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## DATA TRANSMISSION GUIDE

Certified



Corporation

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# INTRODUCTION

Thank you for purchasing an OUTSET product  
and become part of our family.

**WELCOME!**

The T1 CLOUD web platform allows bi-directional communication in real time between the Weighing System and the ERP Server, allowing you to send and to receive, at any time, Jobs and updates of loading data (material, customer, vehicle, operator) directly to the T1 MMT App in use at the operator.

Vice versa, the operator who uses the T1 MMT App via the Data SIM, Wi-Fi or the Satellite Device is able to send the load data and the job status directly on the T1 CLOUD web platform accessible via username and password from any PC or mobile device.

The interface was designed by listening to the needs of operators in the sector with simple and intuitive menus that are easy to use, highlighting the most interesting data as geolocate the vehicle, send and receive job orders with load details, synchronize the weighing system materials list directly from the office, produce load reports and statistics.

The system allows you to perform REMOTE DIAGNOSTIC on the operation of the weighing system directly from the office, such as setting up a MAINTENANCE schedule that is always connected to the machine with execution notifications.

Reports are available in various formats divided by field (jobs, material, customer, vehicle).

T1 MMT App allows complete management of the load and productivity of the machine with internal databases divided by Company, User, Material and Vehicle. The STATISTICS function allows a quick and rapid control of the productivity of the machine with graphs and data of the loads carried out by day, week, month or year.

T1 MMT App can be connected to a bluetooth thermal printer (optional) to print all the data of the load carried out directly on the machine.

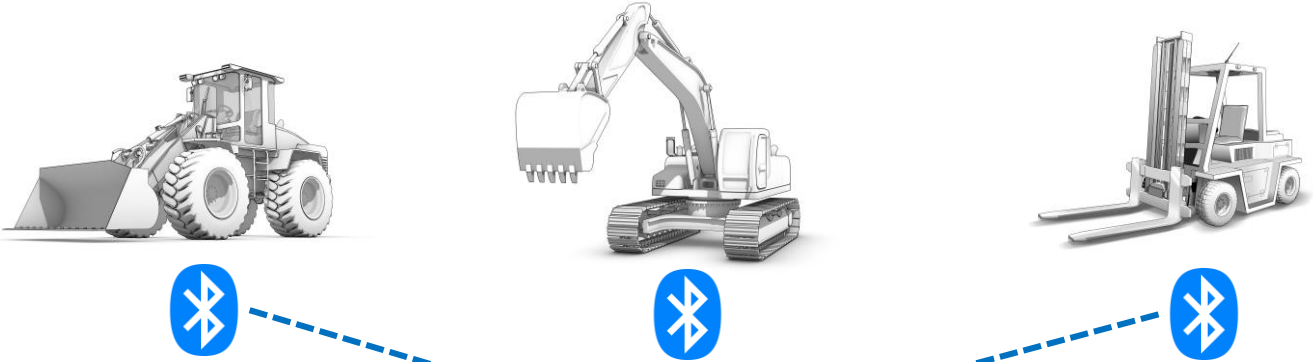
*The installation of devices that may enable remote monitoring of workers must comply with the provisions of Article 4 of Law No. 300/1970 and the regulations regarding the protection of personal data. With regard to this latter aspect, the Data Controller must provide its employees with appropriate information, identify the individuals authorized to process personal data, and adopt the additional requirements set forth in applicable regulations.*



Company with certified management system comply with  
UNI EN ISO 9001-UNI ISO 45001-UNI EN ISO 14001

# T1 CLOUD CONNECTION DIAGRAM

## VEHICLES



## T1 MMT APP



MICRO SIM



WI-FI



SATELLITE DEVICE



DATASERVER

T1 CLOUD



CUSTOMER ERP

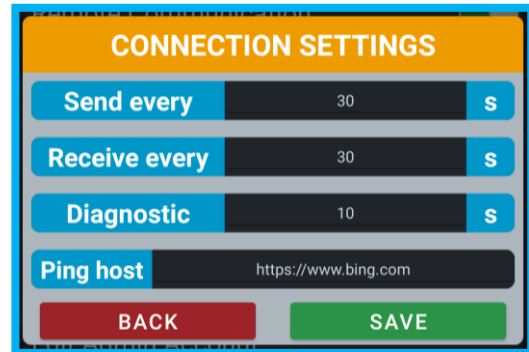
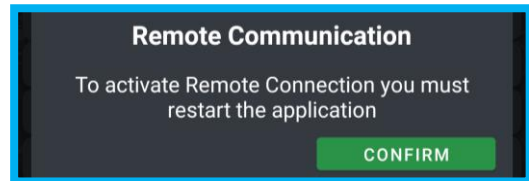
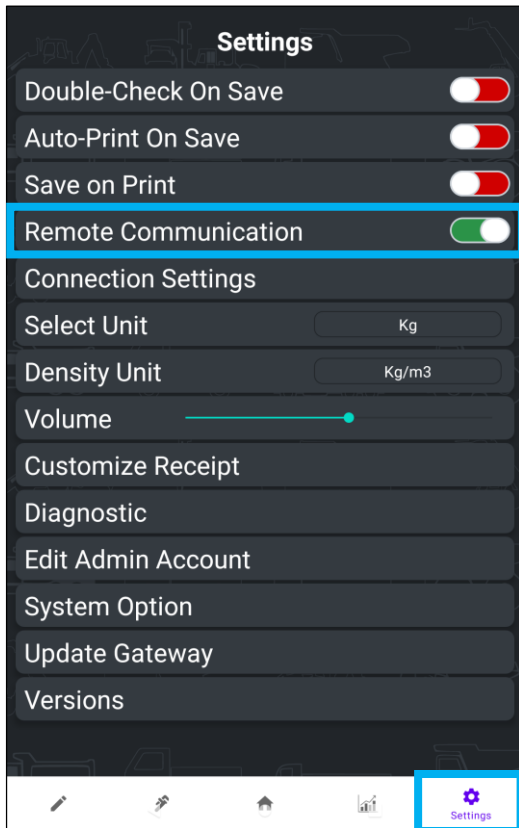


REST API





# T1 MMT APP: ACTIVATING THE REMOTE COMMUNICATION MODE



## CONNECTION SETTINGS

Allows you to set the time intervals for sending and receiving data transmission and for diagnostics.

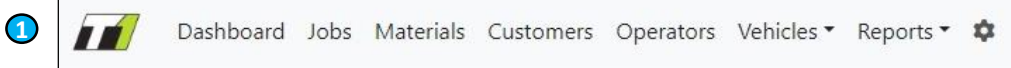
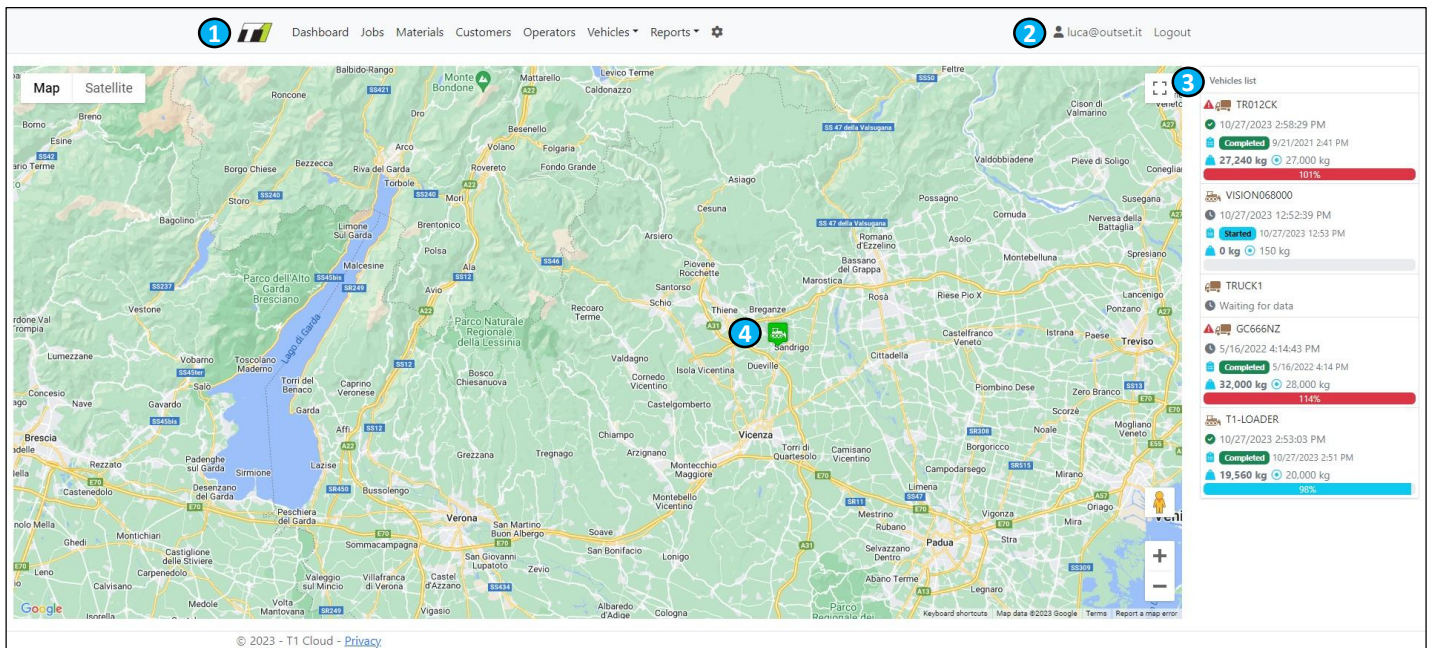
Access the **SETUP MENU** at the bottom right and activate **REMOTE COMMUNICATION** by dragging the cursor to the right which will turn green. A notification message will appear on the display informing you to close and reopen the App to set the new transmission functions.



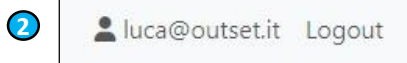
Once the App is restarted, the orange **MISSION LIST** icon will appear at the top left.

From this menu it will be possible to RECEIVE job missions sent from the T1 CLOUD portal and SEND job missions directly to the office on the T1 CLOUD portal.

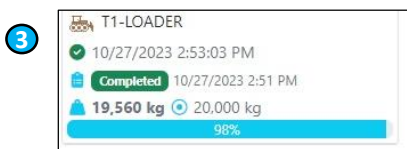
# T1 CLOUD WEB PORTAL



**DASHBOARD** of the T1 CLOUD platform divided into **JOBS** (jobs missions in bi-directional mode, *App (Vehicle) to Cloud (Office), Cloud (Office) to App (Vehicle)*), **MATERIALS** (synchronized management of the materials to be used), **CUSTOMERS** (synchronized management of customers/companies), **OPERATORS** (synchronized management of operators), **VEHICLES** (management of own vehicles equipped with a weighing system with *REMOTE DIAGNOSTICS*, also synchronized management of customer/company vehicles to be loaded, management of *MAINTENANCE* via automatic schedule, management of *ON-OFF inputs*, management of different *EQUIPMENTS*) and finally **REPORTS** (divided by **JOBS**, **VEHICLES**, **MATERIALS**, **CUSTOMERS** with extractable files in .csv and excel).



**ACCOUNT** management. It is possible to LOGOUT from the account. By clicking on the **USER** you enter the management menu where you can change email, change password, 2FA two factor authentication, delete the account. Press T1.Server to return to the DASHBOARD home page.

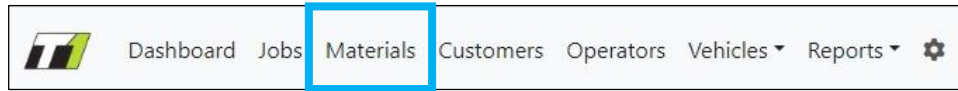


**VEHICLE** management. The last recorded **CONNECTION** of the vehicle is indicated with date, time and status indication (*grey icon system disconnected, green icon system connected*). The **STATUS** (*new, sent, assigned, completed, interrupted*) of the last **ACTIVE JOB** is indicated with date and time. The **NET WEIGHT** combined with the job mission is associated with **TARGET WEIGHT** and **LOAD % BAR**.



