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Ati

SHERPA LITE

COMPACT | NIMBLE | PRACTICAL



SHERPA LITE

Discover the compact yet powerful Sherpa Lite, equipped with three dimensional Lidar and a low-light camera, enabling safe, precise, and continuous operation in highly dynamic environments. Its configurable design makes it compatible for tugging, top loading as well as roller top application.

Automates Solution

- Dual Direction Travel
- Custom Trolley Design
- Custom Tray Attachment
- Custom Hitch
- Rollertop Attachments
- ERP Integration

Sherpa Specifications

Physical Specs

Dimension	780 x 430 x 520 mm
Weight	135 Kg
Sensors	3D Lidar and Camera
Ground Clearance	34 mm

Operation

Aisle Width Required	>1000 mm
Max speed	1.5 m/s
Turning Radius	2 m
Gradient	Upto 2%
Temperature	+5° C to +45° C
Capacity	80 Kg Payload / 200 Kg Tugging
Positional Accuracy	± 30 mm, ± 2 degrees

Battery

Type	48V NMC Lithium-Ion
Weight	8 Kg
Run Time	5 Hrs
Charging Time	2 Hrs
Capacity	18 Ah

Features



Light Conditions

Can even handle twilight and dark mode operations



Natural Navigation

No infrastructure changes needed



Swappable Battery

Enables Multiple shifts with low down time



Industry 4.0 Ready

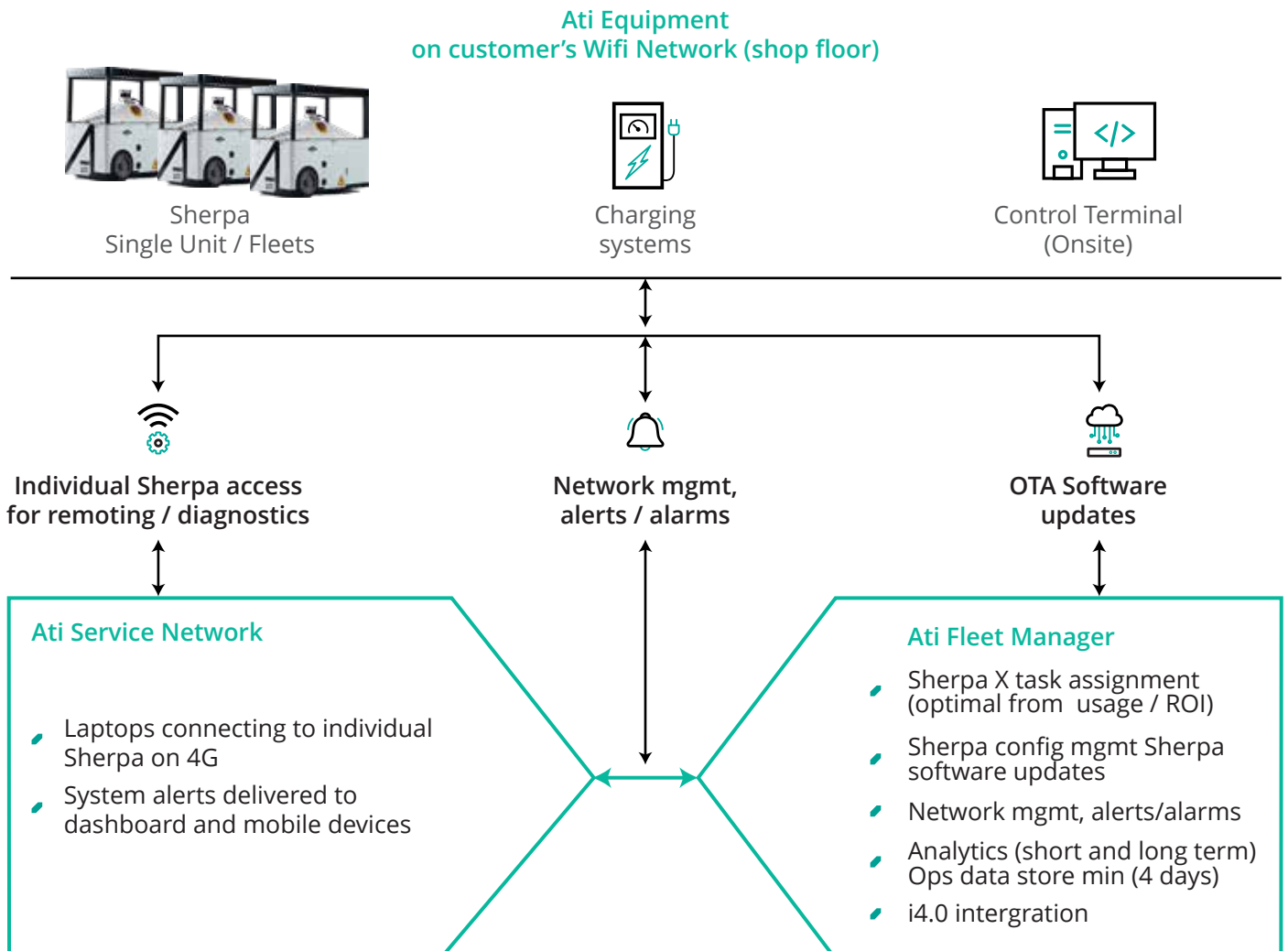
Can be integrated with Factory MIS, WMS



OTA Updates

Sherpa is constantly updated to its latest software

Sherpa Fleet Managed On Ati Fleet Manager



Ati Fleet Manager Offers

- Fleet Traffic Management
- Fleet Analytics & Scheduler
- Fleet Diagnostics

Sherpa Lite

Experience Precision and Power in Compact Design



Sensor Coverage



Autonomy Safety Compliance ISO 3691-4

India | Thailand | Vietnam | USA

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