

Case Study: Mitigating Collisions on Forklifts

Problem: During operation of a 3.5T forklift in a cement production plant, forklifts occasionally collide with rows of packed bricks, the impact can cause the stack to collapse or be pushed onto a fellow forklift operator in the parallel row, thus causing serious injury and damage.

Solution: APS was approached to provide a solution to assist with operators visibility in blind spots and provide an audible alert when reversing. A single sensor, 7" monitor with camera system was proposed. APS was involved from the system configuration and installation process; to training of the operators to ensure competency, operation and maintenance of the radar system.

Goal: To achieve a safer work environment for the forklift operators and reduce potential of incidents recurring. The solution implemented has exceeded the clients expectations, no further incidents have occurred since implementation, testament to the solutions success is this system has been installed to over 50% of the fleet and the remaining forklifts are scheduled to be installed by mid 2022.

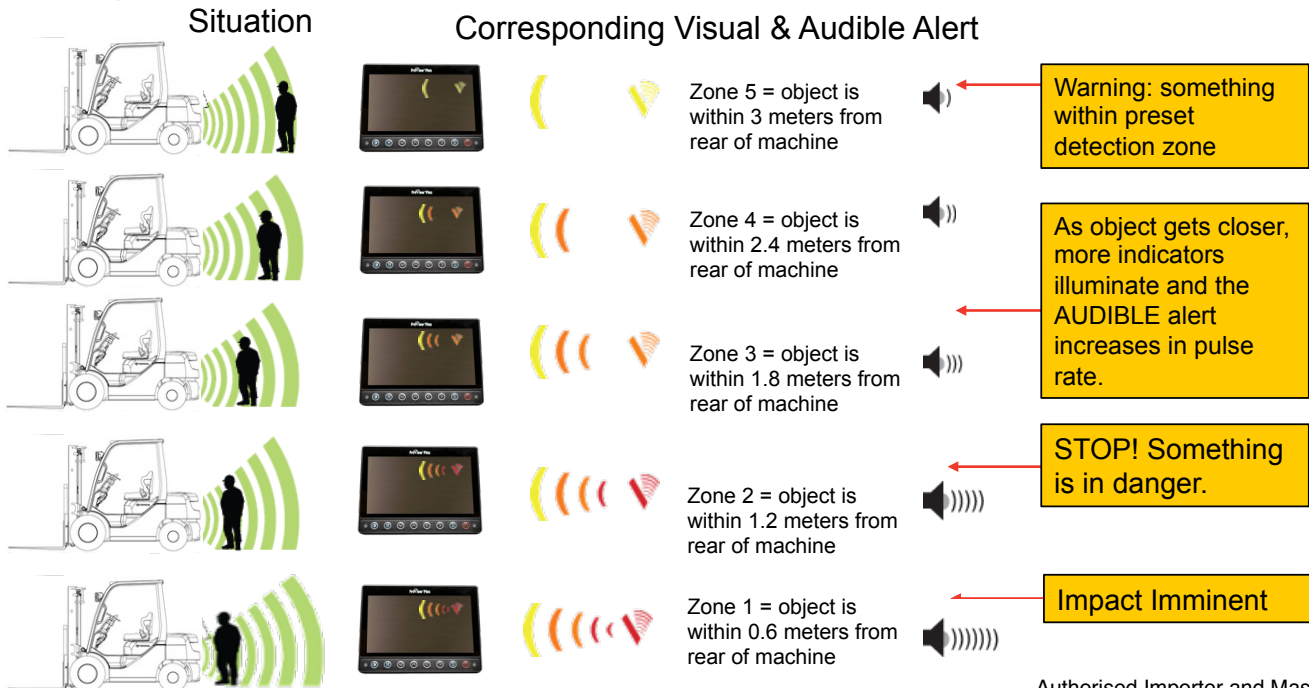
Feedback from National operations team has been exceptional. They were extremely pleased with APS expertise and on & off site technical support.

[Contact your local APS representative](#) to discuss how we can tailor a solution to meet your needs.

Note** The situational awareness indicator was provided to the operators of the forklifts to offer an easy understanding of the audible and visual capabilities of the system.



Situational Awareness Indicator 3m detection zone



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