

# Autonomous Mobility

towards a SMARTER factory



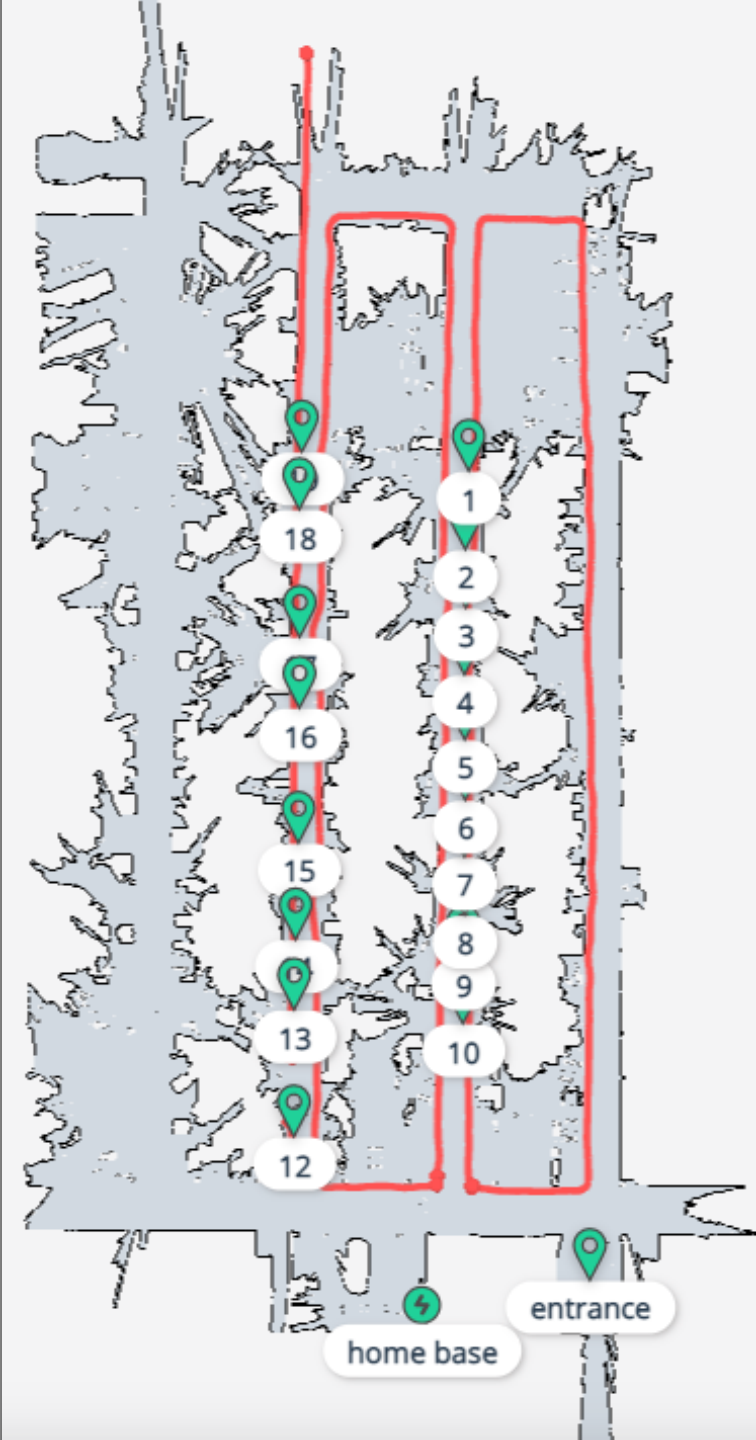
# Ride on autonomous robot to achieve Industry 4.0 use cases

## Easy to Implement

- No Markers
- No Beacons
- No requirement of factory drawings
- Auto maps factory floor to "cm" precision in hours
- Wi-Fi & 4G/5G compatible

## Use cases

- Floor Inspection
- On-premise & Remote tours.
- Parameter monitoring
- Assessments
- Video analytics
- Delivery robots




# Plant – Process Inspection

Supervisors, Quality managers login into the robot and inspect plant operations

- Quality inspection
- Industrial IoT integrations
- Build client confidence via facility tours
- Dispatch Checklist
- Emergency Management
- Supervision



# Factory Tour

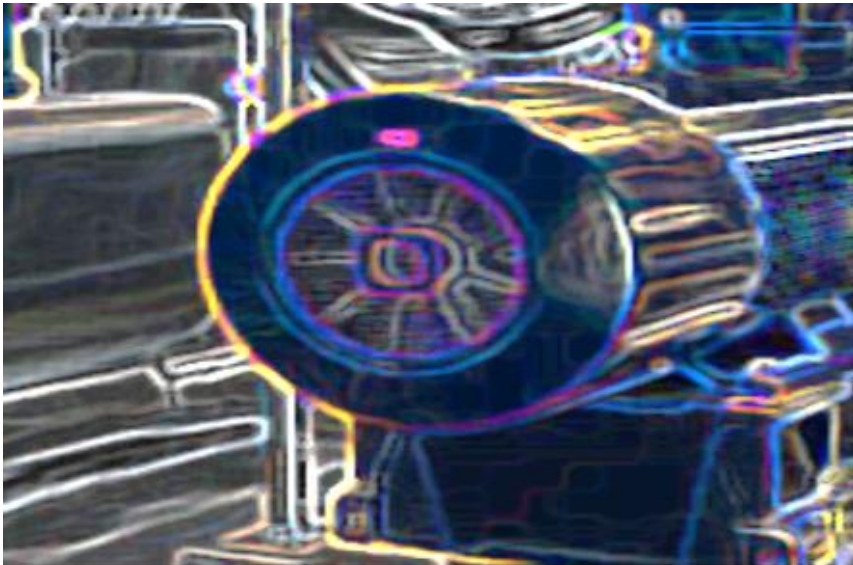


This is our A1  
stocking area  
for finished  
goods

Sales and Marketing use cases  
to showcase capabilities to  
clients

- Impress upon your visitors with robot assisted tour.
- Remote factory visits with real-time floor view and embedded multimedia content.
- Supports multiple participants.





# Parameter Monitoring Thermography

Automate thermography measurements with robot mount thermal camera

- Automate checklists by periodically scheduling the robot to conduct measurements.
- Pre-set locations/equipment to capture thermal log
- Centrally log the data for MIS
- Threshold alerts





## Parameter Monitoring

TEMPERATURE,  
RH,TVOC,LUX,SOUND

- Robot automatically monitors IAQ while making factory rounds as scheduled.
- Measure LUX around the shop floor
- Measure decibel levels for engines and equipment during quality test (eliminate need of engaging personnel with handheld meters).
- Parameter Dashboarding





**Environment Health & Safety**

## Training & Assessments

- Knowledge at POINT of NEED.
- Refresher safety briefings.
- Employee assessment on the floor with live view of the equipment to floor/process manager
- Record assessment data.



## Streaming for Video Analytics

- Live stream video for real-time analytics.
- Detect anomalies in factory environment
- Ergonomics study
- Workforce performance analysis



# Notable Success Stories



Mercedes-Benz



GE Transportation  
a Wabtec company



Reliance  
Industries Limited



COLGATE-PALMOLIVE



GlaxoSmithKline

B | BRAUN  
SHARING EXPERTISE



Johnson & Johnson

NEC



LUPIN

# GET YOUR ROBOT TODAY!



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