

GOVERNMENT NOTICE NO. 21 published on 12/1/2024

THE LAND TRANSPORT REGULATORY AUTHORITY ACT,
(CAP. 413)

REGULATIONS

(Made under section 45(2)(i))

THE LAND TRANSPORT REGULATORY AUTHORITY (APPLICATION OF VEHICLE
TRACKING SYSTEM) REGULATIONS, 2024

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THE LAND TRANSPORT REGULATORY AUTHORITY ACT,
(CAP. 413)

REGULATIONS

(Made under section 45(2) (i))

THE LAND TRANSPORT REGULATORY AUTHORITY (APPLICATION OF VEHICLE
TRACKING SYSTEM) REGULATIONS, 2024

PART I
PRELIMINARY PROVISIONS

- Citation 1. These Regulations may be cited as the Land Transport Regulatory Authority (Application of Vehicle Tracking System) Regulations, 2024.
- Application 2. These Regulations shall apply to supplier and service provider in application of vehicle tracking system in Mainland Tanzania.
- Interpretation 3. In these Regulations, unless the context otherwise requires-
- Cap. 413 “Act” means the Land Transport Regulatory Authority Act;
 “Authority” means the Land Transport Regulatory Authority established under the Act
 “Application Programming Interface” in its acronym “API” means a way in which two or more computer programs enabled to communicate with each other;
- Cap. 130 “Bureau” means Tanzania Bureau of Standards established under the Standards Act.
 “Vehicle Tracking Device” or in its acronym “VTD” means a device and its accessories installed in a public service vehicle capable of recording, transmitting data and regulating vehicle movement;
 “Vehicle Tracking System” or in its acronym “VTS” means a system which receives, stores, tracks and shows in real time, vehicles movement and tendency;

- G.N No.
76 of 2020
- “supplier” means a registered company or government entity dealing with supply and installation of VTD;
- “service provider” means a person who is licensed as an owner of a motor vehicle under the Transport Licensing (Public Service Vehicle) Regulations for provision of regulated services;
- “Global System for Mobile Communication” or in its acronym “GSM” means a digital mobile network widely used by mobile phones operators in the world for data transmission; and
- “Global Positioning System” or in its acronym “GPS” means a navigation system using satellites, receiver and algorithms to synchronize location, velocity and time data for air, sea and land transport.

PART II APPROVAL TO THE SUPPLIER

Application for certificate of approval to supply VTD

4.-(1) A person who intends to supply and install VTD in a vehicle shall apply to the Authority for approval in the Form set out in the First Schedule and pay an application fee as prescribed in the Third Schedule.

(2) The application under subregulation (1) shall be accompanied with:

- (a) a copy of certificate of incorporation;
- (b) a copy of valid business licence;
- (c) a copy of title deed or lease agreement for office accommodation;
- (d) a valid Tax Clearance Certificate; and
- (e) a sample VTD intended to be installed.

Eligibility for approval of supplier

5. The Authority may approve a supplier of VTD under these Regulations where-

- (a) the supplier is a company incorporated in Tanzania or a government entity;
- (b) the supplier has provided technical documentation and firmware of the VTD for recording and processing the transmitted data through the Authority’s VTS;

- (c) the supplier has VTD that-
 - (i) is capable of recording, storing and transmitting data in real time;
 - (ii) meets the standards set out by the Bureau;
 - (iii) has no effect on the normal operations of vehicle;
 - (iv) is capable of recording and storing events information while disconnected from GSM network and updating back to the central server upon connection to GSM network;
 - (v) is capable of transmitting data to the Authority's VTS;
 - (vi) is capable of transmitting GPS values at a specified time interval;
 - (vii) is "failsafe" in such a way that if the plug to the electronic controller is removed, power is disconnected or if the speed signal or wire is disconnected the vehicle shall not be able to be driven in excess speed; and
 - (viii) is equipped with means of accepting an external device and secure remote connection for testing the VTD and verifying its functionality.
- (d) the supplier has enough skilled man power for installation and maintenance of the VTD;
- (e) the supplier has submitted to the Authority the manufacturer authorisation certificate and proof of at least one year warrant of the VTD;
- (f) the supplier meets the requirements of compliance as provided in the Second Schedule subject to testing under these Regulations; and
- (g) the supplier has paid the required fees as prescribed in the Third Schedule.

