



FIREHAWK

LASER DIRECTED ENERGY WEAPON

FIREHAWK is an Australian Laser Directed Energy Weapon project co-developed by Rheinmetall Defence Australia (RDA) and QinetiQ Australia.

AUSTRALIAN INNOVATION

FIREHAWK builds upon the Australian scalable high power laser optical chain developed in collaboration between the Defence Science and Technology Group (DSTG) and QinetiQ, incorporating best-in-class technologies from Germany and the United Kingdom.

SOVEREIGN CAPABILITY

Delivering a novel sovereign solution aligned with the Australian Defence Force's unique requirements, FIREHAWK establishes a distinct operational advantage underpinned by the systematic Australian transfer of technology across all systems.

FUTURE FOCUSED

FIREHAWK is designed to drive and sustain long term sovereign capabilities and the critical uplift of Australian domestic LDEW production capabilities.

KEY FEATURES

Mission	C-UxS, Critical Infrastructure Protection
Target Groups (UxS)	Groups 1, 2, 3
Power (kW)	Information available on request
Range (kms)	Information available on request
Size	20ft ISO 668 containerised
Brightness on Target (w/cm²)	Information available on request
Independent Operation	24 hours
Interoperability	Nations: Australia, Coalition Protocols: Sapient, COT, ASTERIX Projects: LAND 156, AIR 6500
Transportability	Land relocatable via the ADF HX77 network
Technology sources	Australia, United Kingdom, Germany