CSE TELEMATICS SDN. BHD.

Results validity is from **May 2026** onwards.

A. BASIC FEATURES

#	Items	Minimum Requirements (I)		Score	Additional Requirements 1 (II)	Score	Additional Requirements 2 (III)	Score
1	Trip History Data	Min. stored month	3 months	✓	>3 months to 1 year	–	More than 1 year	✓
2	Real-time Tracking	Yes	Available	✓				
3	Map	Source	Closed source	✓	Open source	–	Open source with latest update	✓
4	Geofence	Yes	Radius geofence	✓	Polygon geofence	✓		
5	Geofence Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓
6	Vehicle Status	Yes	Parked, Driving, Idling	✓				
7	Engine ON / OFF Detection	Yes	System alert	✓	Report available	✓		
8	Overspeed Detection	Yes	Available	✓	Report available	–	Configurable	✓
9	Overspeed Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓
10	Built-in / Offline Memory	Min. mins	Last 15 mins	✓	>15 to 60 mins	–	> 60 mins	✓
11	Backup Battery	Min. hours	1 hour	–	>1 to 24 hours	–	> 24 hours	✓
12	Sim Card Network	Yes	2G	✓	4G fall back 2G	✓	Roaming	–

For any related inquiry, kindly email to:
✉ **cvu@miros.gov.my**

A. BASIC FEATURES (cont'd.)

#	Items	Minimum Requirements (I)		Score	Additional Requirements 1 (II)	Score	Additional Requirements 2 (III)	Score
13	Device Connectivity Support	Yes	4G	✓				
14	Device Multilingual Support	Yes	English	✓	Other language	✓		
15	User Manual	Yes	English	✓	Other language	–		
16	Warranty Period	Yes	Min. 12 months/ based on subscription	✓	> 12 months	✓		
17	Customer Service	Min. operation hours	Mon – Sun: 0900 – 1900 (Local)	✓	24 hours, 7 days per week	–	Physical Control Centre Available	✓
18	OS Compatibility	Yes	Web	✓	Apps	–	Mobile View	✓
19	Trip Report	Yes	Coordinates, Local time zone, Speed	✓	Driving duration, rest duration	✓		
20	Data Transmission Interval	Yes	1 minute	✓	30 second to <1 minute	–	< 30 seconds	✓
21	Harsh Acceleration	Yes	Available	✓	Report available	–	Configurable	✓
22	Harsh Acceleration Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓
23	Harsh Braking/Crash Detection	Yes	Available	✓	Report available	–	Configurable	✓
24	Harsh Braking/Crash Detection Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓

B. ADDITIONAL FEATURES

#	Items	Minimum Requirements (I)		Score	Additional Requirements 1 (II)	Score	Additional Requirements 2 (III)	Score
1	Tow Detection	Yes	Available	✓				
2	Panic/ Emergency Button	Yes	Available	✓	SMS / WhatsApp	✓		
3	Apps Multifactor Authentication/ Security	Yes	OTP, Security PIN	✓				
4	SOP on Technical Problem	Yes	Solved in 3 business days	✓				
5	Device Service Records	Yes	Installation, Renewal, Diagnosis, & Warranty Records	✓				
6	Driver Identification	Yes	Tracking device comes with driver ID	✓	Report (according to driver)	✓		
7	Certification	Yes	SIRIM & CE	✓				
8	Immobilizer	Yes	Available	✓				
9	Tampered Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	✓	Push Notification	✓

Note:

✓	Yes
–	No
	No requirement

Company	: **CSE TELEMATICS SDN. BHD.**
Report validity	: **May 2026 – Apr 2028**
Device name	: **FMC150**
Package	: **CSE FLEETJET**

2026	★★★★★

C. SCORE DISTRIBUTION

A. BASIC FEATURES		B. ADDITIONAL FEATURES		TOTAL SCORE
3.447	+	1.500	=	**4.95**

D. MARKING EVALUATION

Final Points	Star Rating
4.50 – 5.00	★★★★★
3.75 – 4.49	★★★★
3.00 – 3.74	★★★
2.00 – 2.99	★★
1.25 – 1.99	★

★ Assessment was conducted on 21 April 2026. Assessed and reported by MIROS (MS, AS, SS).

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PRODUCT OVERVIEW

CSE TELEMATICS FMC150, CSE FLEETJET

CSE FleetJet, developed by CSE Telematics Sdn Bhd, is a premium security and fleet management solution utilizing advanced FMC150 hardware. Designed for high-value private and commercial assets, it integrates 4G LTE connectivity with comprehensive vehicle data to ensure complete visibility and protection.

The core hardware, FMC150, is a sophisticated tracker featuring an integrated CAN bus processor. It offers high-speed 4G LTE Cat 1 connectivity with 2G fallback, enabling reliable nationwide data transmission. The device reads over 100 parameters directly from more than 2,100 vehicle models, including electric vehicles, without the need for external adapters. These parameters include fuel level, consumption, RPM, and odometer readings.

Additionally, the FMC150 is equipped with a high-precision accelerometer to monitor crash events, towing, and driver behaviors such as harsh braking or acceleration. Its advanced ignition detection combines digital input, accelerometer data, RPM, and voltage triggers for accurate trip logging. To enhance security, the device features remote engine immobilization and a backup battery that maintains tracking if the primary power source is disconnected.

CSE Telematics also offers the ScienceJet Platform—accessible via web and mobile—that provides comprehensive fleet control. It enables real-time tracking, instant telemetry updates, and detailed analytics dashboards covering fuel efficiency, EV usage, idling, and driver safety scores. Users can generate extensive reports, including accident reconstruction, and manage fleet costs related to maintenance, fuel, charging, insurance, and taxes.

The FleetJet app extends control to mobile devices, allowing push notifications for geofencing, speeding alerts, and remote security commands. Logins are available for fleet managers and drivers. CSE Telematics supports clients across Peninsular and East Malaysia with seamless installation by expert technicians, ongoing maintenance, diagnostics, and remote upgrades. A 24/7 Security Operations Centre ensures rapid response for theft recovery and crash emergencies.