

Introducing our 'Asset Lens' accelerator

Computer vision-based solution to detect defects on key utility assets

Objectives

- Increase number of inspections completed per unit time
- Reduce inspection cycle time
- Improve defect detection rate

1. Bulk upload images for AI based defect detection



2. Model automatically identifies defects like rust, cracks, alignment etc. on assets

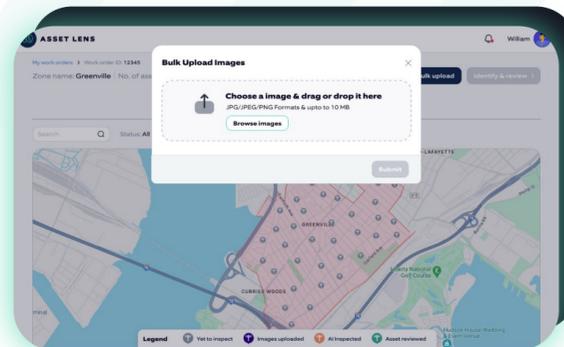


3. Review defects to understand the severity and create work orders for maintenance



Our solution

Transform asset management with our machine vision- based inspection platform – enhancing precision in defect detection, predictive maintenance, and quality control through advanced object recognition and real-time analytics



Proposition



Eliminate manual inefficiencies



Higher accuracy of operations



Higher field-force productivity

Success story

Nagarro partnered with a USA based utility services company to develop a solution that automates structural assessments using images and videos, thus reducing inspection time and costs while optimizing asset maintenance workflows.

Curious to know more? Contact energyutilities@nagarro.com