

AUTONOMOUS

CONNECTED

ELECTRONICS

A AUTONOMOUS
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E ELECTRONICS

"**NovusFlow**, our industry-agnostic technology platform for integrated intelligence and mobility value delivery, monitors and accounts for potential human error, preventing or reducing the impact of the potential accidents while also enabling a change in driver's behaviour over time saving lives and assets."

AUTONOMOUS VEHICLE



AUTONOMOUS EMERGENCY BRAKE



ADAS

- Driver State Monitoring System
- Forward Collision Warning System
- Lane Departure Warning System
- Pedestrian Detection and Warning System
- Cross Traffic Alert
- Traffic Light detection
- Traffic Sign Detection
- Occupant Monitoring System
- Cabin Intrusion Detection System
- Surround View
- Blind Spot Detection & Warning System
- E-Mirror

Driver State Monitoring

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Surround View

Blind Spot Detection & Warning System

E-Mirror

AMR (AUTONOMOUS MOBILE ROBOTS)



Our autonomous mobile robot series, **NOVUS CARRY**, unlocks the incremental potential of your operations with an intelligent transfer of payloads. It is super easy to use and install, and it optimizes various work flows resulting in productivity increase and incremental cost reduction.

With our **AMR** platform, you can ensure non-stop workflows with seamless auto docking for charging and configurable maps. Carry's modular design allows the deployment of various attachments for multiple use cases like conveyors, lift tigger, etc.

ABOPT (NOVUS PALLET MOVER & STACKER)



A **driverless Autonomous MHE** for intralogistics ground to ground pallet movement from point A to point B across inbound and outbound logistics along with ground to 1mtr height pallet stacking.

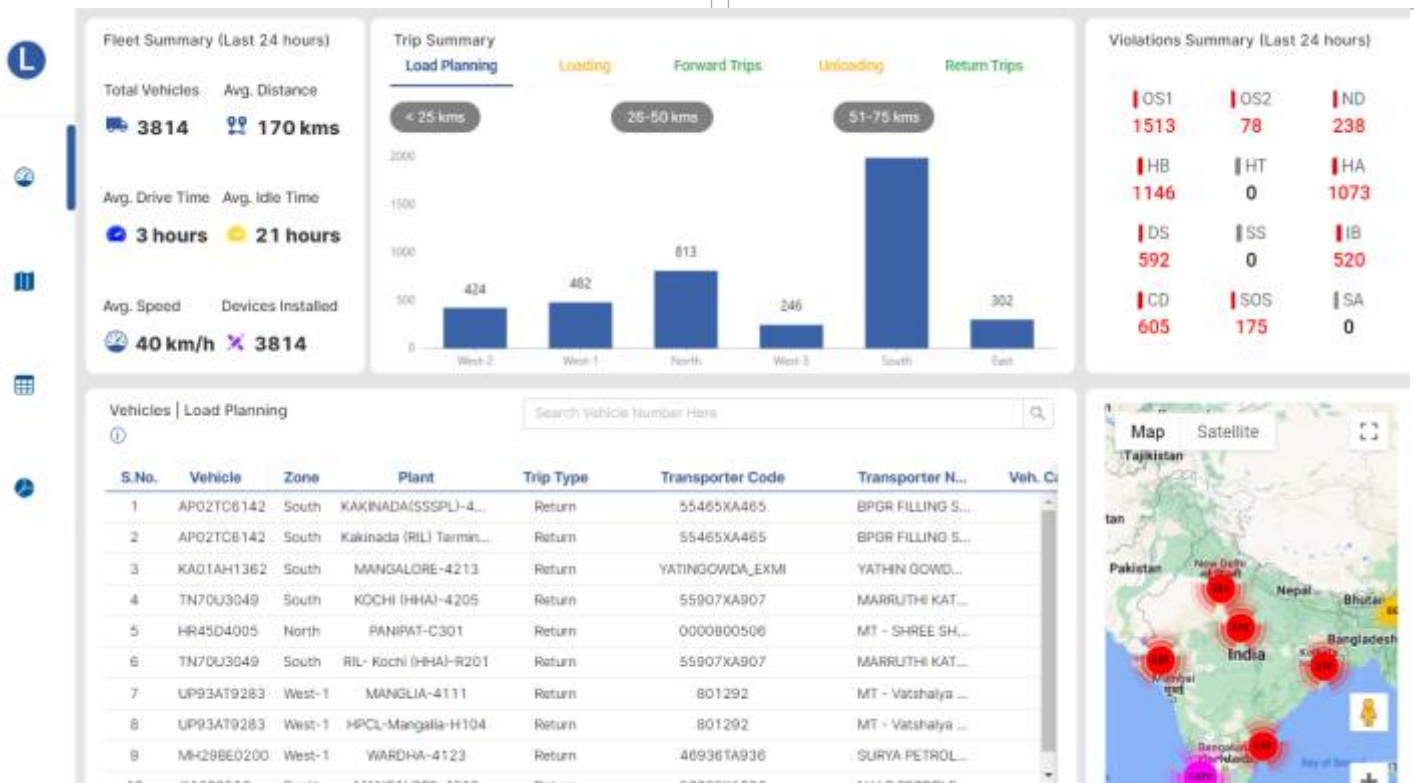
It enables you to seamlessly transform workplaces and revive operational efficiency, achieving new levels of growth and performance without compromising on safety **Novus MHE** can navigate autonomously or with human collaboration.

