004
<input type="checkbox"/>	Test Machine 3
<input type="checkbox"/>	Endurance MAKSAS

Fig 30.

**Description :-** User can assign machines to its sub user by selecting the machines as in fig 30

## Change Password

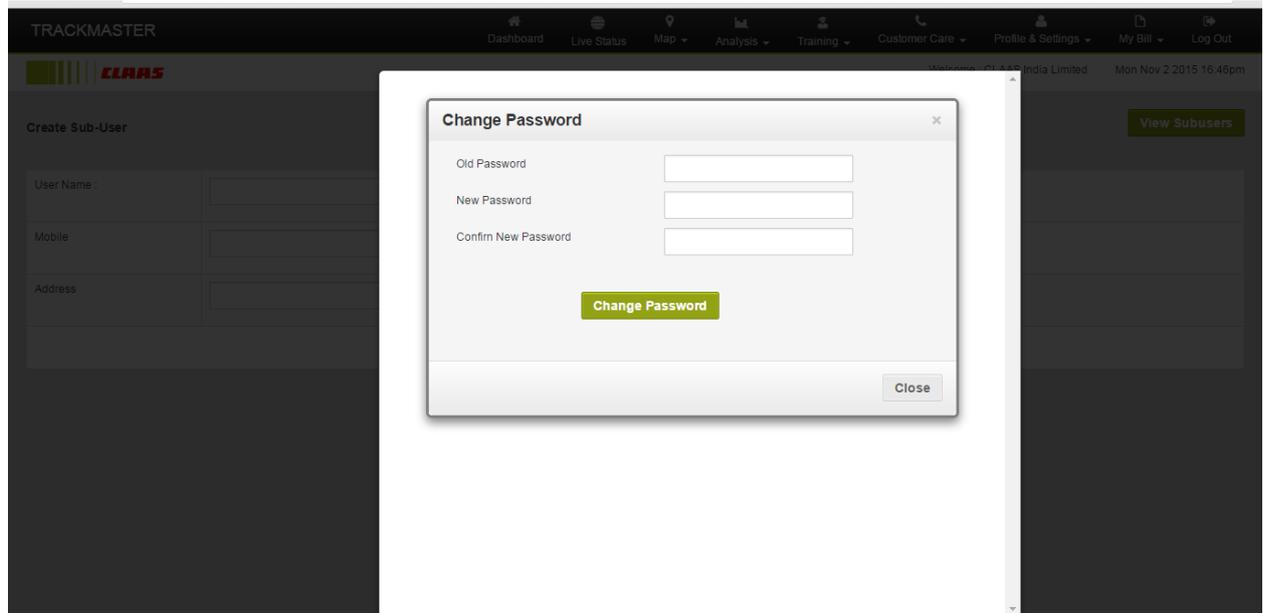


Fig 31

**Description:** -User can change password through change password wizard by entering old password.