**GEOLOCATION** of the vehicle. Tracking of vehicles equipped with a weighing system with indication of connection status (on, off, vehicle stationary) and last **NET WEIGHT** recorded with date and time.

# T1 CLOUD: CREATE NEW MATERIAL



Materials list

[New material](#)

Name	Density	Weight kg
RED STONE	1,850.00	0
GRAVEL	1,600.00	0
GRAVEL	2,000.00	0
Terra CLOUD	1,200.00	0
WET SAND	1,400.00	0

<< < 1 2 3 > >> 5 Items per page 1 of 3 pages (13 items)

Click on the **MATERIALS** menu to enter the database of materials created and synchronized with the weighing system. The **DENSITY** set to calculate the net weight in kg/m<sup>3</sup> is indicated. By clicking on the **PENCIL icon** on the right you can modify the information and data associated with the material.



Click on the **NEW MATERIAL** menu to create a new material on the cloud portal to synchronize with the T1 MMT App on the machine.

New material

Material data

Name:

Code:

Density kg/m<sup>3</sup>:

Note:

When creating a **NEW MATERIAL** it is possible to set the **NAME**, a **CODE**, the **DENSITY** in kg/m<sup>3</sup> and add **NOTES**. Click on **SAVE** to confirm and save the data or **CANCEL** to go back.

# T1 CLOUD: CREATE NEW MATERIAL

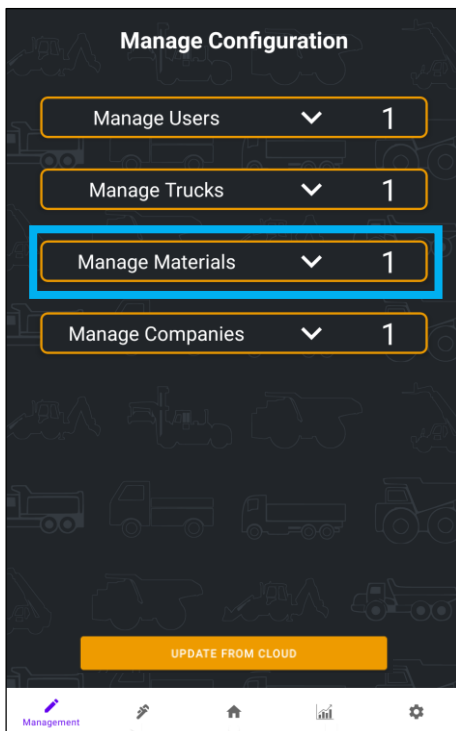
When the **NEW MATERIAL** has been created on the T1 CLOUD portal it can be synchronized on the T1 MMT App on board the vehicle in question.

**NEW MATERIAL** can be synced to the T1 MMT App in two ways:

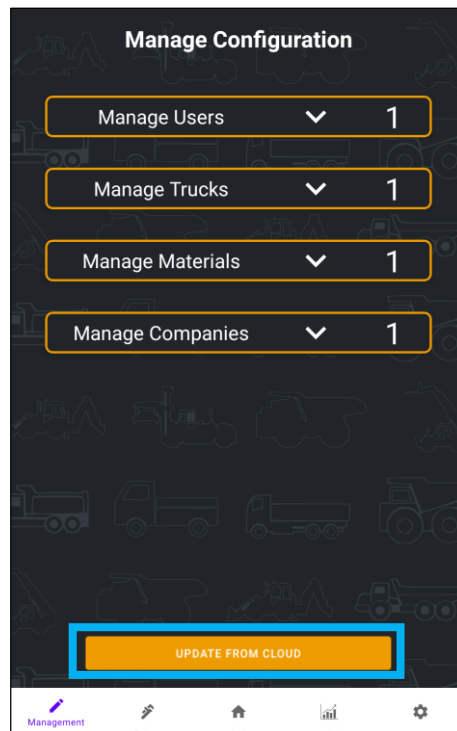
- 1) By creating a **NEW JOB MISSION** on the **T1 CLOUD portal** and matching the new material created.
- 2) Via the "**UPDATE FROM CLOUD**" button in the **CONFIGURATION MENU** of the **T1 MMT App** on board the vehicle.

Creating a NEW JOB MISSION will be explained in the appropriate section on page 15.

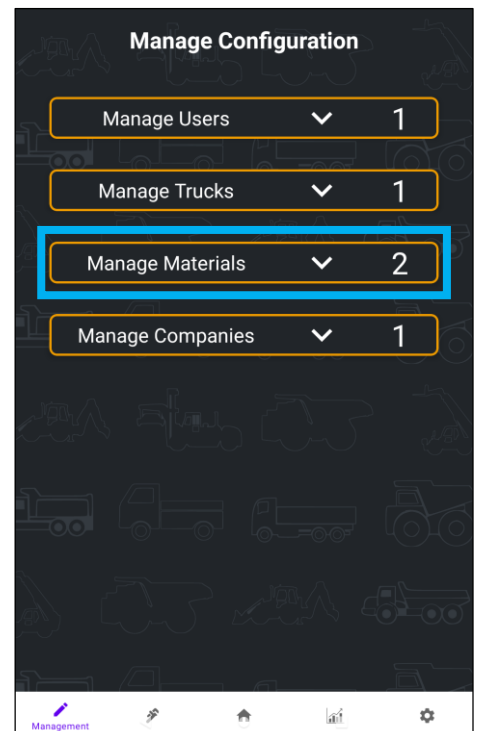
## SYNCHRONIZE THE ITEMS CREATED IN THE CLOUD PORTAL INTO THE T1 MMT APP



*T1 MMT App current status of materials in the database*

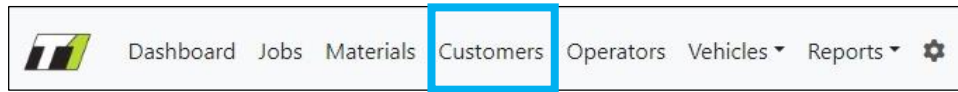


*Database synchronization with the T1 CLOUD server.  
Press UPDATE FROM CLOUD*



*Synchronization of materials in the T1 MMT App created in the cloud portal*

# T1 CLOUD: CREATE NEW CUSTOMER



Customers list

[New customer](#)

Name	City	Province	Country	Date creation	Date modified	
abdbnlvr	cnm.vnf.mvn	vi	it	10/9/2023 3:18:50 PM		
Cliente demo	Sandriago	VI		12/10/2020 4:23:53 PM	11/15/2022 3:46:03 PM	
Specialized GmbH	Milano	MI	IT	10/13/2023 7:11:21 A...		
Supreme Inc.	Sandriago	VI		4/23/2021 12:10:25 PM		
WHITE TRANSPORT				10/27/2023 10:20:44 ...		

« < 1 > » 12 Items per page 1 of 1 pages (9 items)

Click on the **CUSTOMERS** menu to enter the database of customers created and synchronized with the weighing system. By clicking on the **PENCIL icon** on the right you can modify the information and data associated with the customers.



Click on the **NEW CUSTOMER** menu to create a new customer on the cloud portal to synchronize with the T1 MMT App on the machine.

New customer

Customer data

Name:

Sede

Address:

City:

Country:

Cod. Fiscale:

Partita IVA:

Note:

Destinations [+ Add](#)

No destination.

[Cancel](#) [Save](#)

When creating a **NEW CUSTOMER** it is possible to set different informations and **DESTINATIONS**. Click on **SAVE** to confirm and save the data or **CANCEL** to go back.

# T1 CLOUD: CREATE NEW CUSTOMER

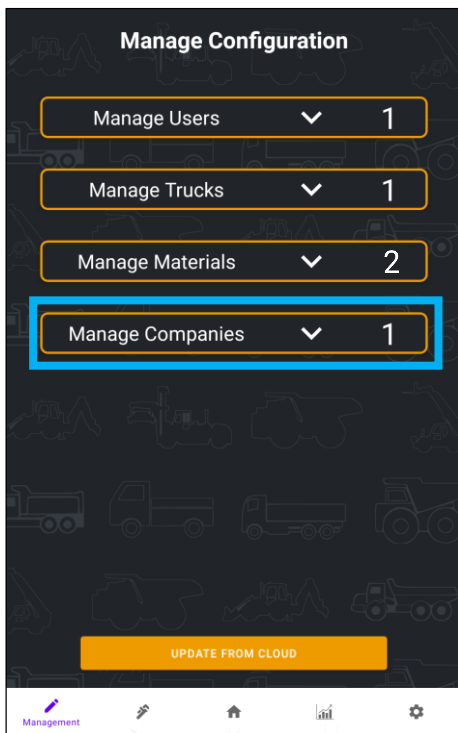
When the **NEW CUSTOMER** has been created on the T1 CLOUD portal it can be synchronized on the T1 MMT App on board the vehicle in question.

**NEW CUSTOMER** can be synced to the T1 MMT App in two ways:

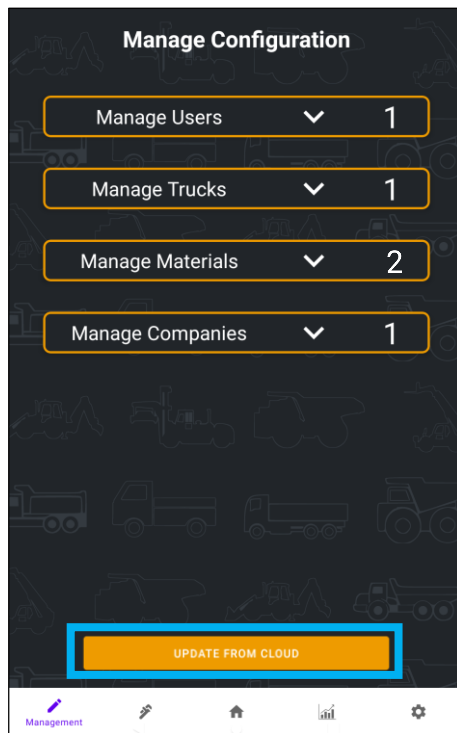
- 1) By creating a **NEW JOB MISSION** on the **T1 CLOUD portal** and matching the new customer created.
- 2) Via the "**UPDATE FROM CLOUD**" button in the **CONFIGURATION MENU** of the **T1 MMT App** on board the vehicle.

Creating a NEW JOB MISSION will be explained in the appropriate section on page 15.

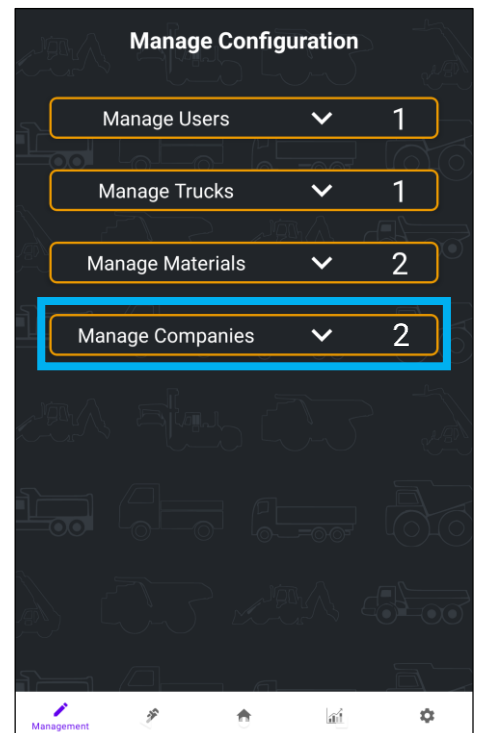
## SYNCHRONIZE THE ITEMS CREATED IN THE CLOUD PORTAL INTO THE T1 MMT APP



*T1 MMT App current status of customers in the database*

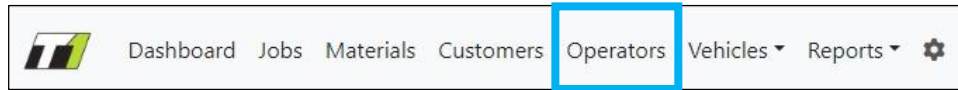


*Database synchronization with the T1 CLOUD server. Press UPDATE FROM CLOUD*



*Synchronization of customers in the T1 MMT App created in the cloud portal*

# T1 CLOUD: CREATE NEW OPERATOR



Operators list

[New operator](#)

Search

Last name	First name	Registrat...	Date creation	Date modified
		0	10/27/2023 10:53:28 ...	
Brown	Charles	3	10/27/2023 10:22:04 ...	
Pasulo	Emanuele	666	10/9/2023 12:51:41 PM	
Toneatti	Luca	666	10/10/2023 7:54:33 A...	
White	Marc	1	10/27/2023 10:20:44 ...	
White	Marc	123	10/27/2023 11:59:16 ...	