connected

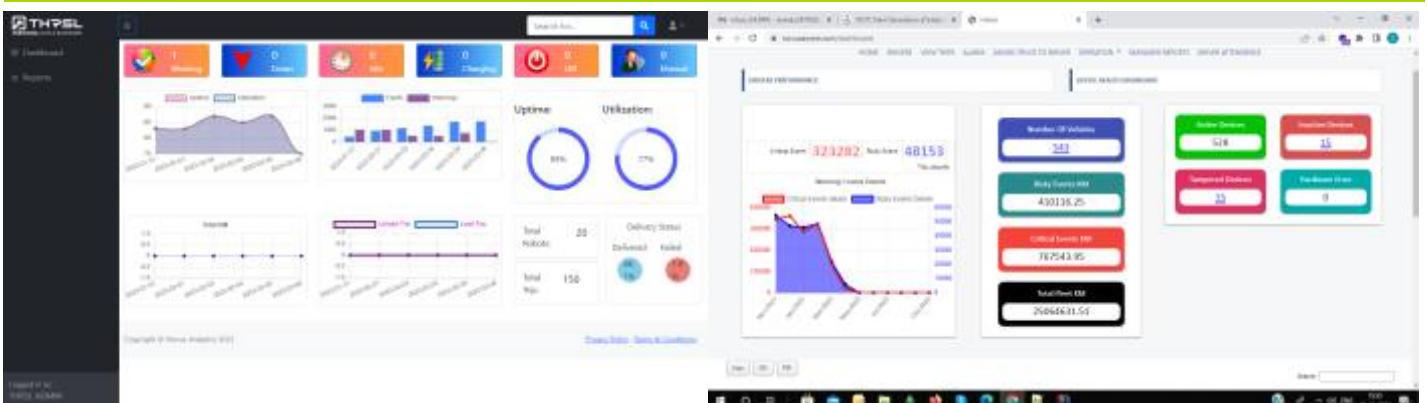
AIS-140 System



Two way voice communication



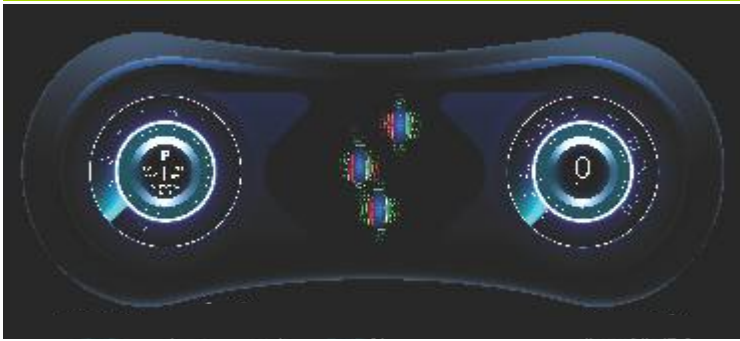
Fleet Management System



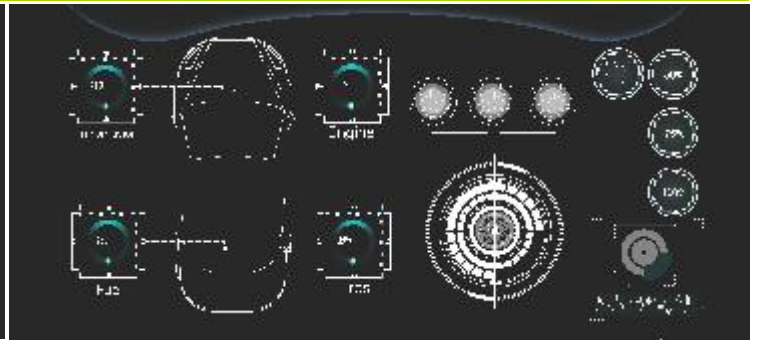
Vehicle Cloud Analytics

electronics

DIGITAL CLUSTERS



2 WHEELER



3 WHEELER

4 WHEELER

MOTOR DRIVERS

#	Voltage (V)	Current (A)
1.	48	10
2.	48	40
3.	72	50
4.	72	80
5.	200-300	80-120
6.	300-450	120-150

Details for Motor Driver

DC-DC Converters

DC-DC			
I/P V	I/P A	O/P V	O/P A
16-33	13.5	24	8
16-33	13.5	24	10
19-36	8.5	48	6
19-36	15	48	12
56-72	18	48	20

Details of DC-AC

DC Input 48V O/P 3W to 800W



Clock over **CAN**

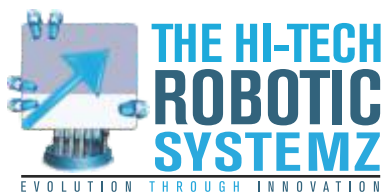
Battery Management system



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