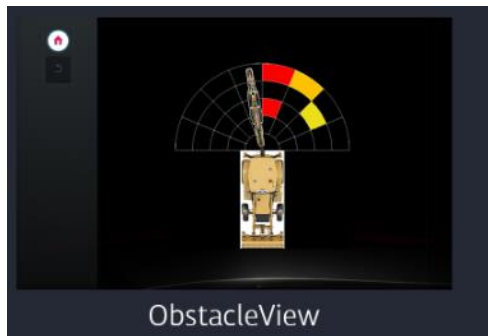


# Hazard Detection in Excavation Site

## OVERVIEW

Hazard detection in the excavation site identifies the presence of obstacles in the path of the excavator's arm. It adds an extra layer of protection by identifying the threat near the excavator's arm and prevents a collision with objects in the environment. It gives a warning which alerts the operator and aids in decision making.



## BENEFITS

- Approaching obstacles alert while the excavation is in progress.
- Avoids collision due to unnoticed obstacles.
- Visual map showing the position of obstacles in the excavation area

