

CASE STUDY

Rail Network maintenance and upgrade



WHY APPLUS+?

The Applus+ team have a wealth of experience and knowledge in the rail inspection industry. They offer flexibility and availability which sets them apart from competitors.

OBJECTIVES

Non-destructive testing (NDT) of railway tracks is highly visual and is much more trustworthy using people than virtual inspection methods. This requires a highly trained team to inspect burnouts, splits and cracks on the track across Perth, Western Australia. The Applus+ team verify track integrity and not just the welding which involves inspecting half a meter on either side of the track. All contractors are required to work at nighttime to reduce risks associated with working on the tracks.

SOLUTION

The Applus+ team provides Inspection uniformity; a high level of inspection that's consistent. They provide a multi-disciplined service, a one-stop shop of expertise and knowledge with modern advanced digital equipment enabling high quality, trustworthy inspections that reduce operational risk and cost.

BENEFITS

1 RISK REDUCTION
Reduced risk of fatality due to proactive approach. Also, operational risks reduced.

2 CONTINUOUS IMPROVEMENT
Applus+ continuously monitor and improve skills and equipment to align with changes in Australian standards, code, and calibration block. Using the same experienced team members to build trust and rapport.

3 REDUCED COSTS
Proactive inspection is less costly than reactive as damage costs are much higher to fix.

4 INNOVATION
Applus+ continuously upgrade inspection techniques and equipment.

OVERVIEW

Company: John Holland
End market: Infrastructure Railway

KEY METRICS



15KM

of track inspected and replaced



25

pedestrian crossings renewed



10

level crossings replaced.