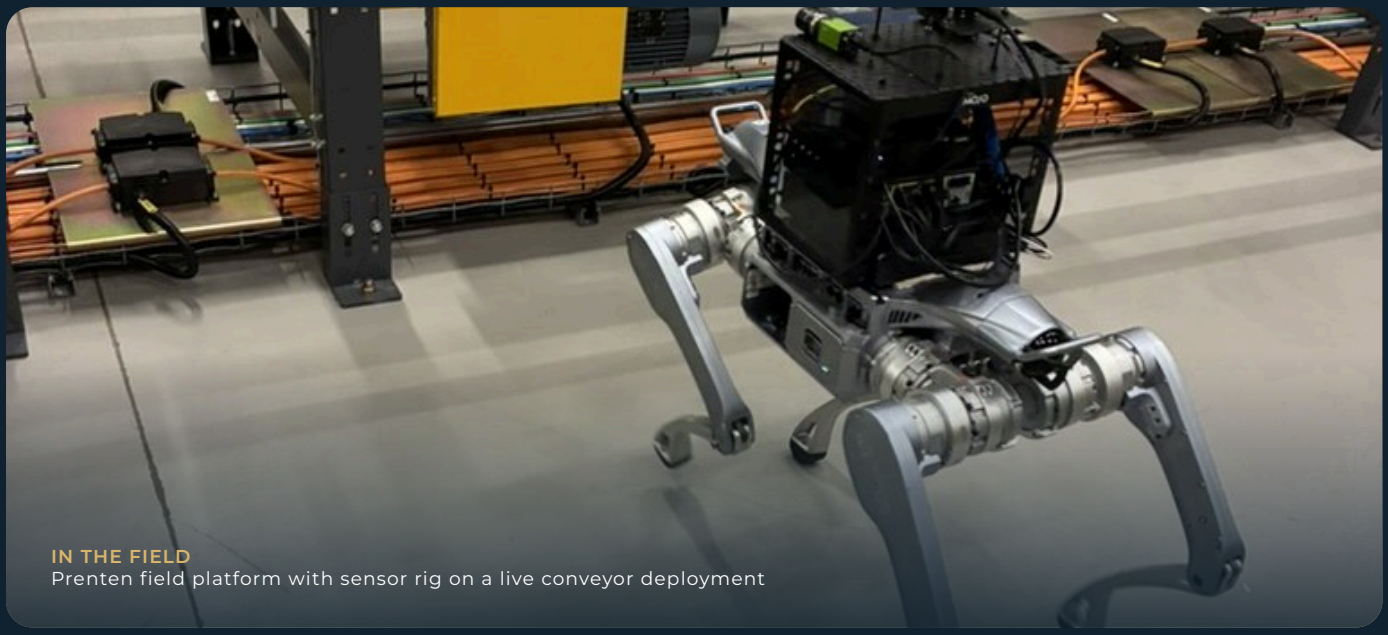
PRENTEN
ROBOTICS

CAPABILITY STATEMENT
2026 | Australia

Physical AI for **industrial sites.**

Robots capture the site. Our physical AI turns it into decisions.



IN THE FIELD
Prenten field platform with sensor rig on a live conveyor deployment

Most sites operate without reliable ground truth. Decisions on progress, condition and safety are made on incomplete, out of date information.

Prenten Robotics closes that gap. Any robot, whether legged, tracked, wheeled or humanoid, carries the Prenten Rig: LiDAR, cameras and sensors with an onboard mobile data centre. Our physical AI fuses every sensor stream into a current 3D record of your site, and every round detects change, condition and risk against the last.

THE PROBLEM ON SITE

- → Walkthroughs and photo sets that never line up
- → Aerial surveys that miss detail at ground level
- → People exposed to hazardous areas to collect data
- → Hazards and compliance gaps found too late
- → As builts and floor plans missing or out of date
- → Filling the gaps is slow and expensive

01
Capture
Robots run repeatable routes across your site, collecting LiDAR, 360° imagery and sensor data at ground level, round after round.

02
Understand
Our physical AI fuses every stream into a live 3D model and flags change, condition and hazards against the previous round.

03
Deliver outcomes
As built digital twins, inspection and condition reports, and safety, compliance and maintenance evidence, ready for your teams to use.

NOW DEPLOYING WITH Daifuku • Connect Sydney • Abbot Point Bulk Terminal

Proven capabilities for complex sites

WHAT WE DELIVER

1

360° site imagery

Complete ground level imagery captured on every round, giving every stakeholder a visual record of the site without a walkthrough.

2

Point cloud generation

High density LiDAR point clouds of structures, plant and terrain, delivered in formats your engineering and BIM teams already use.

3

Progress verification

Repeatable capture on approved routes shows exactly what has been built, installed or changed since the previous round.

4

Model to site deviation analysis

Captured conditions are compared against design models so deviations are found early, before they become rework.

5

Safety and compliance inspections

Robots inspect against regulatory requirements and your own asset standards, entering hazardous areas first and recording conditions, defects and hazards as time stamped evidence.

6

Quality assurance

Objective, time stamped evidence of condition and workmanship to support handover, audit and maintenance decisions.

CAPABILITY 7

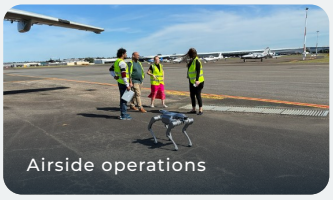
Build a private, living 3D record of your site

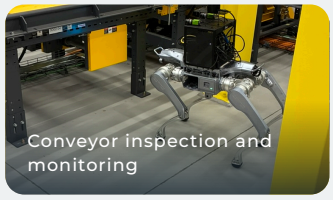
Every mission adds to a 3D model built for your site alone. Routes and capture standards are reused, so each round is faster and better informed than the last, giving you a trusted record of what changed, where and when.




Fire and rescue


Stormwater tunnels, pits and culverts


Airside operations


Conveyor inspection and monitoring

Industries we serve

- Construction
- Industrial & Energy
- Mining
- Power & Utility
- Manufacturing
- Urban Operations
- Fire & Rescue
- Federal & Defence
- Transport & Aviation

Ways to engage

Day missions	A robot and operator on site for a defined scope. The fastest way to see the workflow on your assets.
Proof of concept	A structured trial on priority areas with agreed outputs and success measures.
Annual licence	A deployed robot on repeatable routes, building your site model with every round.

CONTACT

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