« < 1 > » 12 Items per page 1 of 1 pages (6 items)

Click on the **OPERATORS** menu to enter the database of operators created and synchronized with the weighing system. By clicking on the **PENCIL icon** on the right you can modify the information and data associated with the operators.



Click on the **NEW OPERATOR** menu to create a new customer on the cloud portal to synchronize with the T1 MMT App on the machine.

New operator

Operator data

Last name:

Name:

Registration number:

Note:

When creating a **NEW OPERATOR** it is possible to set the **LAST NAME**, a **NAME**, a **REGISTRATION NUMBER** and **NOTES**. Click on **SAVE** to confirm and save the data or **CANCEL** to go back.

# T1 CLOUD: CREATE NEW OPERATOR

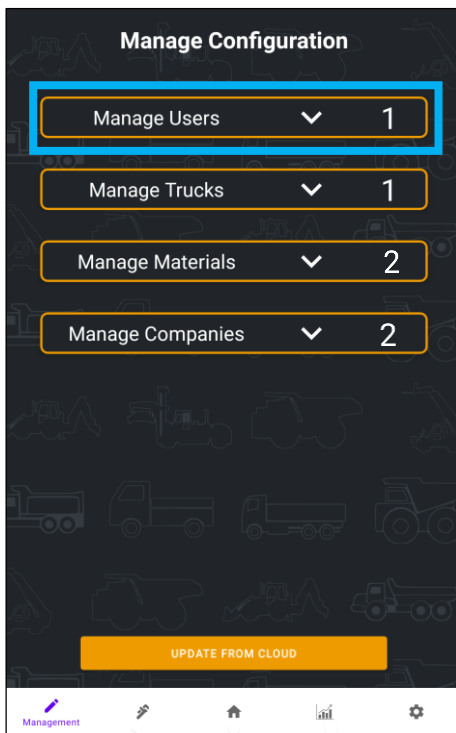
When the **NEW OPERATOR** has been created on the T1 CLOUD portal it can be synchronized on the T1 MMT App on board the vehicle in question.

**NEW OPERATOR** can be synced to the T1 MMT App in two ways:

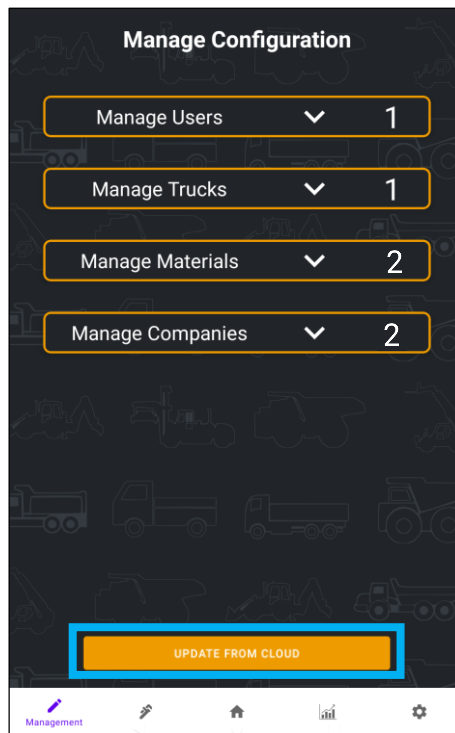
- 1) By creating a **NEW JOB MISSION** on the **T1 CLOUD portal** and matching the new operator created.
- 2) Via the "**UPDATE FROM CLOUD**" button in the **CONFIGURATION MENU** of the **T1 MMT App** on board the vehicle.

Creating a NEW JOB MISSION will be explained in the appropriate section on page 15.

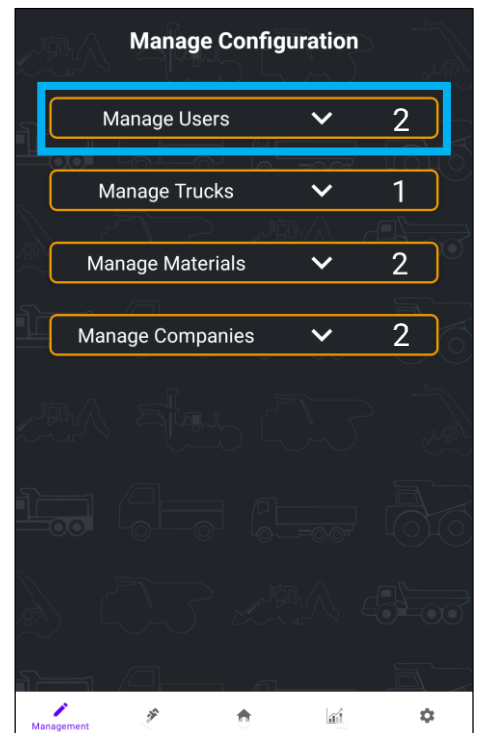
## SYNCHRONIZE THE ITEMS CREATED IN THE CLOUD PORTAL INTO THE T1 MMT APP



*T1 MMT App current status of operators in the database*



*Database synchronization with the T1 CLOUD server.  
Press UPDATE FROM CLOUD*



*Synchronization of operators in the T1 MMT App created in the cloud portal*

# T1 CLOUD: CREATE NEW VEHICLE



Vehicles list

[New vehicle](#)

Plate number	Device	Type	Customer	Date creation	Date modified		
TR012CK		Truck		12/9/2020 6:39:01 PM	5/4/2021 3:24:31 PM		
LANX068000			Cliente demo	3/24/2021 8:31:11 PM	6/8/2021 4:57:56 PM		
VISION068000		Loader	Cliente demo	3/26/2021 3:06:50 PM	11/23/2021 11:54:06 AM		
GCG66NZ	0016A4A1E4B4	Truck	Cliente demo	3/31/2021 2:12:38 PM	3/31/2021 3:54:08 PM		
TRUCK1	0016A4A081CE	Truck		7/21/2021 6:49:25 PM	11/14/2022 6:18:35 PM		
T1-LOADER	00EQ045EF21B	Loader		10/9/2023 10:43:12 AM			
AB123CD				10/27/2023 10:20:44 AM			
CD456FG				10/27/2023 10:22:04 AM			
				10/27/2023 10:53:28 AM			

« < 1 > » 12 Items per page 1 of 1 pages (9 items)

Click on the **VEHICLES** menu to enter the database of vehicles created and synchronized with the weighing system. This list contains your VEHICLES equipped with an ON BOARD WEIGHING SYSTEM with a unique identification MAC ADDRESS CODE. Furthermore, you can create a list of customer VEHICLES to which the weighed material is loaded and keep track of the material and totals moved. By clicking on the **PENCIL icon** on the right you can modify the information and data associated with the vehicles.



Click on the **NEW VEHICLE** menu to create a new vehicle on the cloud portal to synchronize with the T1 MMT App on the machine.

New vehicle

Vehicle data

Plate number:

Frame number:

Customer:

Device:

Vehicle set-up:

Target weight:

Note:

Maintenances [+ Add](#)

No maintenance.

When creating a **NEW VEHICLE** it is possible to set the **PLATE ID**, a **FRAME ID**, link a **CUSTOMER**, link an **ON/OFF** input, set a **TARGET WEIGHT** and **NOTES**. Click on **SAVE** to confirm and save the data or **CANCEL** to go back.

# T1 CLOUD: CREATE NEW VEHICLE

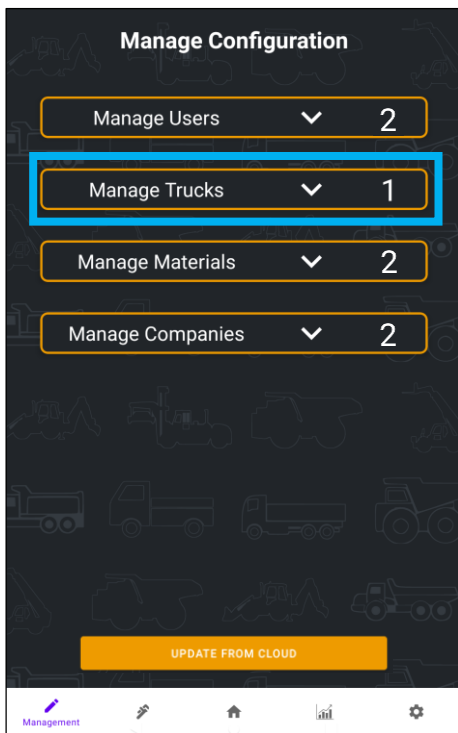
When the **NEW VEHICLE** has been created on the T1 CLOUD portal it can be synchronized on the T1 MMT App on board the vehicle in question.

**NEW VEHICLE** can be synced to the T1 MMT App in two ways:

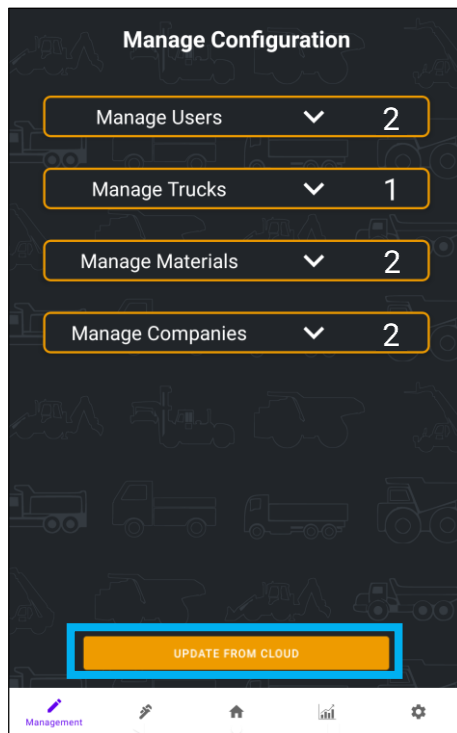
- 1) By creating a **NEW JOB MISSION** on the **T1 CLOUD portal** and matching the new vehicle created.
- 2) Via the "**UPDATE FROM CLOUD**" button in the **CONFIGURATION MENU** of the **T1 MMT App** on board the vehicle.

Creating a NEW JOB MISSION will be explained in the appropriate section on page 15.