Performance
testing of
VTD

6. Upon receipt of the application, the Authority shall require the supplier to configure and install the VTD in the vehicle for testing.

Approval of
VTD supplier

7.-(1) The Authority may within fourteen days from the date of receipt of application and upon being satisfied with eligibility of the supplier under regulation 5 and the results of VTD performance testing under regulation 6, approve the supplier to supply VTD.

(2) The Authority may, refuse the application for approval of VTD supplier if-

- (a) the applicant fails to meet the eligibility criteria under regulation 5;
- (b) the applicant is engaged in dishonest or fraudulent conducts;
- (c) the applicant fails to pay the prescribed fee; and
- (d) the applicant's VTD fails performance test under regulation 6.

(3) Where the Authority refuses to approve a supplier, it may, within fourteen days from the date of refusal, direct the applicant to rectify the identified defaults and resubmit the application for approval.

(4) Where the applicant fails to rectify the defaults within thirty days from the date of refusal, the applicant shall be required to submit a new application.

Certificate of
approval

8.-(1) The Authority shall issue a certificate of approval to the approved supplier of VTD.

(2) The certificate of approval shall be valid for a period of three years subject to renewal.

(3) The approved supplier shall be required to pay the required fees as prescribed in the Third Schedule to these Regulations.

Renewal
of
certificat
e of
approval

9.-(1) The owner of a certificate of approval shall, in not less than thirty days prior to the expiration of the term of certificate of approval, submit an application for renewal in the form set out in the First Schedule to these Regulations.

(2) The application for renewal shall be accompanied with the following documents:

- (a) a copy of valid business licence;
- (b) a valid Tax Clearance Certificate; and
- (c) a copy of title deed or lease agreement for office

accommodation in case of changes.

(3) Upon receipt of an application for renewal under this regulation, the Authority may renew certificate of approval subject to provisions of these Regulations.

Suspension of
certificate of
approval

10.-(1) The Authority shall suspend the certificate of approval for the following reasons:

- (a) where it is proved that the supplier has engaged in dishonest or fraudulent conducts;
- (b) failure to rectify malfunction of VTD within twenty-four hours for three occurrences;
- (c) proof of false or misleading information;
- (d) proof of tampering with VTD;
- (e) proof of existence of VTD vulnerabilities; and
- (f) proof of contravention of these Regulations.

(2) Where the violation is in relation to tampering with the VTS, the suspension shall be for not less than thirty days.

(3) The reasons for suspension or cancellation under subregulation (1) may be used as reasons for disqualification during renewal of certificate of approval.

PART III CONDITIONS FOR SUPPLY OF VEHICLE TRACKING DEVICE

Conditions for
supplier of
VTD

11.A supplier of VTD shall-

- (a) supply and install VTD to service provider's vehicle by either selling,leasing or hiring;
- (b) provide maintenance services to supplied VTD within twenty-four hours from occurrence or reporting the malfunction;
- (c) prepare a middleware or an integrating mechanism with the Authority's VTS platform using given API or another agreed mechanism;
- (d) ensure that VTD is continuously transmitting data directly to VTS;

- (e) comply with required specifications of the VTD prescribed by the Authority;
- (f) provide training on the use of VTD to service providers and other stakeholders;
- (g) provide access of the VTD to the Authority when required;
- (h) ensure that information obtained in the course of the supplier's services are not disclosed to another person without prior approval of the Authority;
- (i) ensure that VTD is failsafe and is installed in such a way that it is not tampered with;
- (j) ensure that technicians wear uniforms with the supplier's logo and identity cards while on duty;
- (k) ensure that the technicians prepare a job card of the inspection or maintenance carried out;
- (l) not terminate services to the service provider, without prior notice of thirty days to the Authority;
- (m) enter into contract with the service provider prior to installation of VTD; and
- (n) inform the service provider and the Authority regarding the malfunctioning of the VTD within six hours.

Conditions to
service
provider

12. A service provider shall ensure that-

- (a) the VTD is installed in the vehicle by a supplier approved by the Authority;
- (b) the VTD is protected against hazardous conditions, tampering and is working properly at all times;
- (c) any malfunction or damage of the VTD is reported within two hours to the supplier and where no action is taken by the supplier, he notifies the Authority within the twelve hours from occurrence of such malfunction or damage;
- (d) an officer of the Authority or the supplier is provided with access to inspect the VTD without any obstruction;
- (e) the Authority is informed where the supplier has not rectified the malfunction of the VTD within twenty-four hours; and
- (f) the arrears to the supplier are paid before entering into

an agreement with another supplier.

