BOSCH

Aapke Growth ka Partner, **Bosch L.OS - Logistics Operating System**

A one-stop platform for all your digital needs in logistics.



Bosch L.OS

Scale up your business with Bosch L.OS - your one-stop platform for digital services and solutions in the logistics space

Platform Features at a Glance

- All logistics services, solutions and data insights in one marketplace
- Go-to platform for increasing operational efficiency and reduced costs
- End-to-end integration of different solutions
- Reduced integration efforts into current infrastructure

Bosch L.OS Integrated Stacks for Optimal Fleet Visibility, Safety, and Efficiency

Safety Stack

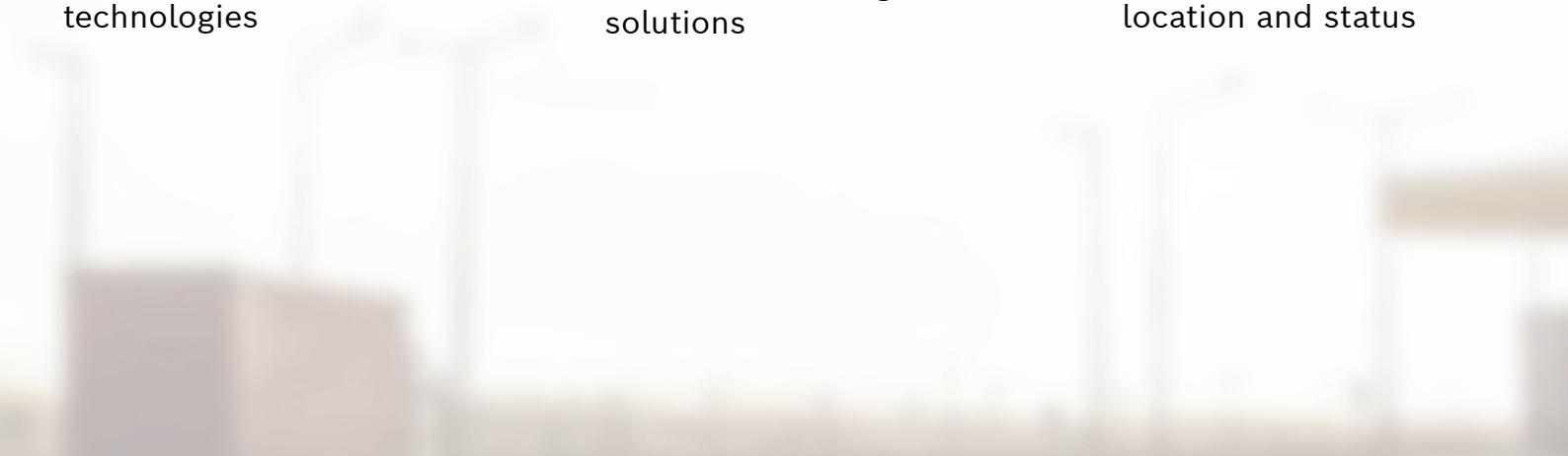
Ensure driver and vehicle safety with advanced features from Bosch L.OS. Protect your assets and personnel with cutting-edge safety technologies

TCO Stack

Optimize your fleet's total cost of ownership with Bosch L.OS. Achieve greater efficiency and cost savings through innovative tracking solutions