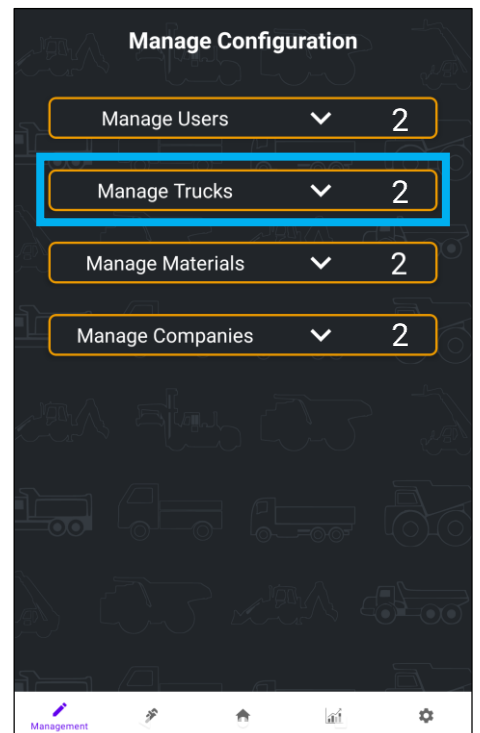
## SYNCHRONIZE THE ITEMS CREATED IN THE CLOUD PORTAL INTO THE T1 MMT APP



*T1 MMT App current status of vehicles in the database*

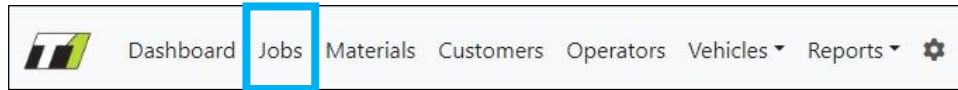


*Database synchronization with the T1 CLOUD server.  
Press UPDATE FROM CLOUD*



*Synchronization of vehicles in the T1 MMT App created in the cloud portal*

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



Jobs list

[New job](#)

Date time	↓ Plate number	Title	Customer	Status	Destination	Target weight	Confirmed weight	
10/27/2023 12:50:55 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Completed	10/27/2023 2:51 PM	20.000	19,560	
10/27/2023 12:12:44 ...	T1-LOADER	TEST 4.0	Specialized GmbH	Completed	10/27/2023 2:13 PM	20.000	10,400	
10/27/2023 12:08:13 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started	10/27/2023 2:08 PM	20.000	0	
10/27/2023 12:05:12 ...	T1-LOADER	TEST 4.0	Specialized GmbH	Completed	10/27/2023 2:07 PM	20.000	20,800	
10/27/2023 12:02:58 ...	T1-LOADER	TEST 4.0		Completed	10/27/2023 2:03 PM	20.000	10,420	
10/27/2023 11:59:16 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started	10/27/2023 1:59 PM	20.000	0	
10/27/2023 11:38:07 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started	10/27/2023 1:38 PM	20.000	0	
10/27/2023 11:30:36 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started	10/27/2023 1:30 PM	20.000	0	
10/27/2023 10:53:28 ...	VISION068000	g		Started	10/27/2023 12:53 PM	150	0	
10/27/2023 10:40:28 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started	10/27/2023 12:40 PM	20.000	0	
10/27/2023 10:22:04 ...	T1-LOADER	asdfgh	WHITE TRANSPORT	Aborted	10/27/2023 12:21 PM	10.000	0	
10/27/2023 10:20:44 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started	10/27/2023 12:20 PM	20.000	0	

Click on the **JOBS** menu to enter the database of the JOB MISSION LIST created and completed with the weighing system.

Within the **JOBS** menu, you can view the history of the JOB MISSION configured with the current **STATUS** and further information such as date, time, vehicle's plate number, job title, customer, target weight and the weight loaded and confirmed sent by the App.

Through the **eye icon** you can view all the details of the JOB. If the JOB is completed it will not be possible to modify it. The **pencil icon**, on the other hand, is present in **NEW JOBS**, allowing the modification of details and sending to the operator.

## STATUS OF THE JOB MISSION

**New**

**Sent**

**Started**

**Completed**

**Completed**

**Aborted**

*New Job created*

*New Job sent to the App*

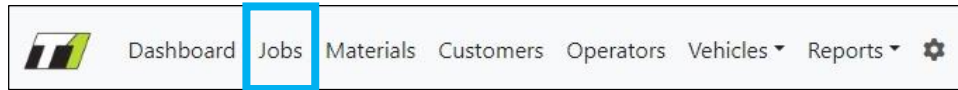
*New Job started from the driver*

*New Job completed from the driver*

*New Job completed with alarms*

*New Job deleted*

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



Jobs list

New job

Click on the **NEW JOB** menu to create a new JOB MISSION on the cloud portal to send to the T1 MMT App on the machine.

New job

Job data

1 Title:

2 Number:

3 Document:   4

5 Customer:

6 Vehicle:

7 Equipment:

8 Operator:

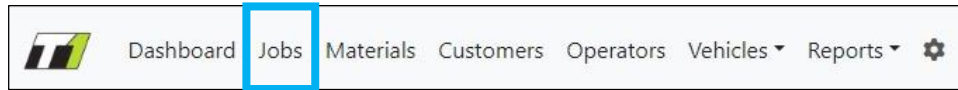
9 Status:

10 Instructions

Note 11

- 1 Title of the Job Mission
- 2 Number of the Job Mission
- 3 Number of the Job Mission Document
- 4 Type of the Job Mission Document (*order, delivery note, offer, others*)
- 5 Customer of the Job Mission
- 6 Vehicle to send the Job Mission to (vehicle with OBWS installed)
- 7 Equipment matched to the vehicle
- 8 Operator of the Job Mission
- 9 Current status of the Job Mission
- 10 Instructions to be sent to the operator on the vehicle
- 11 Notes to attach to the Job Mission

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



Form fields for creating a job mission:

- Title: CLOUD JOBS
- Number: 1
- Document: 123, DdT
- Customer: MINING CORP. (5)
- Vehicle: T1-LOADER (6)
- Equipment: Select an equipment (Remove)
- Operator: Steve Jackson (Remove)
- Status: New

Loader section:

- Target weight: 1 kg (12)
- Confirmed weight: 0 kg (13)
- Vehicle: Select a vehicle (14)

Materials list section:

- + Add (15)

Instructions section:

- Load Fast

Note section:

- Facoltativo

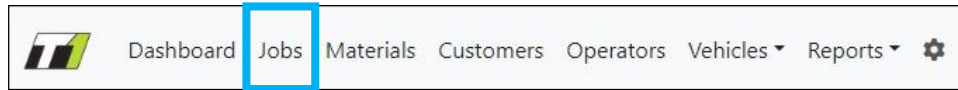
Buttons: Cancel, Save

When creating a **NEW JOB MISSION**, once (5) **the CUSTOMER** and (6) **the VEHICLE to which to send the job mission** have been selected, *the page will unlock the section* dedicated as following:

- (12) Target Weight (*it must be the same target also indicated in the individual material selected*)
- (13) Confirmed Weight (*weight received by the weighing system and combined with this job mission*)
- (14) Vehicle (*customer vehicle to which to load the selected material*)
- (15) Material (*material to match the job mission*)

**Currently it is possible to combine ONLY ONE material with the JOB MISSION.**

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



<p>Loader</p> <p>Target weight: 1 kg</p> <p>Confirmed weight: 0 kg</p> <p>Vehicle: Select a vehicle</p> <p>Instructions</p> <p>Facoltativo</p>	<p>Materials list <b>15</b></p> <table border="1"> <thead> <tr> <th>Nome</th> <th>Densità kg/m<sup>3</sup></th> <th>Peso target kg</th> <th>Peso confermato kg</th> </tr> </thead> <tbody> <tr> <td>Seleziona un materi...</td> <td>0,00</td> <td>0,00</td> <td>0,00</td> </tr> <tr> <td>Ghiaia CLOUD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>RED STONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>WET SAND</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GRAVEL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GRAVEL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GRAVEL</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>+ Add</p>	Nome	Densità kg/m <sup>3</sup>	Peso target kg	Peso confermato kg	Seleziona un materi...	0,00	0,00	0,00	Ghiaia CLOUD				RED STONE				Gravel				WET SAND				GRAVEL				GRAVEL				GRAVEL			
Nome	Densità kg/m <sup>3</sup>	Peso target kg	Peso confermato kg																																		
Seleziona un materi...	0,00	0,00	0,00																																		
Ghiaia CLOUD																																					
RED STONE																																					
Gravel																																					
WET SAND																																					
GRAVEL																																					
GRAVEL																																					
GRAVEL																																					

Cancel Save

In the unlocked section of the **15 MATERIAL LIST**, press the button **+ Add** to add the MATERIAL to combine with this job mission and send it to the operator on the vehicle.

**Currently it is possible to combine ONLY ONE material with the JOB MISSION.**

<p>Loader</p> <p><b>12</b> Target weight: 20.000 kg</p> <p>Confirmed weight: 0 kg</p> <p><b>14</b> Vehicle: Select a vehicle</p> <p>Instructions</p> <p>Load Fast</p>	<p>Materials list</p> <table border="1"> <thead> <tr> <th>Nome</th> <th>Densità kg/m<sup>3</sup></th> <th>Peso target kg</th> <th>Peso confermato kg</th> </tr> </thead> <tbody> <tr> <td>RED STONE</td> <td>1,850.00</td> <td>20.000.00</td> <td>0,00</td> </tr> </tbody> </table> <p>+ Add</p>	Nome	Densità kg/m <sup>3</sup>	Peso target kg	Peso confermato kg	RED STONE	1,850.00	20.000.00	0,00
Nome	Densità kg/m <sup>3</sup>	Peso target kg	Peso confermato kg						
RED STONE	1,850.00	20.000.00	0,00						

Note

Facoltativo

Cancel **Save**

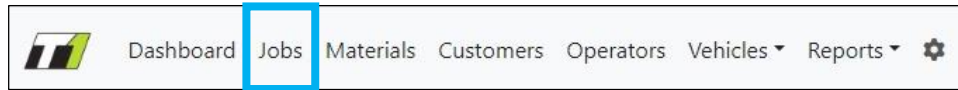
Select the available **MATERIAL** (previously created via the **MATERIALS** menu) from the list. Set the **TARGET WEIGHT** in **KG**, if not entered by default, and set **THE SAME TARGET WEIGHT** in **KG** also in the section on the left **12 LOADER: TARGET WEIGHT**.

Select the **14 customer's VEHICLE** where to load the handled material.

If necessary, enter the **INSTRUCTIONS** for the operator and the **NOTES** relating to this job mission.

Click on **Save** button to create the **NEW** job mission or click **Cancel** button to exit.

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



Jobs list

New job

Date time	↓ Plate number	Title	Customer	Status	Destination	Target weight	Confirmed weight
10/27/2023 2:05:58 PM	T1-LOADER	CLOUD JOBS	MINING CORP.	New 10/27/2023 4:05 PM		20,000	0
10/27/2023 1:59:15 PM	T1-LOADER	CLOUD JOBS	Specialized GmbH	Completed 10/27/2023 4:00 PM		20,000	1,520
10/27/2023 1:52:37 PM	T1-LOADER	CLOUD JOBS	Specialized GmbH	Completed 10/27/2023 3:55 PM		1	21,360
10/27/2023 1:49:58 PM	T1-LOADER	CLOUD JOBS	Specialized GmbH	Aborted 10/27/2023 3:49 PM		1	0

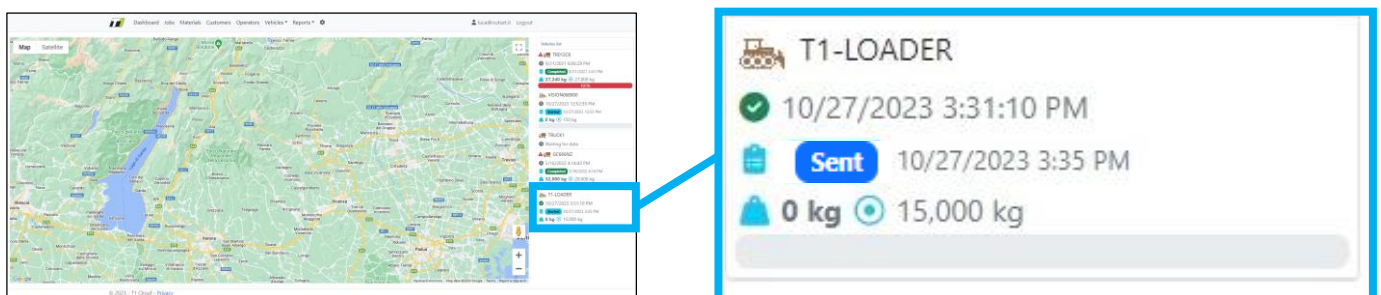
Once the **NEW** job mission has been created, synchronization with the T1 server occurs **within 10 minutes maximum**.

The STATUS from **NEW** job mission (where it is still possible to modify the details before sending it to the operator on the vehicle), will change to **SENT** as soon as the job mission is sent from the T1 CLOUD portal to the on-board weighing system installed on the vehicle (T1 MMT App).

When the job mission is taken over by the operator on the vehicle, the STATUS will change to **STARTED**.