PART IV
GENERAL PROVISIONS

- VTD not to affect functioning of vehicle **13.**-(1) The installation of the VTD shall not affect the normal functioning of the vehicle.
(2) Any damage resulting from installation of the VTD shall be compensated by the supplier.
- SIM card service charges **14.** The supplier shall be responsible to bear data service charges arising from the use of SIM cards provided by the Authority.
- Request for access to VTS **15.**-(1) The service provider may request from the Authority access to VTS information for the purpose of monitoring the performance of his vehicle.
(2) The Authority may, upon receipt of the application under subregulation (1) open a monitoring account for the service provider.
- Offences and penalties **16.** A person who contravenes the provisions of these Regulations, commits an offence and on conviction shall be liable to a fine of not less than five hundred thousand shillings but not exceeding one million shillings, or to imprisonment for a term of not less than one year but not exceeding two years or to both.
- Review
GN. No. 73 of 2020 **17.** A person aggrieved by the decision of the Authority under these Regulations may, within fourteen days from the date of the decision, apply to the Authority for review, in accordance with the Land Transport Regulatory Authority (Review Procedure) Rules.
- Appeal
Cap. 285 **18.** Subject to the provisions of Fair Competition Act, a person aggrieved by the decision of the Board may appeal to the Fair Competition Tribunal.

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FIRST SCHEDULE
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(Made under Regulations 4(1) and 9(1))

APPLICATION FORM

1 NATURE OF APPLICATION / TICK ON THE APPROPRIATE BOX

New	
Renewal	
Replacement	

2 PARTICULARS OF AN APPLICANT FOR REGISTRATION

Applicant Name in full
(Name/Company/Partners - in BLOCK LETTERS)
Postal Address
Office Tel/Mobile Phone:
Applicant's Mobile Phone:.....
E-mail:

Physical Address:.....
Street:
Plot Number:
Office Number:
Plot Number

Have you had a previous application
refused/suspended or revoked?
Yes:.....
No:.....
If Yes, state why the application was refused/suspended or revoked?
.....

ITEMS TO BE PROVIDED DURING APPLICATION

1. First application shall be accompanied by the items listed below:
- (a) a copy of a valid business licence;
 - (b) proof of office ownership or lease agreement;
 - (c) possess a valid tax clearance certificate;
 - (d) a copy of national identification Card or number for individual person or certificate of incorporation for companies;

2. Renewal

- (a) proof of payment of the Authority's levy for the preceding year;
- (b) a copy of a valid business license;
- (c) possess a valid tax clearance certificate;
- (d) proof of office ownership or lease agreement; and
- (e) any other document as the Authority may require.

DECLARATION

I/We hereby declare that to the best of my/our knowledge and belief all the information provided in this application is true.

Full Name: Signature:

Designation: Date:

CAUTION:

- 1. Knowingly making a false statement for the purpose of obtaining the grant of a licence is an offence punishable by fine or imprisonment.
- 2. Any change of particulars provided in this Form should be communicated to Authority otherwise you will be committing an offence under these Regulations.

FOR OFFICIAL USE ONLY

LICENSEE'S FILE NUMBER:

.....

Verification and Approval

(a) Not Approved:

Provide reasons

.....

(b) Approved:

Start Date:.....

Expiry Date:

Officer's Name in full:.....

Designation:.....

Signature:.....

Date :

Amount paid:

Date :.....

Receipt No.

Signature:

SECOND SCHEDULE

(Made under regulation 5(f))

STATEMENT OF COMPLIANCE

S/N	Compliance Statement/Technical Specification	Indicate whether Comply or Not Comply	Remarks (if any, Evidence or explanations on how the compliance will be achieved or not)
1.0			
1.1	Provide and install fixed vehicle tracking devices to transporters by either selling, leasing or hiring to them		
1.2	Provide maintenance services to the fixed tracking devices sold, leased or hired to transporters		
1.3	Prepare a middleware or an integrating mechanism with the Authority VTS platform using given API or another agreed mechanism		
1.4	Comply with all requirements as specified in the API or another agreed mechanism.		
1.5	Provide a mechanism / interface where the Authority can directly interrogate and manage on real time the tracking device and update some parameters such as speed limit at any time.		
1.6	Ensure that GPS data transmitted to the Authority VTS platform is complete, correct and accurate.		
1.7	Inform of the availability of new Technology on Tracking System and devices from Time to time.		
1.8	Ensure there is no tampering of the fitted tracking device.		
1.9	Ensure that fitted tracking devices are transmitting to the Authority VT Application all the time.		

