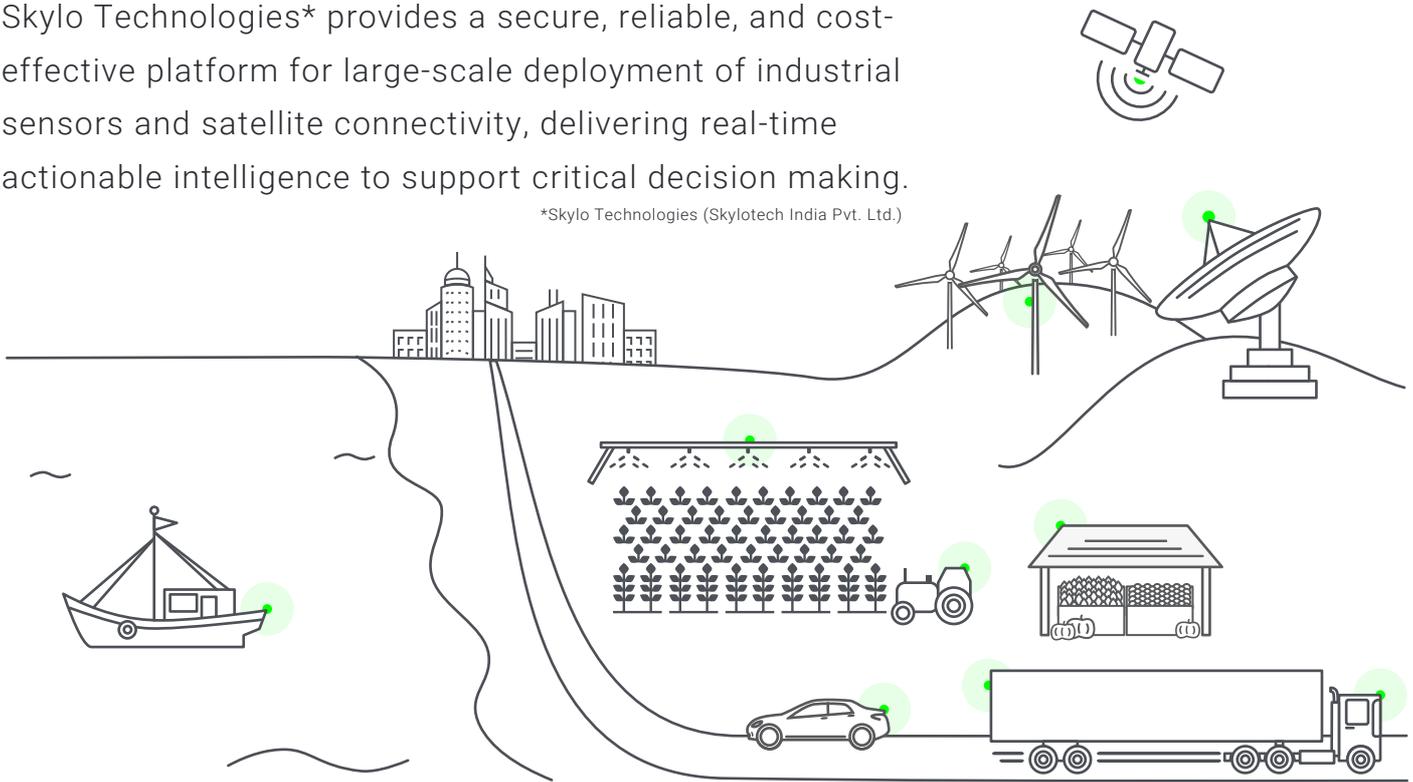# skylo

Mobilizing the world's machine data

Skylo Technologies* provides a secure, reliable, and cost-effective platform for large-scale deployment of industrial sensors and satellite connectivity, delivering real-time actionable intelligence to support critical decision making.

*Skylo Technologies (Skylotech India Pvt. Ltd.)

Cutting edge technology to connect the Internet of Things

ENVIRONMENTAL

Vibration	SAE J1455, MIL-STD-810H
Operating Temp.	Hub Transponder: -40°C to 85°C Backup Battery: -20°C to +70°C Portable Battery: -10°C to +60°C
Shock	MIL-STD-810H
Dust & Water	IP67 Compliant

ELECTRICAL

Backup Battery SKU	3000mAh
Portable Battery SKU	12000mAh
Power Consumption	<20W Transmit <5 W Receive <1W Standby
Input Voltage	9-36 VDC
External Power	M-12

NETWORK

Data Rate	20 kbps
Coverage	Pan India, USA (more coming soon)

TECHNOLOGY

Physical Size	20.32 x 20.32 x 3.3 cm
GNSS	GPS, GLONASS, Galileo, QZSS
IMU	9-Axis
CPU	ARM Cortex-M4F @ 128MHz
Data Interfaces	WiFi, BLE, RS-485, UART, I2C
Frequency Range	L Band

skylo

PRECISE LOCATION
Keep track of your mobile assets with tracking to within 3 meters.

SLIM PROFILE
Small and lightweight, the hub can be installed with minimal disruption.

SELF INSTALLATION
Our mobile application enables end users to provision hubs with no professional installation required.

MULTIPLE SENSORS
Each hub can connect to an array of Bluetooth, Wifi and RS-485 sensors.

BIDIRECTIONAL MESSAGING
Stay in contact with team members in the field with real-time text messaging.

PLATFORM API
Connect your Skylo data with existing 3rd party systems to optimize your workflow.

REAL-TIME ALERTS
Receive real-time, critical information for timely decision making.

END-TO-END SOLUTION
From the hub to visualization apps, Skylo provides everything you need to get started with your data.

SOLUTION DETAILS

- Cost-effective satellite hub for narrowband remote sensor applications.

- Real-time alerts and diagnostics for improved efficiency and safety.

- Ruggedized IP67-compliant hubs support terrestrial and marine-based applications.

- Flexible connectivity for a wide range of wired and wireless sensors.

- 2-way messaging between devices in the field and HQ.

- Precision location tracking to 3 meters.

- Battery and wired power operation.

- Link layer 128-bit AES encryption to protect all data.

HUB + NETWORK + PLATFORM

Ready to connect your business?

If you're interested in being part of the future of connectivity for the Internet of Things, then we are waiting to hear from you.

Email us at:

info@skylo.tech

Find out more at:

www.skylo.tech