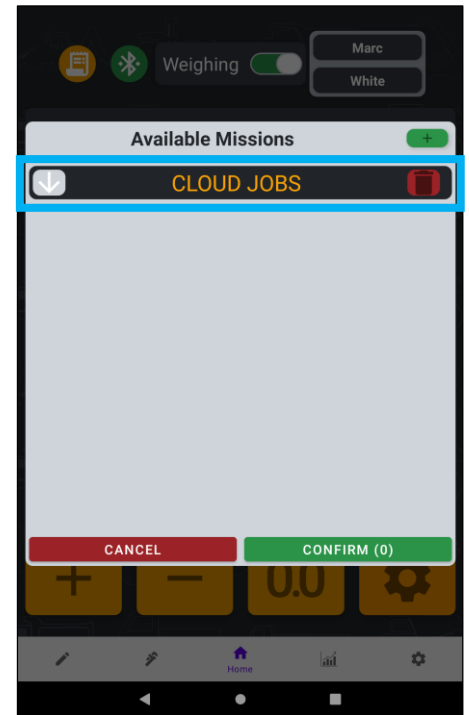
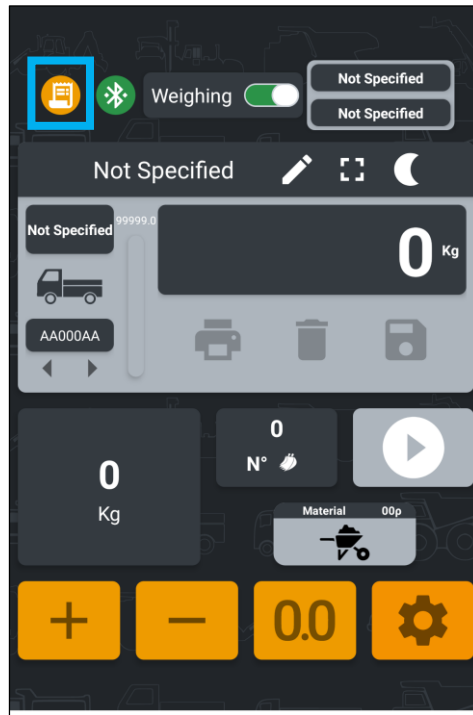
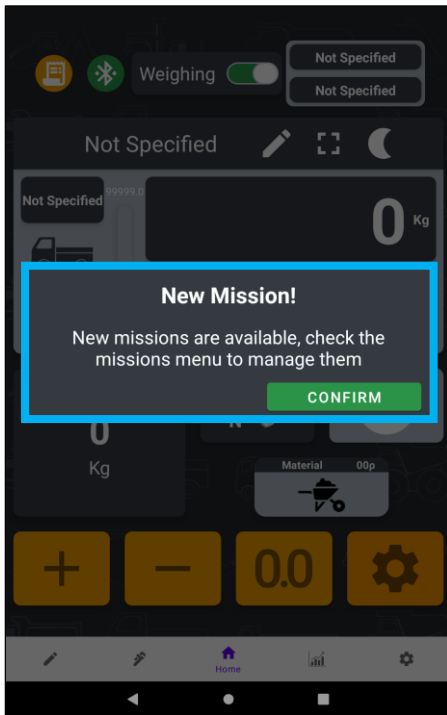
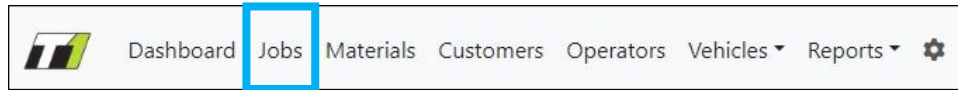
Then, finally, the operator will be able to **COMPLETE** the job mission so as to synchronize the databases on the T1 CLOUD portal.

The operator can also decide to **INTERRUPT** the job mission, placing it in **PAUSE**, and then complete it at a later time. The job mission can also be **CANCELED** by the operator.



Also on the **DASHBOARD** page, the job mission information is updated, indicating the vehicle's last connection (**green icon CONNECTED** – **gray icon NOT CONNECTED**) with date and time. The **STATUS** of the job mission is reported with the date and time of creation combined with the set **TARGET WEIGHT**.

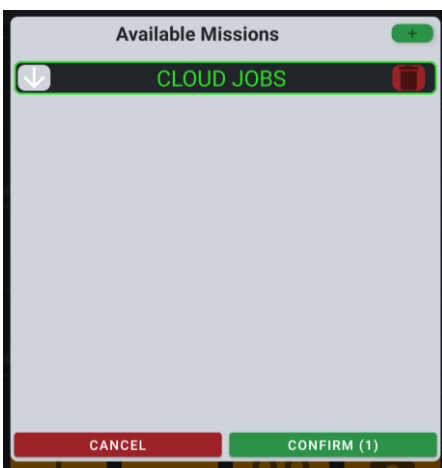
# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



Once the job mission has been created in the T1 CLOUD portal and then saved, **within 10 minutes maximum**, the operator on the vehicle will receive a **NOTIFICATION** on the display of the on-board weighing system (T1 MMT App). It is possible to confirm the job mission immediately or carry it out at a later time.

If the **NOTIFICATION** is **CONFIRMED** immediately, the App will directly display the **LIST OF MISSIONS** to be performed. Otherwise, by pressing the **MISSION LIST** icon you can view all the job missions still to be carried out.

The **JOB MISSION**, within the **MISSION LIST**, can be **ACTIVATED** (by clicking on it), **PAUSED** (clicking again and leaving it unactivated) or **DELETED** (via the bin icon on the right).

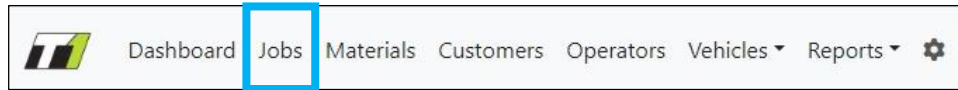


The **JOB MISSION**, within the **MISSION LIST**, can be **ACTIVATED** by clicking on it.

The job mission **will be highlighted in green** to indicate taking charge of it, then by pressing the **CONFIRM** button the job mission is **automatically loaded into the main weighing page ready to be carried out.**

By pressing the **DOWN ARROW** icon on the left you can view all the details associated with the job mission.

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)

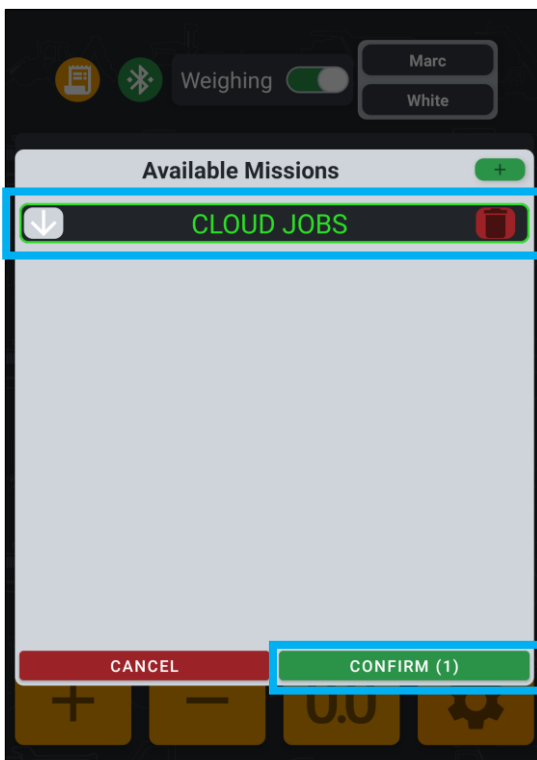


By pressing the **DOWN ARROW** icon on the left you can view all the details associated with the job mission.

Similarly, by pressing the **UP ARROW** icon on the left, all the details associated with the job mission are hidden.

In the example the same information created in the T1 CLOUD portal are sent by the server and then received by the operator in the field into the on-board weighing system's display.

*JOB MISSION TITLE  
NUMBER  
CUSTOMER  
VEHICLE  
TARGET WEIGHT  
MATERIAL TYPE WITH TARGET WEIGHT  
OPERATOR INSTRUCTIONS*

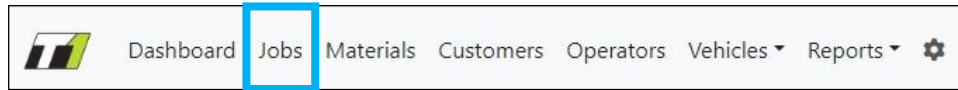


The JOB MISSION can be **ACTIVATED** by clicking on it.

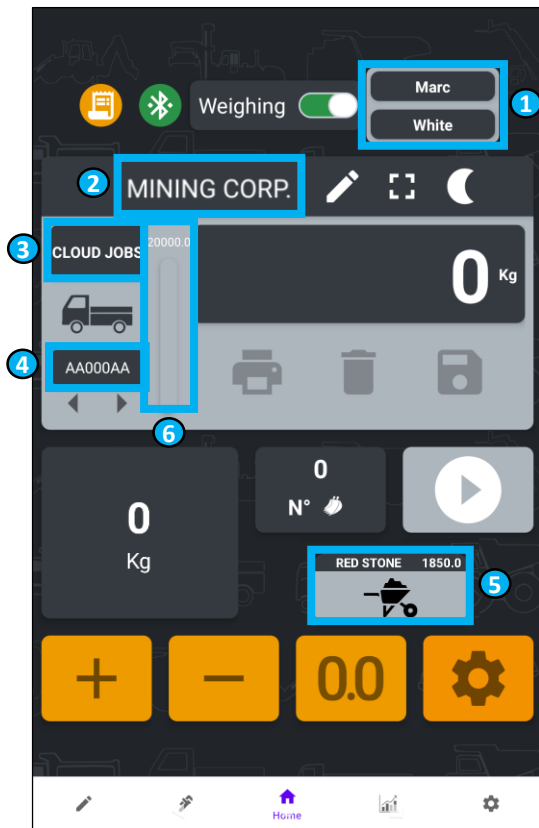
The job mission **will be highlighted in green** to indicate taking charge of it.

By pressing the **CONFIRM (1)** button the job mission is automatically loaded into the main weighing page ready to be carried out.

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)





By pressing the **CONFIRM (1)** button on the **MISSION LIST** the job mission is automatically loaded into the main weighing page ready to be carried out.

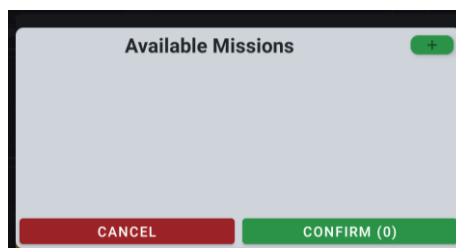


- ① OPERATOR
- ② CUSTOMER/COMPANY
- ③ JOB MISSION TITLE
- ④ VEHICLE ID
- ⑤ MATERIAL
- ⑥ TARGET WEIGHT



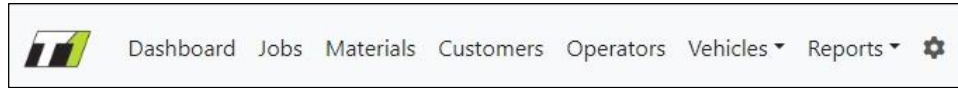
 Press it once the loading phase has been completed. To save the loading data and **complete the assigned job mission**. In this way the job mission will be **synchronized with the T1 CLOUD portal** and the loading data will be saved in the internal database of the on-board weighing system.

 Press it if the load carried out need to be deleted and therefore not confirm the job mission.



Once confirmed and sent, the job mission will disappear from the list because it has been executed.

