Automated CCTV Inspection Reviews

Wastewater overflows, risk to public health, subsidence and environmental degradation are just some of the potential consequences for the community caused by inadequate data on the condition of underground wastewater pipes.

Many Utilities spend over $100,000 per year collecting inspection footage from their underground wastewater pipes, but time-constrained engineering departments are unable to review it to ensure all defects are picked up. Further, pipes are often only inspected and condition assessed once in 50 years, compared to the best practice of once in 10 years, exposing the community to increased risks and impacting the accuracy of Long Term Financial Plans for these buried assets.
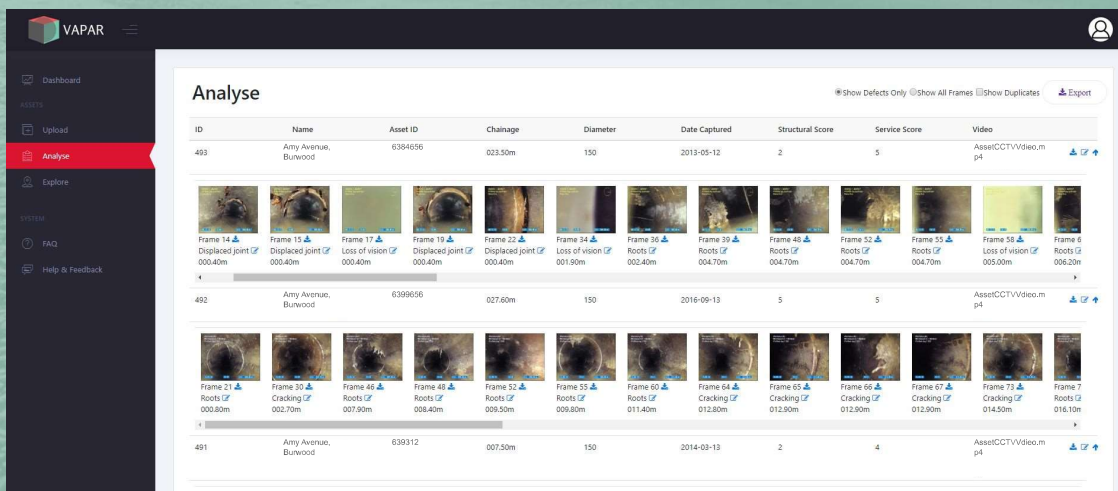

Because the data is not collected often, it is important that it is reviewed in its entirety.

VAPAR's web platform provides an automated way to do the manual review of all CCTV inspection footage using machine learning.

We turn a 2 week process into 2 minutes.

This allows Utility engineering staff to quickly understand the location and condition of their assets to prioritise repair works faster.