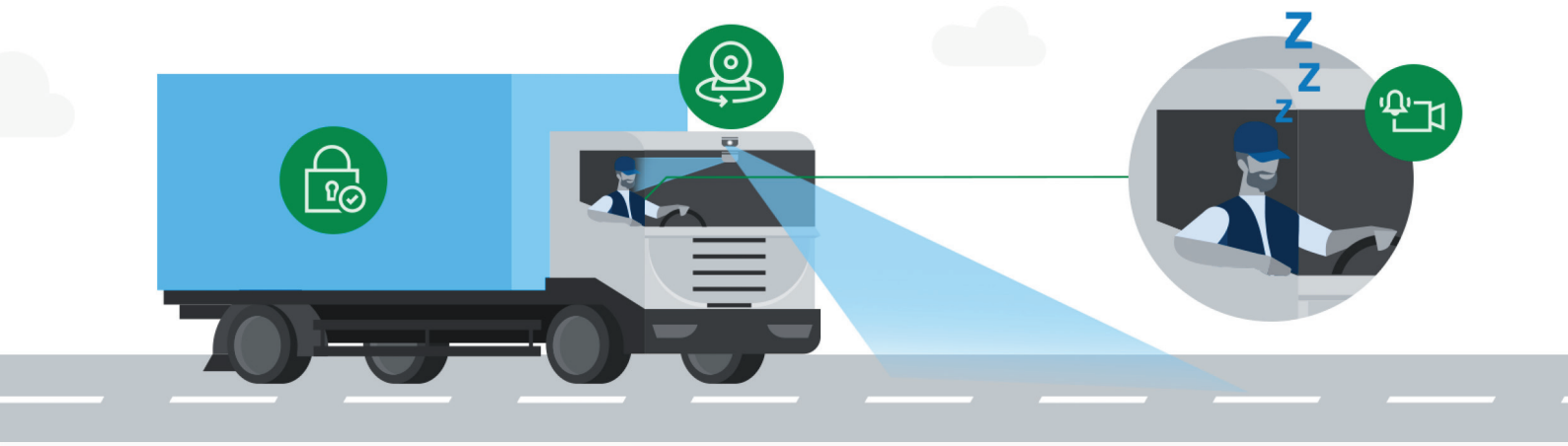
Visibility Stack

Enhance real-time tracking and monitoring of your assets with Bosch L.OS. Gain comprehensive insights into your fleet's location and status



Safety Stack

Ensure driver and vehicle safety with advanced features from Bosch L.OS. Protect your assets and personnel with advance safety technologies.



ADAS (Advanced Driver Assistance System)

Enhance driver safety with DBAI's single and dual camera systems, providing real-time alerts and assistance to prevent accidents

E-Lock

Secure your cargo with IMZ's electronic locking systems, allowing access only to authorized personnel

Vehicle Health Tracker

Monitor vehicle health, including diagnostics and maintenance alerts

Driver Behavior Monitoring

Analyze and improve driver behavior to promote safer driving practices and reduce accident risks

Devices



DBAI (ADAS)

- Real-time prevention
- High risk warnings
- Avoid driver distraction
- Raising asset productivity



IMZ (E-Lock)

- GPS
- Authorized unlock
- Tampered alarm
- Real-time monitoring
- IP67 rating
- Long battery endurance

BOSCH

Advanced Telematics Devices



AIS 140 Bharat 101 Plus 4G - Sarva

- Accelerometer & gyroscope
- IP65 rating
- CAN interface
- Long battery backup up to 4 hours
- AIS 140 certified
- 2 Analog input



AIS 140 4G UX 101 - AL

- CAN parameter data collection from vehicle
- Accelerometer & gyroscope
- Integrated USB & BLE
- Self-diagnostics of TCU for reporting internal faults over CAN



Blackbox 2G

- Gyrosensor
- CAN data availability
- IP68 rating
- Digital and analog input
- Geofencing
- Four different IP configurations



ByteBeam

- Over-the-air updates
- IP67 rating
- Fuel sensor integration (RS485 port)
- Compatibility of ADAS integration
- Driver analytics, vehicle health and load detection



Blackbox 4G

- Accelerometer & gyrometer
- Automatic accident call alert
- IP68 rating
- CAN interface

