



Dialog's Robotics division can provide the World-Leading Boston Dynamics legged and wheeled robots for Australian organisations use cases. Specialising in the Spot 4-legged robot solutions.

Key Clients

Snowy Hydro - An Australian hydroelectrical utility is exploring the use of robotic surveys of the water catchment areas in the Snowy Hydro Scheme. Using legged robotics in place of human risk for dangerous mountainous environments.

Queensland Police - A pilot is being established with the Queensland Police Service in the Counter-Terror and Intelligence section, providing a robotic operational ISR capability.

Key Partners

- * **Boston Dynamics** - Provision of the Spot Robots and BD payloads
- * **Google AI** - Artificial Intelligence Vision APIs integrated with Spot Optics
- * **FLIR Systems** - Thermal and Infra Red vision payloads for Spot
- * **Trimble** - Geospatial and GNSS payloads for Spot
- * **Velodyne Lidar** - Lidar and mapping solutions for Spot
- * **DB25 Compatible Components** - Extensibility of the platform



Capability

Dialog Information Technology was the Launch Partner for Boston Dynamics in Australia and New Zealand. Capable of providing the first commercial versions of Boston Dynamics robots to organisations in the ANZ region. We demonstrated these robots at the opening of our Victorian Innovation Centre in 2017, and are proud to explore Proof of Concept demonstrations with the Spot robot from Q2 in 2020.

Dialog can arrange a POC and assist you with discovering the appropriate use cases that are fit for purpose with the Spot legged robots.

Unique Experience

Dialog has a strong history with integrating Artificial intelligence capabilities on emerging technology platforms like the Boston Dynamics Robots. We were the first to develop Vision AI through Google Glass Enterprise, and can assist ANZ organisations with unique applications on the Boston Dynamics robots. We are keen to discuss your requirements, and can explore constraints and possibilities with the payloads for this robotic platform.

Accreditations

The Boston Dynamics robots have met many certifications and standards for use in commercial operations. These include IP54 for environment protection, and has met the needs for hot work and gas risks in mining environments.

The Dialog Robotics Practice Head and Principal Consultant have NV2 Top Secret clearances and can work with Security/Police Services on classified use-cases.

Contacts

To speak with the Head of the Robotics Practice, please feel free to contact:

Glenn Irvine - Head of Cloud and Emerging Technologies

glenn.irvine@dialog.com.au or **1800 491 820**

or speak with your Dialog Group Account Executive and they will arrange an initial consultation to discuss your interest or use case.