

Ati

SHERPA XT LITE







RUGGED | ROBUST | RELIABLE



SHERPA XT LITE

Sherpa XT Lite is an autonomous, electric tug that moves trolley payloads up to 1500 Kg. Trolleys play a key role in material movement in most factories and many warehouses. Sherpa XT Lite easily integrates with existing trolleys and thus fit into workflows without any changes.

Automated Solutions

-  Auto Hitch / Un-hitch
-  Pull Force Monitoring
-  Custom Hitch
-  Obstacle Avoidance
-  Custom Trolley Design
-  Erp Integration

Sherpa Specifications

Physical Specs	LENGTH	1395 mm	55 in
	WIDTH	640 mm	25 in
	HEIGHT	1096 mm	43 in
	WEIGHT	330 Kg	728 lb
	SENSORS	3D Lidar and Camera	
	IPX RATING	IPX4	
	GROUND CLEARANCE	100 mm	4 in
Operation	AISLE WIDTH REQUIRED	> 1.5 m	59 in
	MAX SPEED	1.5 m/s	3.3 mph
	TURNING RADIUS	1.5 m	59 in
	GRADIENT	Upto 2%	
	TEMPERATURE	+5°C to +45°C	+41°F to 113°F
	TUGGING CAPACITY	1500 Kg	3300 lb
	TROLLEY TRAIN	Upto 3 Carts	
Battery	TYPE	51 V NMC Lithium-ion (Swappable)	
	WEIGHT	18 Kg	40 lb
	RUN TIME	8 Hrs	
	CHARGING TIME	2 Hrs	
	CAPACITY	55 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 MAS, WMS



OTA Updates

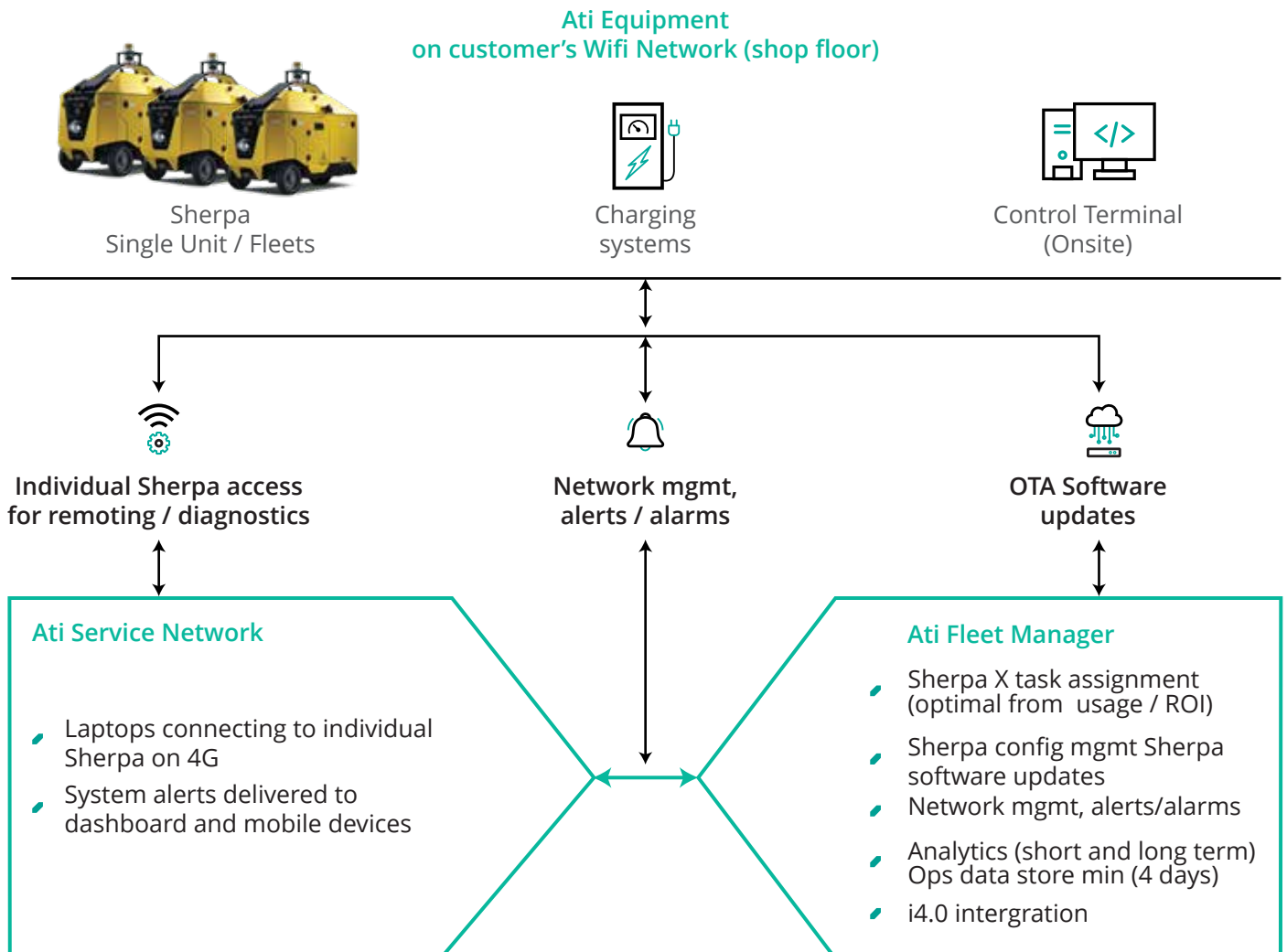
Sherpa is constantly updated to its latest software



Operation

Works Indoor & Outdoor

Sherpa Fleet Managed On Ati Fleet Manager



Ati Fleet Manager Offers

• VDA 5050

• Fleet Analytics & Scheduler

• Fleet Diagnostics

Sherpa XT Lite

Autonomous Trolley Puller



Sensor Coverage



Autonomy Safety Compliance ISO 3691-4

USA | Mexico | South East Asia | India | Europe

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