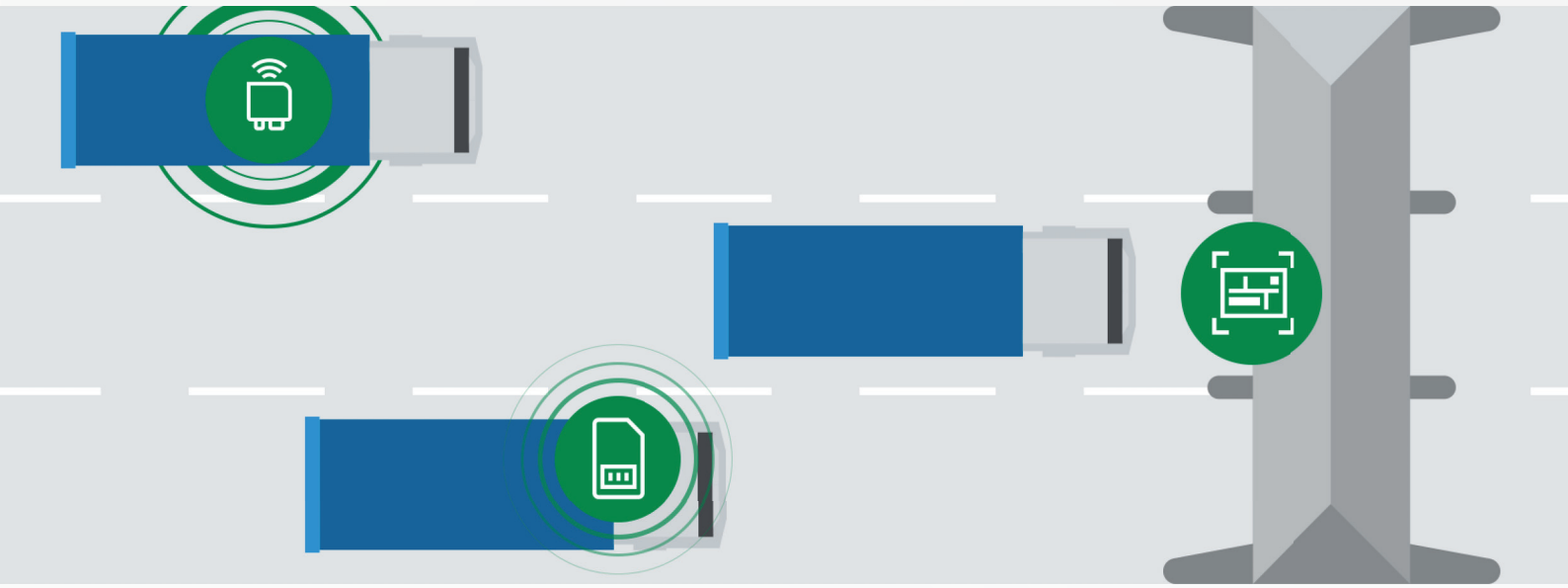


Bosch Vihaan AIS 140

- AIS 140 certified
- 1s raster speed
- Adheres to AIS 16833 specs
- Secure data communication
- Auto detection of vehicle BAUD rate

Visibility Stack

Enhance real-time tracking and monitoring of your assets with Bosch L.OS. Gain comprehensive insights into your fleet's location and status.



GPS – 4G & CAN

Equip your fleet with advanced tracking devices for real-time location and status updates

Asset Tracker

Leverage KTT Software to monitor and manage your assets within the supply chain, ensuring visibility and control over your inventory and shipments

FASTag

Utilize FASTag-based tracking and SIM-based tracking, for efficient toll management and tracking

Telematics Hardware and Fleet Management Solutions

With the available solutions and hardware of the global standard, we empower fleet management companies and logistics service providers with actionable insights.

Devices



AIS 140 2G TM 77
(with and without OBD)

- Gyrosensor
- Digital and analog inputs
- CAN data availability
- Geofencing
- IP68 rating
- Four different IP configurations



Non-AIS 140-4G-TM 88

- Fuel monitoring
- Emergency alerts
- Immobilization
- Temperature sensing



Non-AIS 140 2G FMB 120

- Accelerometer
- IP41 rating
- Bluetooth
- Digital input/output for remote monitoring



