



## Permanent Camera inspection

Strukton Rail is continuously looking for innovations that bring better and safer solutions for working on the track. One of those innovations is inspection using permanent cameras.

### Traditional method

Traditionally the track is inspected by a team of people who inspect visually whether the track and the points are in good condition and safe enough for trains to run on. The train service needs to be interrupted for those inspections.

### The new situation

Strukton Rail has developed a method using cameras to monitor the state of the infrastructure, if necessary 24 hours a day, 7 days a week. Camera installations are operational in Amsterdam and Almere among other places.

The cameras normally focus on preconfigured components of the infrastructure, but manual control is also possible if closer inspection should be needed.

The images captured are linked to and recorded in a central database, and inspected later by a specialist.

### Benefits of permanent camera inspection

- Improved infrastructure reliability, availability and efficiency
- Fewer train service interruptions
- Less failures
- Increased safety for personnel
- Continuous monitoring of the infrastructure, 24 hours a day, 7 days a week
- Data may be compared over long periods by storing images in a database

