



NOVUS PILOT-i

**Enabling Intelligent Autonomy in
Material Handling Equipments**

-  **No Infrastructural Changes
Required for Deployment**
-  **24x7 Automated
Operation**
-  **Seamless Integration with
Third Party ERP/WMS**
-  **Safe & Collaborative Operation
Alongside Humans & other MHEs**
-  **Machine Learning Enabled For
Truly Autonomous Operations**
-  **Cloud Based Analytics For
Real-time Insights**
-  **Quick Return
On Investment**
-  **Can be Implemented In
Green/Brown Field Site**

How it works?



Collect Data for Navigation

Simply move the robot manually in the warehouse and it will create a virtual map.



Select Routes & Locations

Easily add pick-drop points on the virtual map through laptop, tablet or smartphone.



Deploy the Fleet

Integrate with WMS or ERP for a centralized control and monitoring.



Start Task Allocation

Predefine tasks using WMS or assign them manually as per operation.






Monitor & Optimise

Use Novus analytics to keep track of all activities and generate custom reports.

Powered by :



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AUTOMATE YOUR ENTIRE PALLET MOVEMENT PROCESS

Conveyor pick-up / drop



Pallet Handling



Block Storage



Racking



AUTONOMOUS | SAFE | RELIABLE

LASER NAVIGATION SENSOR

CONTROL UNIT & INTERACTIVE GUI

E-STOP BUTTONS

NOVUS JACK

PALLET POSITION AND SHAPE DETECTION SENSORS

SAFETY SENSORS

