

AI-Powered Sewer & Manhole Assessment

Pallon uses artificial intelligence to quickly and objectively report defects in sewer and manhole inspection footage.

Accurate



Avoid missing defects and obtain comparable data.

Fast

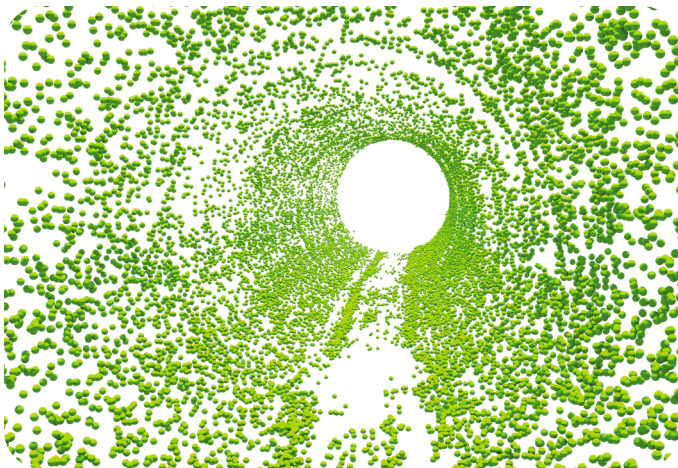


Inspect 30% more, 10x faster condition assessment.

Simple



No setup required, just upload data and share results with one click.



AI-Powered Detection with 3D Precision

Deep learning models analyze inspection data to identify over 300 defect types and subclasses. From this, we build 3D reconstructions of pipes and manholes, locating each defect with millimeter precision.

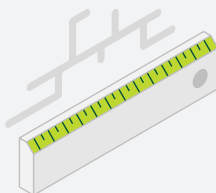
Tracking hundreds of thousands of key points, the system enables accurate reporting aligned with European and US standards. If relevant, additional information such as continuous defect, at pipe joint or connection are reported.

WHAT HAPPENS BEHIND THE SCENES



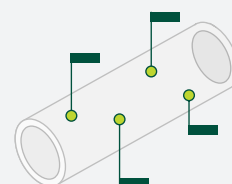
Detection

A customized deep neural network, which has been trained on millions of data points, detects observations according to the coding standard (e.g. fissure, complex).



Quantification

Neural networks and 3D vision allow us to quantify the observations whenever applicable: Height and width, intrusion length, cross-section and diameter change.



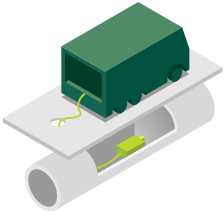
Localization

With 3D vision, we determine the longitudinal position, the circumferential position and differentiate between individual and continuous observations with millimeter precision.

Smoothly Integrated Into Your **Workflow**

No need to change how you inspect—just upload footage, and Pallon takes care of the rest.

1 Inspect



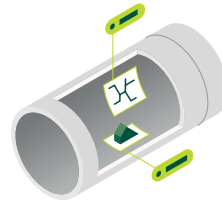
Inspect as usual, no defect coding necessary.

2 Upload



Upload the inspection footage and the corresponding metadata to our web app.

3 Analyze



Algorithms detect, quantify and localize observations in your desired coding standard.

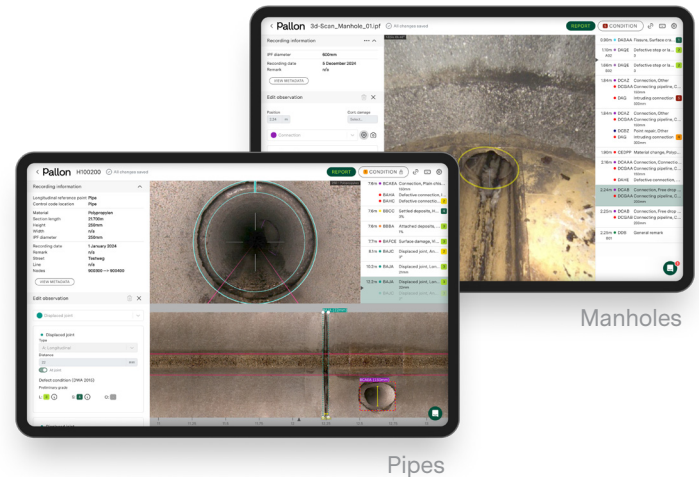
4 Share



The web app notifies when reporting, condition grading and photos are ready. Share or download your data!

Access Your Data Anywhere, Anytime

The Pallon web app securely stores your inspection data in the cloud, making it accessible anytime, anywhere. Collaborate effortlessly by reviewing and sharing footage with your team or external partners in just one click. Stay in control with customizable permissions for viewing, commenting, or editing.



Manholes

Pipes

WHAT OUR CUSTOMERS SAY

“**More precision** in budget planning.”

Dr. Agnes Janda, Gelsenkanal

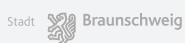
“Pallon **saves** us a great deal of **time and hassle.**”

Georges Brändle, City of St.Gallen

“The **high level of accuracy** totally impressed us.”

Simon Moos, SH Power

TRUSTED BY 200+ CUSTOMERS



Test It Now for Free With Your Own Data →

<https://www.intermntnsales.com>