# T1 CLOUD: CREATION OF A JOB MISSION TO SEND TO THE VEHICLE (T1 MMT APP)



**T1-LOADER**  
 10/27/2023 2:53:03 PM  
 Completed 10/27/2023 2:51 PM  
 19,560 kg / 20,000 kg  
 98%

**Vehicles list**

- TR012CK: 10/27/2023 2:58:29 PM, Completed 9/21/2021 2:41 PM, 27,240 kg / 27,000 kg, 101%
- VISION068000: 10/27/2023 12:52:39 PM, Started 10/27/2023 12:53 PM, 0 kg / 150 kg
- TRUCK1: Waiting for data
- GC666NZ: 5/16/2023 4:14:43 PM, Completed 5/16/2023 4:14 PM, 32,000 kg / 28,000 kg, 116%
- T1-LOADER: 10/27/2023 2:53:03 PM, Completed 10/27/2023 2:51 PM, 19,560 kg / 20,000 kg

Jobs list

Search


Date time	Plate number	Title	Customer	Status	Destination	Target weight	Confirmed weight
10/27/2023 2:05:58 PM	T1-LOADER	CLOUD JOBS	MINING CORP.	Completed	10/27/2023 4:05 PM	20,000	19,560
10/27/2023 1:59:15 PM	T1-LOADER	CLOUD JOBS	Specialized GmbH	Completed	10/27/2023 4:00 PM	20,000	1,520
10/27/2023 1:52:37 PM	T1-LOADER	CLOUD JOBS	Specialized GmbH	Completed	10/27/2023 3:55 PM	1	21,360
10/27/2023 1:49:58 PM	T1-LOADER	CLOUD JOBS	Specialized GmbH	Aborted	10/27/2023 3:49 PM	1	0

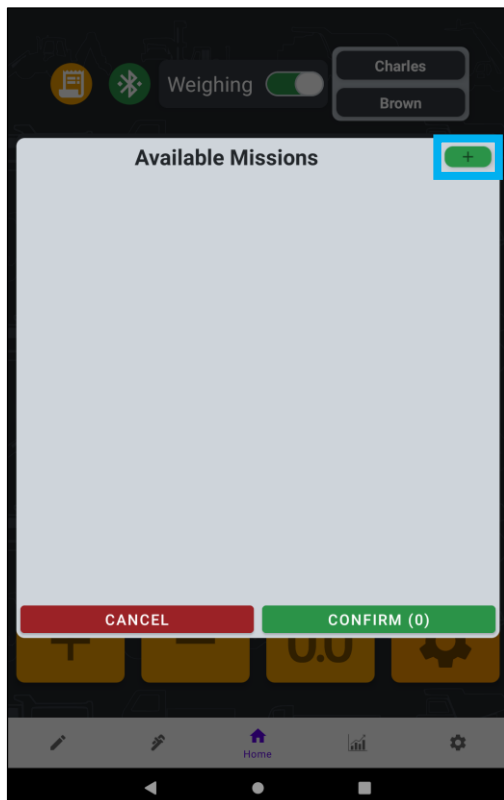
When the job mission is saved and confirmed by the operator in the vehicle's on-board weighing system, the T1 CLOUD portal **will synchronize the information received**, updating the mission status and databases, both on the **DASHBOARD** page and in the **JOBS** page.

# T1 MMT APP: CREATION OF A JOB MISSION TO SEND TO THE T1 CLOUD PORTAL



Through the on-board weighing system (T1 MMT App) it is possible to create **JOB MISSIONS** to send directly to the office on the T1 CLOUD portal.

Press the  **MISSION LIST** button at the top left to access the menu and view the job missions to perform.



Within the **MISSION LIST** it is possible to create a **new job mission to send to the office on the T1 CLOUD portal.**

 Press the **+ button** to create a new job mission

# T1 MMT APP: CREATION OF A JOB MISSION TO SEND TO THE T1 CLOUD PORTAL

Now it is possible to create the job mission by combining the desired information which will then be synchronized with the T1 CLOUD portal:

*JOB MISSION TITLE/HEADING*

*NUMBER*

*CUSTOMER*

*OPERATOR/USER*

*VEHICLE*

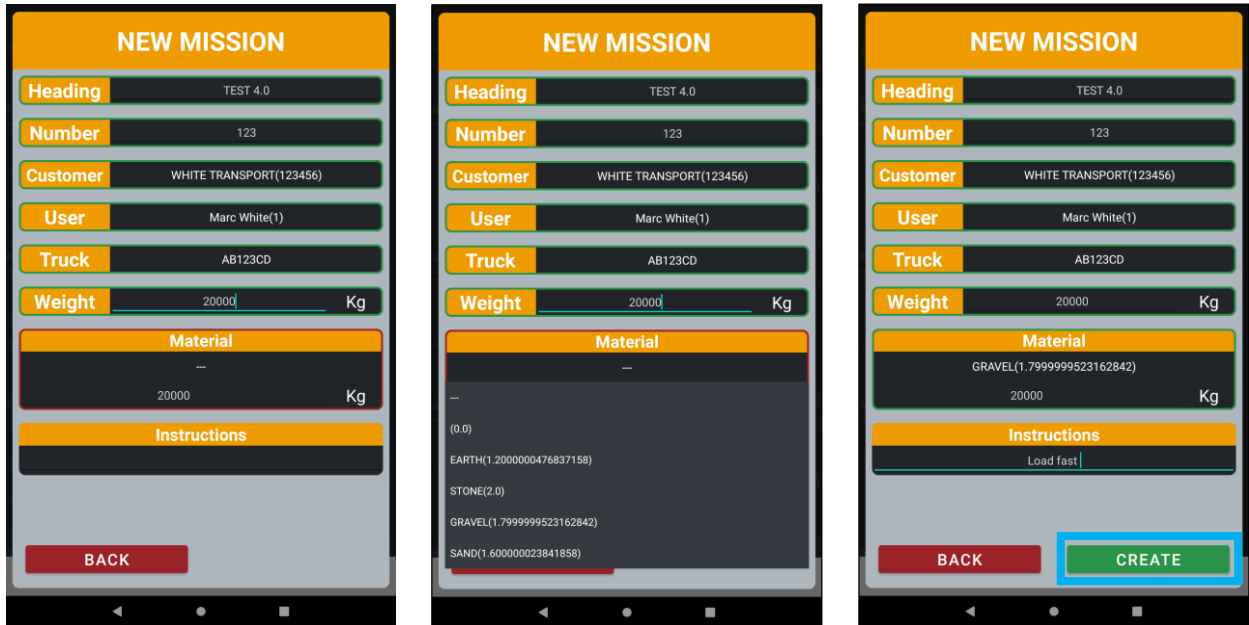
*TARGET WEIGHT*

*MATERIAL TYPE WITH TARGET WEIGHT*

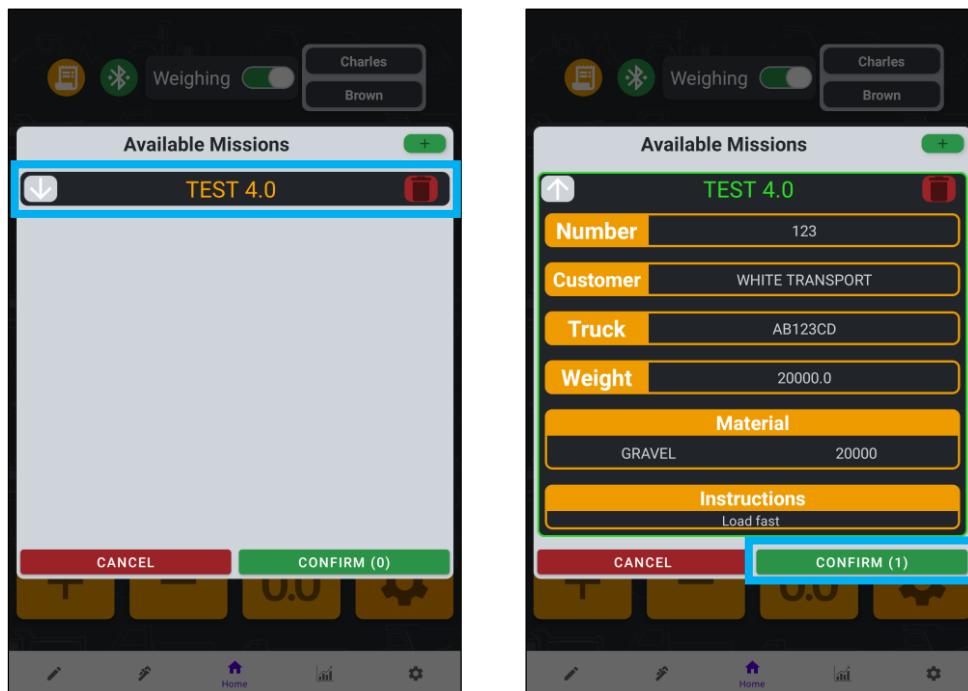
*OPERATOR INSTRUCTIONS*

*Fill in the desired fields of the job mission by choosing from the drop-down menu that appears.*

# T1 MMT APP: CREATION OF A JOB MISSION TO SEND TO THE T1 CLOUD PORTAL

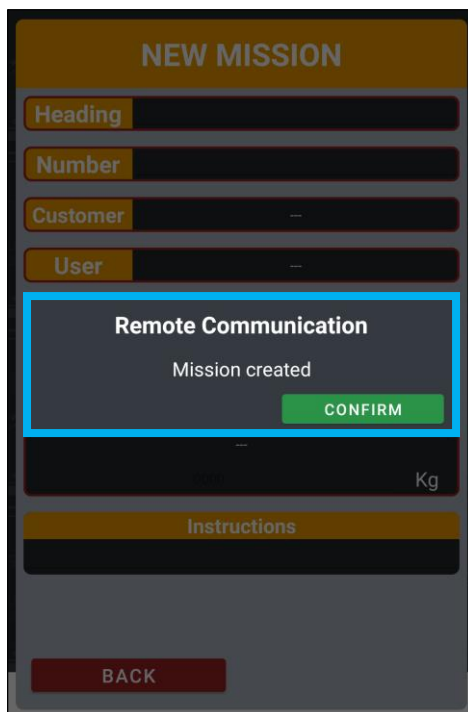


Fill in the desired fields of the job mission by choosing from the drop-down menu that appears. Once you have entered all the information necessary to create the job mission, the menu will display the **CREATE** button. Press the button **CREATE** to create the new job mission.



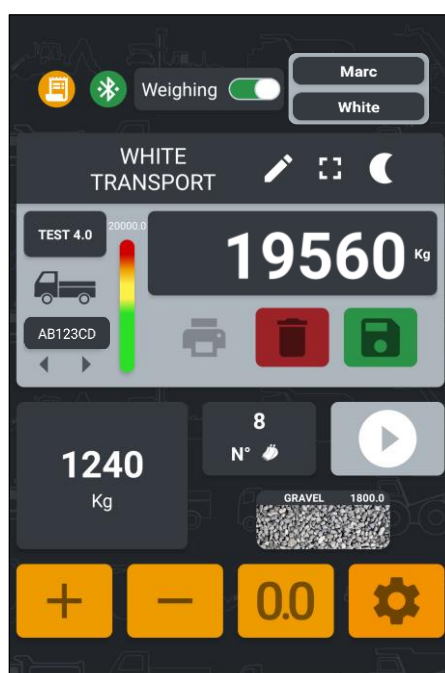
The JOB MISSION can be **ACTIVATED** by clicking on it. The job mission **will be highlighted in green** to indicate taking charge of it. By pressing the **CONFIRM (1)** button the job mission is **automatically loaded into the main weighing page ready to be carried out.**


# T1 MMT APP: CREATION OF A JOB MISSION TO SEND TO THE T1 CLOUD PORTAL




When the new job mission has been created a notification message will appear on the display confirming the operation. Press **CONFIRM** to proceed.

The job mission details are automatically loaded into the main weighing page ready to be carried out.

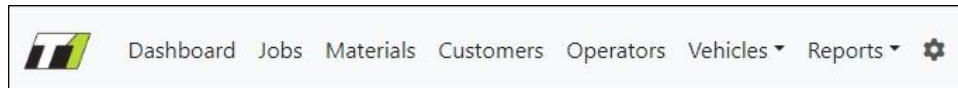


 Press it once the loading phase has been completed. To save the loading data and **complete the assigned job mission.**

 Press it if the load carried out need to be deleted.

Once confirmed and sent, the job mission will disappear from the list because it has been executed.