Land Transport Regulatory Authority (Application of Vehicle Tracking System)
GN. NO.21 (Contd.)

S/N	Compliance Statement/Technical Specification	Indicate whether Comply or Not Comply	Remarks (if any, Evidence or explanations on how the compliance will be achieved or not)
1.10	Report immediately to Authority of any event that could lead to the tracking device not working properly (such as accident, theft etc.)		
1.11	Ensure compliance with standards specifications of the fixed tracking devices as set by the Authority including integration to the system using the API provided by the Authority.		
1.12	Provide training on the use of fitted tracking devices to transporters and other stake holders		
1.13	Provide access and information to the Authority at any given time for the GPS data receiving, integration/ middleware platform for auditing and quality assurance purposes		
1.14	Settle GPS/GPRS communication charges claim made by the client within seven days from the date of submission.		
1.15	Provide GPS positioning values.		
1.16	Provide alerts information.		
1.17	Updating of GPS values for at least three minutes.		
1.18	Storing of alerts information while disconnected from GSM network and updating back to central server upon.		
1.19	Provide low battery alerts.		
1.20	Provide alerts on lost connection.		
1.21	Provide damage alerts from tracking		
1.22	API provided or any other agreed integration mechanism may be changed or updated by the Authority from time to time depending on the need, or change in technology, which may lead the		

Land Transport Regulatory Authority (Application of Vehicle Tracking System)
GN. NO.21 (Contd.)

S/N	Compliance Statement/Technical Specification	Indicate whether Comply or Not Comply	Remarks (if any, Evidence or explanations on how the compliance will be achieved or not)
	bidder to change immediately the way he integrate or communicate with VTS at no cost to the Authority.		
1.23	Submit all documentation for tracking devices (including all related protocols) used for non-BSMART devices.		
2.0			
2.1	Vehicle Registration Number		
2.2	Driver's Name (driver identification such as use of i-button or similar)		
2.3	Latitude (in decimal degrees)		
2.4	Longitude (in decimal degrees)		
2.5	Altitude (in meters above sea level)		
2.6	GPS timestamp (YYYY-MM-DD HH:MM:SS)		
2.7	Speed (km/h)		
2.8	Bearing (Direction in degrees)		
2.9	Odometer (KM)		
2.10	Satellite count		
2.11	HDOP (Horizontal Dilution of Precision-Quality of signal)		
2.12	RSSI (Received Signal Strength Indication)		
2.13	LAC (Local Area Code)		
2.14	Cell ID (Cell ID)		
2.15	MCC (Mobile Country Code)		
2.16	IMEI (International Mobile Equipment Identity)		
2.17	Data Received Time (Time Received by Server – YYYY-MM-DDHH:MM:SS)		

Land Transport Regulatory Authority (Application of Vehicle Tracking System)
GN. NO.21 (Contd.)

S/N	Compliance Statement/Technical Specification	Indicate whether Comply or Not Comply	Remarks (if any, Evidence or explanations on how the compliance will be achieved or not)
2.18	Data process time (time insert into database –YYYY-MM-DD HH:MM:SS)		
2.19	MSG_ID (Unique data running number-64bits)		
3.0			
3.1	Movement/logging (default)		
3.2	Engine ON		
3.3	Engine OFF		
3.4	Speeding		
3.5	Hash Braking		
3.6	Hash Turning		
3.7	Hash Acceleration		
3.8	Panic Button (Driver's Side)		
3.9	Internal battery low		
3.10	External battery disconnected		
3.11	Excessive Idle		
3.12	Accident		
3.13	Panic Button (passenger side)		
3.14	Device tempering		
3.15	Black box data logging		
3.16	External power voltage		
3.17	Device internal battery voltage		
3.18	Fuel data report		

THIRD SCHEDULE

(Made under regulations 4(1), 5(g) and 8(3))

FEES

S/N	Description	TZS	US \$
1	Application fee	100,000	50
2	Approval fee	5,000,000	5,000

Dodoma,
15th December, 2023

MAKAME MNYAA MBARAWA,
Minister for Transport