Non-AIS 140 2G FMB 125

- Accelerometer
- Bluetooth
- IP54 rating
- CAN data reading
- Dual SIM

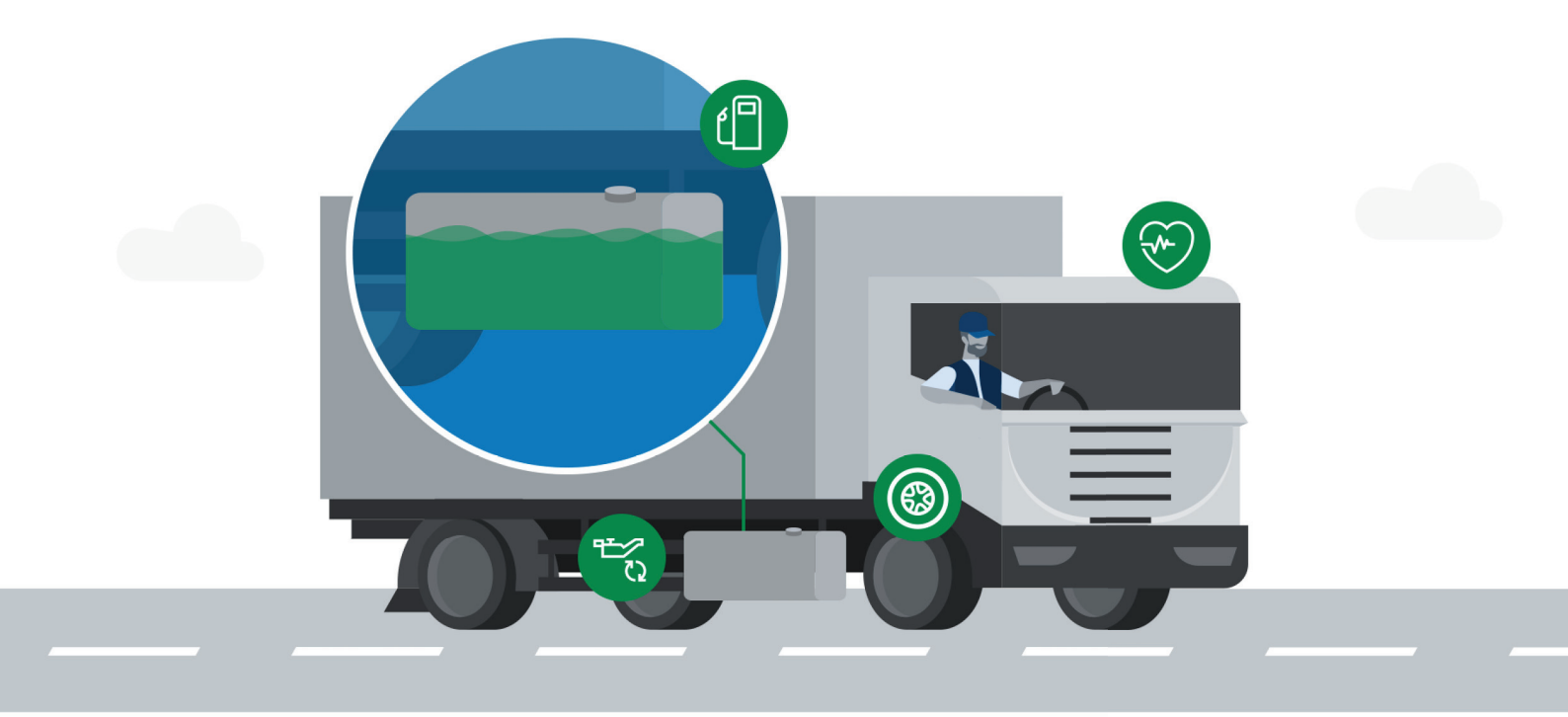


Non-AIS 140 2G FMB 920

- Accelerometer
- Fuel monitoring
- IP54 rating
- CAN data reading
- Crash detection functionality
- Bluetooth

Total Cost of Ownership (TCO) Stack

Optimize your fleet's total cost of ownership with Bosch L.OS. Achieve greater efficiency and cost savings through innovative tracking solutions.



Fuel Tracker

Monitor fuel usage and efficiency with Omnicomm's LLS4 fuel sensor, providing insights to reduce fuel costs and improve consumption patterns

Tyre Tracker

Track tyre conditions with Tyre RFID Tags and Scanners, and a mobile app from KTT, ensuring optimal tyre performance and longevity

E-Greasing

Maintain vehicle components with KTT electronic greasing solutions, reducing wear and tear

Service Tracker

Keep track of service schedules and maintenance with KTT web and mobile apps, ensuring timely servicing and reducing downtime

Sensors and Emergency Buttons



Omnicomm's LLS4 fuel sensor

- 99.5% accuracy
- Exceptionally robust
- IP69K rating
- Ultra-resistant to humidity



Tyre RFID Tags, Scanners

- Tyre wear analysis and performance reports
- Tyre preventive maintenance reminders
- Tyre life cycle management
- Tyre inventory management



Fuel Level Sensor Sterla

- Easy to calibrate
- Measurement accuracy of 99%
- Available in various sizes
- Digital measurement
- RS232 / RS485 interface



Emergency Button ACSP-703

- Emergency alerts



Panic Button

- Emergency alerts
- Multiple panic connections



E-Greasing

- Remote monitoring system
- Reduced suspension failure
- Noise-free driving
- Reduced maintenance hours

Digital Tech Stack

To efficiently discover, optimize and scale your digital operations.

IoT Software Services

Leverage our wide range and custom-built, **ready-to-use suite of mobility IoT Software Services** to enhance your business growth, focus on core features and operate more efficiently

Managed Cloud Services

Streamline your cloud management and enhance your business growth with **24/7 Managed Cloud Services** and **DevSecOps Services** to connect with worldwide customers, avoid disruption, and cost-effectively create business value

Infrastructure Reseller

Comprehensive **AWS, Azure** and **GCP Cloud Infrastructure** with enterprise support to monitor and optimize your Cloud Infrastructure on real-time basis and benefit from immediate cost savings

Benefits for Your Business

- Partner to increase your revenue potential
- Avoid multi-vendor engagement
- Reduce time to go-to-market
- Focus on core product development

And more...



Notes

Notes

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Get in touch with us:
hello.l-os@bosch.com

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to visit the website