# T1 MMT APP: CREATION OF A JOB MISSION TO SEND TO THE T1 CLOUD PORTAL



**T1-LOADER**  
 10/27/2023 2:53:03 PM  
 Completed 10/27/2023 2:51 PM  
 19,560 kg / 20,000 kg  
 98%

**Vehicles list**

- TR012CK: 10/27/2023 2:58:29 PM, Completed 9/21/2021 2:41 PM, 27,240 kg / 27,000 kg, 101%
- VISION068000: 10/27/2023 12:52:39 PM, Started 10/27/2023 12:53 PM, 0 kg / 150 kg
- TRUCK1: Waiting for data
- GC566NZ: 5/16/2023 4:14:43 PM, Completed 5/16/2023 4:14 PM, 32,000 kg / 28,000 kg, 116%
- T1-LOADER: 10/27/2023 2:53:03 PM, Completed 10/27/2023 2:51 PM, 19,560 kg / 20,000 kg

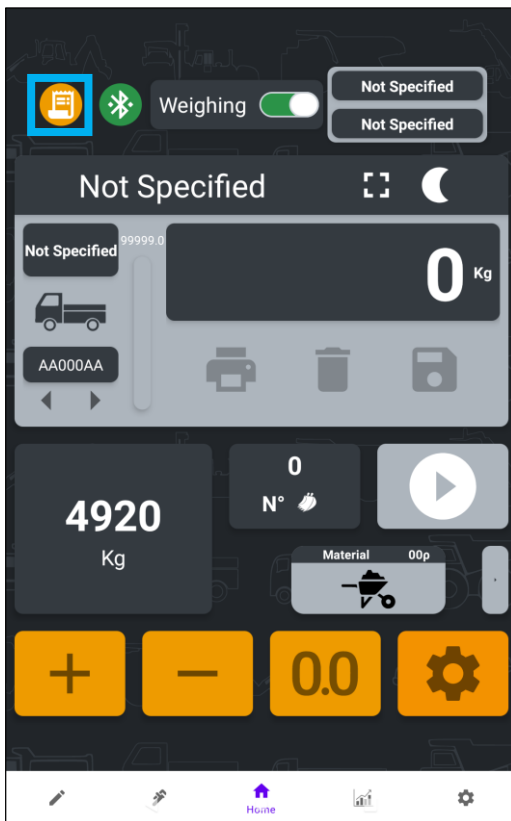
Jobs list

Search

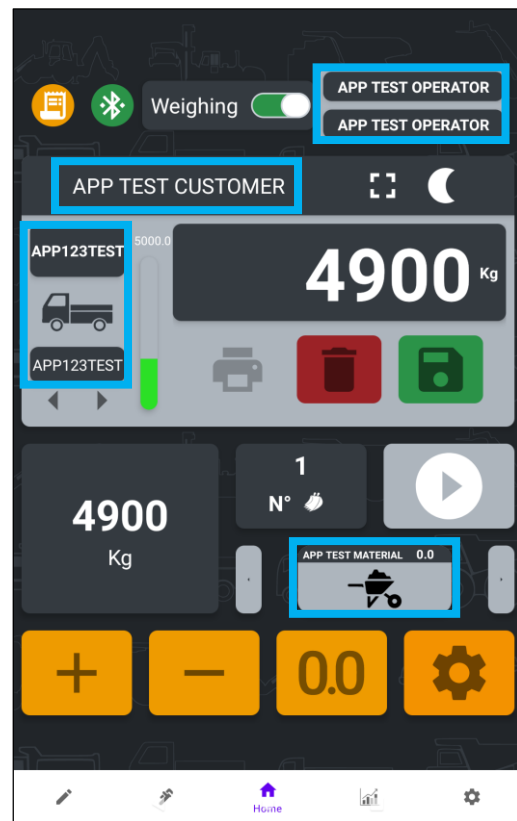
Date time	Plate number	Title	Customer	Status	Destination	Target weight	Confirmed weight
10/27/2023 12:50:55 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Completed 10/27/2023 2:51 PM		20,000	19,560
10/27/2023 12:12:44 ...	T1-LOADER	TEST 4.0	Specialized GmbH	Completed 10/27/2023 2:13 PM		20,000	10,400
10/27/2023 12:08:13 ...	T1-LOADER	TEST 4.0	WHITE TRANSPORT	Started 10/27/2023 2:08 PM		20,000	0
10/27/2023 12:05:12 ...	T1-LOADER	TEST 4.0	Specialized GmbH	Completed 10/27/2023 2:07 PM		20,000	20,800
10/27/2023 12:02:58 ...	T1-LOADER	TEST 4.0		Completed 10/27/2023 2:03 PM		20,000	10,420

When the job mission is saved and confirmed by the operator in the vehicle's on-board weighing system, the T1 CLOUD portal **will synchronize the information received**, updating the mission status and databases, both on the **DASHBOARD** page and in the **JOBS** page.

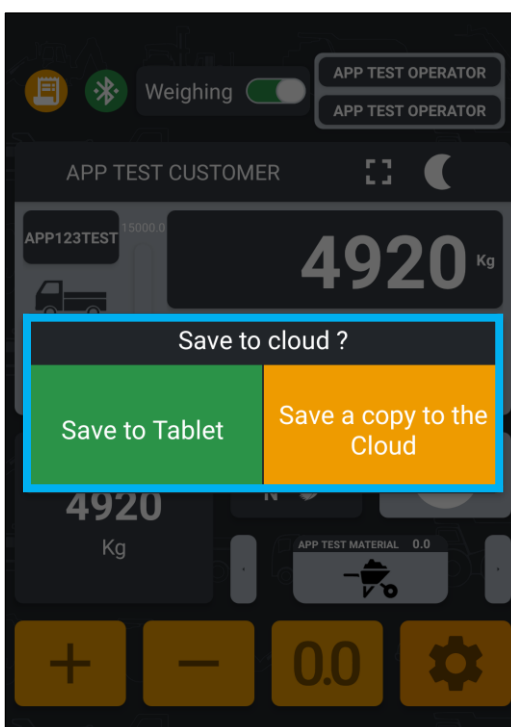
# T1 MMT APP: QUICK SENDING MODE OF THE WEIGH TO THE T1 CLOUD PORTAL




Main weighing screen with remote communication mode **ACTIVATED**.



Main weighing screen with Operator, Customer, Vehicle and Material selected.



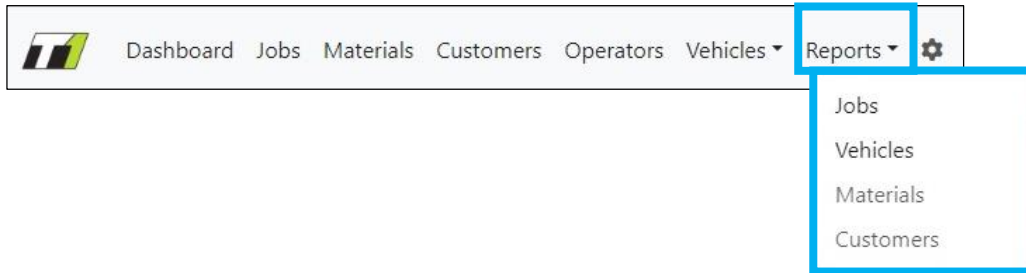
 Press the **SAVE** button to confirm saving the weighing.

The T1 MMT App will display a notification asking the operator where to save the weighing carried out :

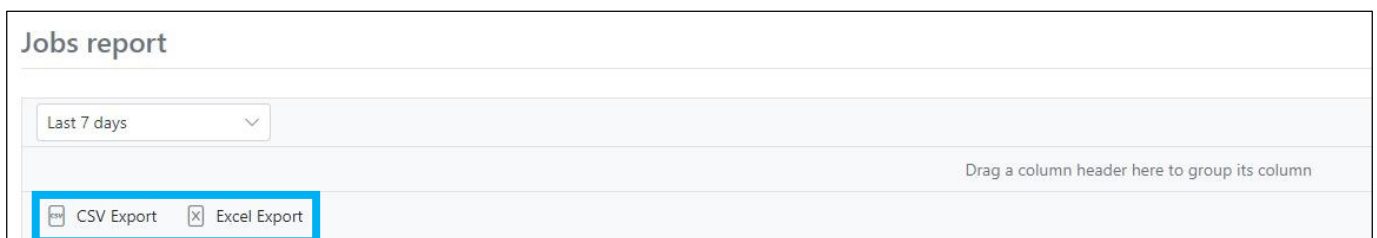
- 1) **SAVE TO TABLET**
- 2) **SAVE and SEND TO THE CLOUD**

**SAVE and SEND TO CLOUD** will save the data in the device database and send the data to the **T1 CLOUD portal** in the mission list with the title T1 MMT APP.

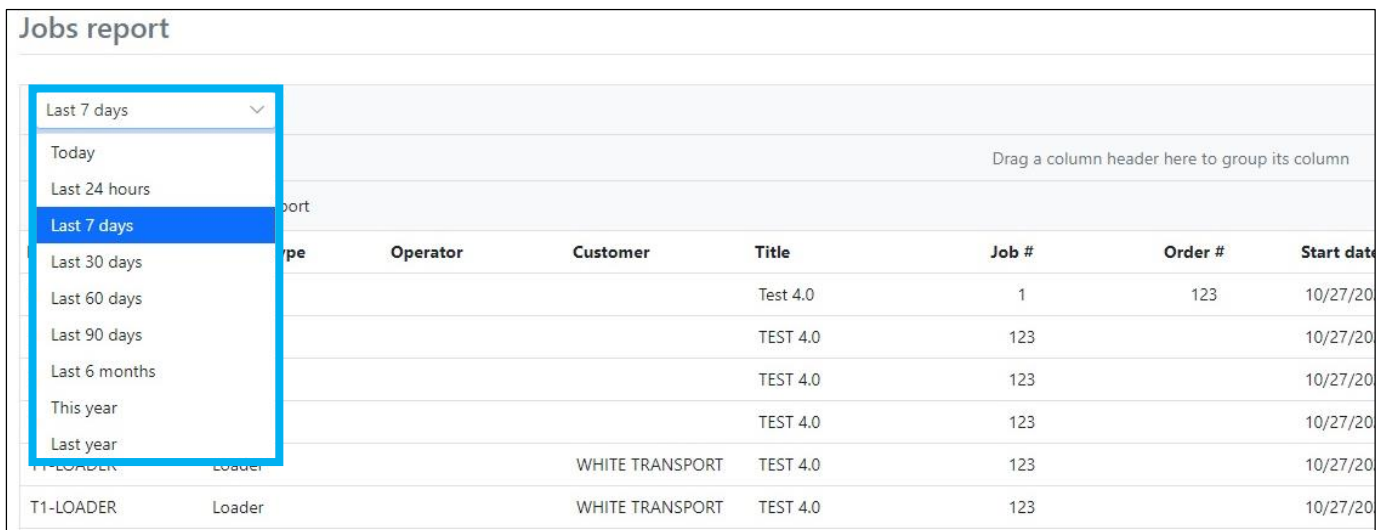
# REPORTS



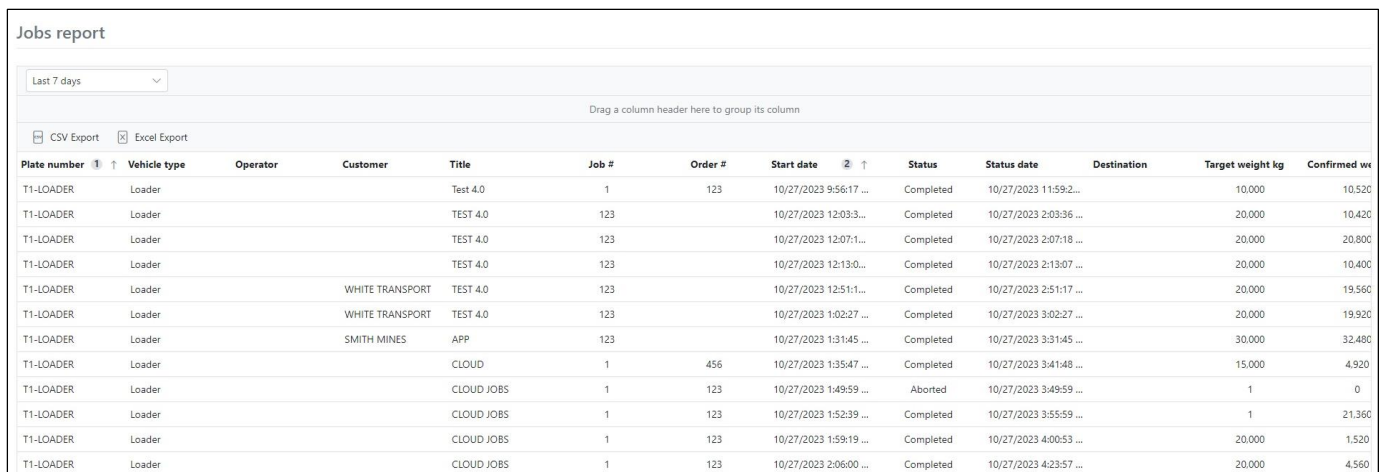
Click on **REPORTS** to enter the reports menu referring to the data synchronized with the on-board weighing system installed on the vehicle. The **REPORTS** are divided by **JOBS**, **VEHICLES**, **MATERIALS** and **CUSTOMERS**.



