

# Various AGV IGV AMR Proximity Detection System Area Control



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# Various AGV IGV AMR Proximity Detection System

## Area Control

- Ai Atom Proximity Detection System can block an area on the Fleet Map if Forklifts, other type of AMR, AGV, IGV or other moving objects are in a specific range.



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## Area Control

- The detection system has two main parts:
  - One part is fixed – it is installed in the perimeter of the area we want to control.
  - The other part is mounted in the Forklift(s), other type of AMR, AGV, IGV or other moving objects are in a specific range



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## Area Control

- When the detected object is in the proximity (this range can be changed based on the environment and conditions on the shopfloor) the area can be controlled so that no other robots will enter there while the detected objects are in proximity.

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## Area Control

- Power adapters:
  - For the fixed part – is coming with a convenient 220v power adapter
  - For the moving part – it can be connected from 9V to 48V

