

Indoor oil tank inspection drones, eliminating hazardous human inspections, improve efficiency by 85% and save cost up to 80%

## Problem

Pain point 1: **Poor safety**



Pain point 2: **Low efficiency & High Cost**



TOTAL TIME= 7 DAYS      TOTAL COST= S\$110K

## Solution



## Technology

**Technology 1:** Autonomous navigation (No Pilots required & can function in GPS-less indoor environment)



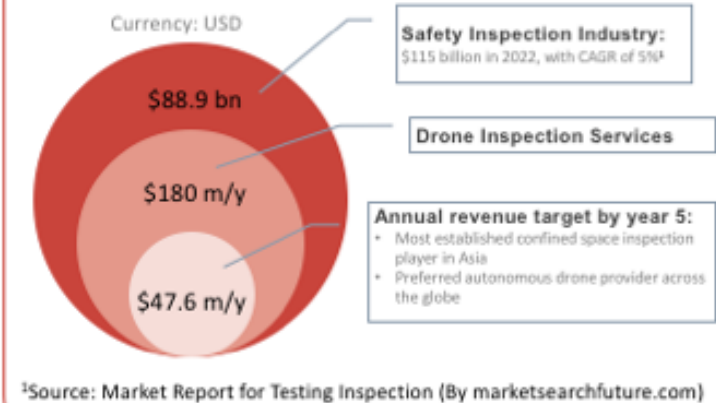
**Technology 2:** Real time surface defect identification (Alert inspectors reviewing live footages)



**Technology 3 (In development):** Thickness measurement of tank walls through Non-Destructive Testing (NDT)



## Market

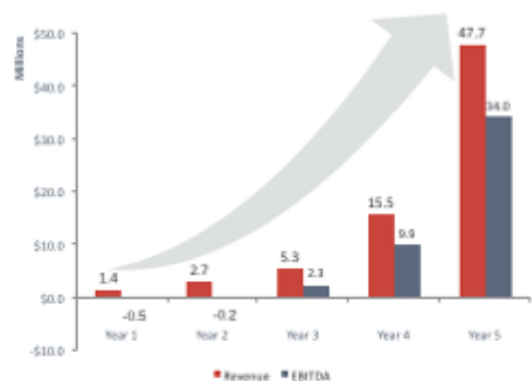


## Competition

ALT delivers superior performance in terms of safety and efficiency as per competitor's analysis table below:

	Indoor Autonomous (No Pilots)	Function Indoors (Without GPS)	Obstacle Avoidance	Real-time surface Defect Alert
	Save on scaffolding	Ultimate Safety	Low Maintenance Cost	Faster inspection
<b>ALT</b>	●	●	●	●
Manual Drone	●	○	○	○
AI Drone	●	●	●	○
Conventional	○	○	○	○

## Financials



Assumptions: Capture 26.5% of drone inspection market share by Year 5. Introduce drones with NDT capabilities in Year 3