The **REPORTS** can be extrapolated from the T1 CLOUD portal in **CSV Export** and **Excel Export** format.



It is possible to select a time interval (*today, last 24h, last 7days, 30days, 60days, this year, last year*).



# REPORTS


[Dashboard](#)
[Jobs](#)
[Materials](#)
[Customers](#)
[Operators](#)
[Vehicles](#)
Reports


Jobs report

Last 7 days

Drag a column header here to group its column

CSV Export
  Excel Export

Plate number	Vehicle type	Operator	Customer	Title	Job #	Order #	Start date	Status	Status date	Destination	Target weight kg	Confirmed wt
T1-LOADER	Loader			Test 4.0	1	123	10/27/2023 9:56:17 ...	Completed	10/27/2023 11:59:2...		10,000	10,520
T1-LOADER	Loader			TEST 4.0	123		10/27/2023 12:03:3...	Completed	10/27/2023 2:03:36 ...		20,000	10,420
T1-LOADER	Loader			TEST 4.0	123		10/27/2023 12:07:1...	Completed	10/27/2023 2:07:18 ...		20,000	20,800
T1-LOADER	Loader			TEST 4.0	123		10/27/2023 12:13:0...	Completed	10/27/2023 2:13:07 ...		20,000	10,400
T1-LOADER	Loader		WHITE TRANSPORT	TEST 4.0	123		10/27/2023 12:51:1...	Completed	10/27/2023 2:51:17 ...		20,000	19,560
T1-LOADER	Loader		WHITE TRANSPORT	TEST 4.0	123		10/27/2023 1:02:27 ...	Completed	10/27/2023 3:02:27 ...		20,000	19,920
T1-LOADER	Loader		SMITH MINES	APP	123		10/27/2023 1:31:45 ...	Completed	10/27/2023 3:31:45 ...		30,000	32,480
T1-LOADER	Loader			CLOUD	1	456	10/27/2023 1:35:47 ...	Completed	10/27/2023 3:41:48 ...		15,000	4,920
T1-LOADER	Loader			CLOUD JOBS	1	123	10/27/2023 1:49:59 ...	Aborted	10/27/2023 3:49:59 ...		1	0
T1-LOADER	Loader			CLOUD JOBS	1	123	10/27/2023 1:52:39 ...	Completed	10/27/2023 3:55:59 ...		1	21,360
T1-LOADER	Loader			CLOUD JOBS	1	123	10/27/2023 1:59:19 ...	Completed	10/27/2023 4:00:53 ...		20,000	1,520
T1-LOADER	Loader			CLOUD JOBS	1	123	10/27/2023 2:06:00 ...	Completed	10/27/2023 4:23:57 ...		20,000	4,560

Drag a column header here to group its column

The **REPORTS** tables are divided into categories: VEHICLE PLATE NUMBER, VEHICLE TYPE, OPERATOR, CUSTOMER, TITLE, JOB, ORDER, START DATE, STATUS, STATUS DATE, DESTINATION, TARGET WEIGHT KG and CONFIRMED WEIGHT KG.

By clicking and dragging one or more categories in the space highlighted above, the **REPORT** will show the database by subdividing it based on the category selected and dragged above.

Jobs\_10\_31\_2023 4\_07\_25 PM [Visualizzazione protetta] - Excel

File Home Inserisci Layout di pagina Formule Dati Revisione Visualizza Guida Cosa vuoi fare?

A1 Plate number

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Plate number	Vehicle type	Operator	Customer	Title	Job #	Order #	Start date	Status date	Destination	Target weight kg	Confirmed weight kg	Lat (Long)	Alert overload	Alert destination
1	T1-4072	Truck			M-231024-0806	0		10/24/2023 8:07:10 AM	10/24/2023 8:07:14 AM		29,500	29,140	44.8341498;10.363	false	false
2	T1-4923	Truck			Brembilla Cremona	0		10/24/2023 9:16:52 AM	10/24/2023 9:17:32 AM		30,000	29,933	45.7893460;9.6264	false	false
3	T1-4894	Truck			M-231024-0753	0		10/24/2023 9:54:07 AM	10/24/2023 9:54:09 AM		29,960	30,500	45.1883420;10.091	true	false
4	T1-4073	Truck			Milano	0		10/24/2023 10:43:18 AM	10/24/2023 10:43:20 AM		27,700	0	45.5139750;10.204	false	false
5	T1-4087	Truck			M-231024-0823parma,r	0		10/24/2023 11:02:49 AM	10/24/2023 11:02:51 AM		30,000	600	44.8088780;10.197	false	false
6	T1-4087	Truck			M-231024-0823parma,r	0		10/24/2023 11:02:54 AM	10/24/2023 11:02:57 AM		29,800	600	44.8095310;10.196	false	false
7	T1-4087	Truck			M-231024-1221salamine	0		10/24/2023 11:02:59 AM	10/24/2023 11:02:01 AM		30,000	590	44.8095500;10.196	false	false
8	T1-4002	Loader			M-231024-0928	0		10/24/2023 11:28:46 AM	10/24/2023 11:28:46 AM		30,100	30,100	0.0000000;0.00000	false	false
9	T1-4072	Truck			M-231024-1016	0		10/24/2023 12:17:28 PM	10/24/2023 12:17:34 PM		24,000	25,980	44.7465380;10.656	true	false
10	T1-4088	Truck			M-231024-0916	0		10/24/2023 2:25:38 PM	10/24/2023 2:25:40 PM		30,000	25,536	45.6328320;9.8511	false	false
11	T1-4002	Loader			M-231024-1235	0		10/24/2023 2:35:19 PM	10/24/2023 2:35:19 PM		30,480	30,480	0.0000000;0.00000	false	false
12	T1-4002	Loader			M-231024-1246	0		10/24/2023 2:46:39 PM	10/24/2023 2:46:39 PM		41,000	41,000	0.0000000;0.00000	false	false
13	T1-4002	Loader			M-231024-1300	0		10/24/2023 3:00:09 PM	10/24/2023 3:00:09 PM		29,720	29,720	0.0000000;0.00000	false	false
14	T1-4002	Loader			M-231024-1306	0		10/24/2023 3:06:39 PM	10/24/2023 3:06:39 PM		30,900	30,900	0.0000000;0.00000	false	false
15	T1-4002	Loader			M-231024-1308	0		10/24/2023 3:08:45 PM	10/24/2023 3:08:45 PM		1,320	1,320	0.0000000;0.00000	false	false
16	T1-4002	Loader			M-231024-1321	0		10/24/2023 3:21:54 PM	10/24/2023 3:21:54 PM		30,220	30,220	0.0000000;0.00000	false	false
17	T1-4002	Loader			M-231024-1326	0		10/24/2023 3:26:21 PM	10/24/2023 3:26:21 PM		32,180	32,180	0.0000000;0.00000	false	false
18	T1-4002	Loader			M-231024-1329	0		10/24/2023 3:29:47 PM	10/24/2023 3:29:47 PM		30,560	30,560	0.0000000;0.00000	false	false
19	T1-4002	Loader			M-231024-1332	0		10/24/2023 3:32:23 PM	10/24/2023 3:32:23 PM		29,660	29,660	0.0000000;0.00000	false	false
20	T1-4002	Loader			M-231024-1336	0		10/24/2023 3:36:24 PM	10/24/2023 3:36:24 PM		29,520	29,520	0.0000000;0.00000	false	false
21	T1-4002	Loader			M-231024-1343	0		10/24/2023 3:43:14 PM	10/24/2023 3:43:14 PM		29,760	29,760	0.0000000;0.00000	false	false
22	T1-4002	Loader			M-231024-1347	0		10/24/2023 3:47:27 PM	10/24/2023 3:47:27 PM		30,640	30,640	0.0000000;0.00000	false	false
23	T1-4002	Loader			M-231024-1352	0		10/24/2023 3:52:06 PM	10/24/2023 3:52:06 PM		30,500	30,500	0.0000000;0.00000	false	false
24	T1-4002	Loader			M-231024-1355	0		10/24/2023 3:55:45 PM	10/24/2023 3:55:45 PM		30,000	30,000	0.0000000;0.00000	false	false
25	T1-4002	Loader			M-231024-1355	0		10/24/2023 3:55:45 PM	10/24/2023 3:55:45 PM		30,000	30,000	0.0000000;0.00000	false	false

Example of excel file extracted from the reports of the T1 CLOUD portal.

For the duration of the web service OUTSET will provide free of charge to the Client updates of the programs necessary for the proper functioning of the service. The Client shall keep confidential the authentication credentials and shall not divulge them to any third party unless expressly authorized by OUTSET. For the duration of the web service vehicle location data stored in the cloud is automatically overwritten every 12 months, unless otherwise stated in the Contract. Upon termination of the web service, the data shall be deleted after 30 days. The Client shall take care of periodic saving of data in its systems due to specific needs. No liability is accepted by OUTSET in this respect.

# REMOTE DIAGNOSTIC

The remote diagnostic of the T1 MMT system is a method of technical support operated remotely by specialized technicians and / or trained personnel with direct interaction on the weighing system installed on board your vehicle. The operator is able to operate in full autonomy, sending commands and analyzing the relative system responses, without any local intermediation.



Vehicles list

[New vehicle](#)

Plate number	Device	Type	Customer	Date creation	Date modified		
TR012CK		Truck		12/9/2020 6:39:01 PM	5/4/2021 3:24:31 PM		
LANX068000			Cliente demo	3/24/2021 8:31:11 PM	6/8/2021 4:57:56 PM		
VISION068000		Loader	Cliente demo	3/26/2021 3:06:50 PM	11/23/2021 11:54:06 AM		
GC666NZ	0016A4A1E4B4	Truck	Cliente demo	3/31/2021 2:12:38 PM	3/31/2021 3:54:08 PM		
TRUCK1	0016A4A081CE	Truck		7/21/2021 6:49:25 PM	11/14/2022 6:18:35 PM		
T1-LOADER	00E0045EF21B	Loader		10/9/2023 10:43:12 AM			

From the T1 CLOUD platform it is possible to activate the **REMOTE DIAGNOSTIC** of the on board weighing system installed via the vehicle **DIAGNOSTIC** page.

Enter the **VEHICLES** menu and press the blue icon to access the **DIAGNOSTIC** of the desired vehicle. Obviously the **REMOTE DIAGNOSTIC** function is only available for vehicles equipped with an on-board weighing system.

Plate number: **T1-LOADER**  
90380CFA9696

Name: **T1 MMT App**  
MAC: 90380CFA9696  
Gateway: 2.1.0  
App: 2.8.0

#	ADC	CAN	
1	13496	0	
2	1904	27567	
3	0	18081	
4	0	0	
5	0	0	
6	0		

No update

[Carica configurazione](#) [Invia configurazione](#)

Inside the **DIAGNOSTICS**, the details of the installed on-board weighing system are displayed (MAC ADDRESS, Gateway Version, App Version).

The **ADC** field indicates the values of the **PRESSURE TRANSDUCERS** and **PROXIMITY SENSORS** if installed.

The **CAN** field indicates the values of the **INCLINOMETERS** (can bus) if installed. The red icon (!) indicates a sensor that is not connected or not functioning.

**LOAD CONFIGURATION** allows you to load the .apk file of the T1 MMT App.

**SEND CONFIGURATION** allows you to send the .apk file of the T1 MMT App.





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