




# Yale Reliant™ Collective Detection CD

Yale Reliant is a robust technology suite designed to reinforce lift truck operating best practices and support operator awareness.

**Collective Detection (CD)** combines Advanced Dynamic Stability (ADS), Proximity Detection (PD), and Object Detection (OD) to create a robust operator assistance package. Yale Reliant CD utilizes both 2D LiDAR sensors and ultra wideband (UWB) technology to identify potential obstacles.

The system is governed at a maximum speed of 5 mph; when the system is active, it will bring the vehicle to a controlled crawl speed of 1.5 mph. Utilizing speed requirements helps improve operator and pedestrian awareness while keeping the operator in control of the lift truck.

Yale Vision™ wireless monitoring level 1 is required when ordering Yale Reliant.

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## BENEFICIAL USE CASES



### Advanced Dynamic Stability (traction & hydraulic controls)

ADAPTIVE SPEED CONTROLS

ADAPTIVE FORK & LOAD CONTROLS



### Collision avoidance assist

TRUCK-TO-TRUCK ASSIST  
360° field of view

TRUCK-TO-OBJECT ASSIST  
within path of travel, forks trailing

TRUCK-TO-PEDESTRIAN ASSIST  
360° field of view



TRUCK-TO-BEACON ASSIST  
360° field of view