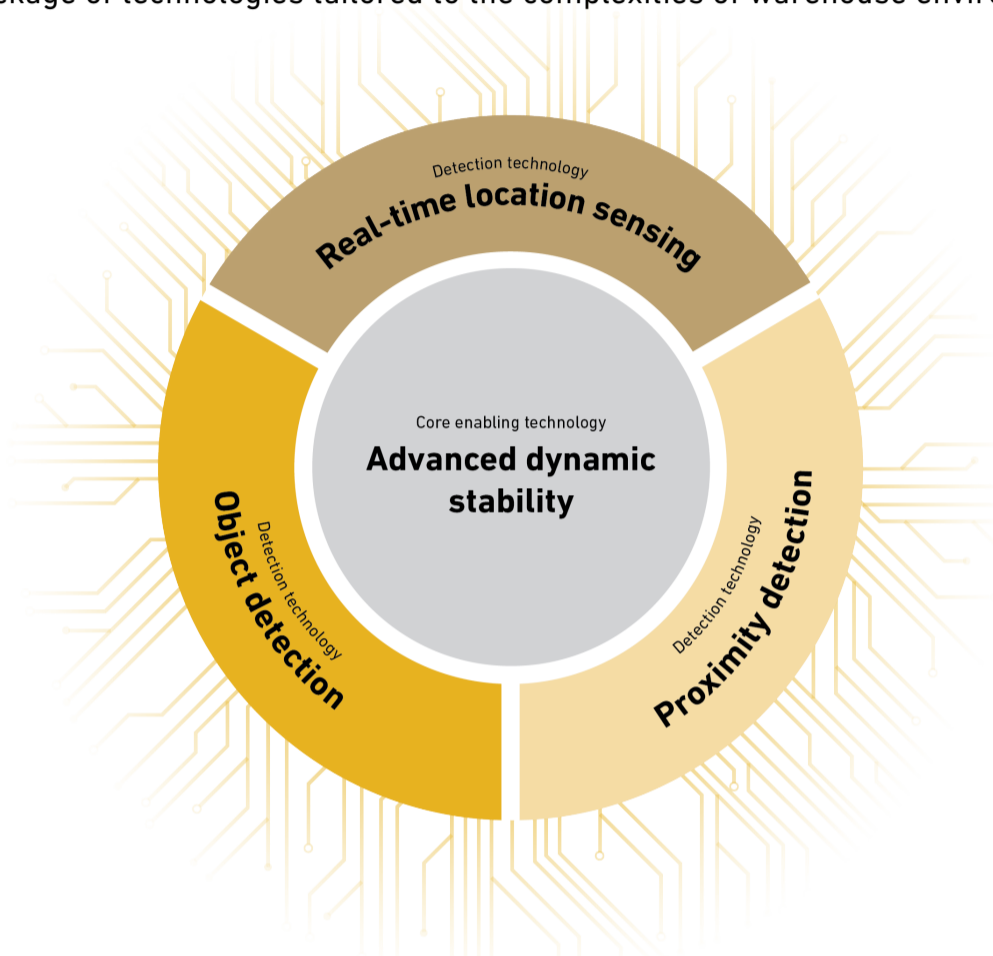


Yale Reliant technology suite



Yale Reliant™ is a tool for supporting lift truck operator awareness and adherence to best practices, issuing dynamic alerts and initiating lift truck performance reduction based on facility-specific rules, while leaving the operator in ultimate control of the equipment.

The solution continuously analyzes truck performance and operating conditions through a robust package of technologies tailored to the complexities of warehouse environments.



Advanced dynamic stability (ADS)

The core, proprietary technology of Yale Reliant, ADS continuously gathers inputs from the three detection technologies to implement performance adjustments to travel speed, acceleration and hydraulic functions based on site-specific rules and in a way that does not upset truck stability.



Proximity detection

Uses ultra-wideband tags connected to equipment, personnel and facility infrastructure to provide real-time proximity detection that triggers operator alerts and proactive performance adjustments, such as speed reduction to maintain proper following distance behind equipment or help safely navigate around pedestrians.



Real-time location sensing (RTLS)

Uses the same ultra-wideband network as proximity tags and adds beacons setup throughout the facility to determine real-time location within sub-meter accuracy and enable location-based rules like equipment exclusion zones and end-of-aisle slowdown.



Object detection

Uses lidar technology to detect objects in the path of travel – even if the obstruction is not connected to the tag-to-tag mesh network, such as pedestrians or equipment without Yale Reliant technology, or debris like a stray box or pallet.

To learn more, visit us at [yale.com](https://www.yale.com).