

# VISION BASED TERRAIN MAPPING AND VISUALIZATION

## OVERVIEW

The Vision-based terrain mapping visualization feature uses the 3D terrain mapping technology to assist the operator in deciding/ managing the machine operations such as choosing the task to be done, monitor its progress and validate the job completion. The feature could be enhanced to assign, monitor and manage these tasks from a remote location.

## BENEFITS

- Monitor the work progress with out external aid.
- Reduces the time it takes for the operator to monitor and validate the task.
- Remote monitoring of job progress and validation.
- Avoid physical site markngs by incorporating the task blueprint.

