

Defence Materiel Organisation

PRIORITY INDUSTRY CAPABILITY INNOVATION PROGRAM FUNDING RECIPIENTS ROUND ONE: Financial Year 2011-12

Reference Number	Recipient	Suburb	State	Post-code	Project	Approval Date	Expected completion Date	Value (GST Inclusive)
2012-01-ADA	Australian Defence Apparel Pty Ltd	Bendigo	VIC	3550	<p>Armour Technologies Commercialisation and Expansion Project</p> <p>The project's aim is to commercialise a new suite of armour technologies to expand ADA's capacity to manufacture high quality armoured products at a cost that is competitive in the global market.</p> <p>Priority Industry Capability supported:</p> <ul style="list-style-type: none"> • Combat Uniform and Personal Equipment 	24/05/2012	31/12/2016	\$4,400,000.00
2012-02-C4i	C4i Pty Ltd	South Melbourne	VIC	3205	<p>SwitchplusNG – integrated network centric Command and Control (C2) Communications</p> <p>SwitchplusNG is a fifth generation end to end internet protocol based voice and data communication system. The project's aim is to develop and enhance a number of sub systems (Communications Simulator, High Availability Communications, Multi-Domain Secure Interface Units and Multi-Purpose Gateways) under the SwitchplusNG program.</p> <p>Priority Industry Capability supported:</p> <ul style="list-style-type: none"> • 'High End' systems and 'System of Systems' Integration • Through-life and real time support of mission critical and safety critical software • In-Service Support of Collins-Class Submarine Combat System 	24/05/2012	31/12/2013	\$2,406,224.70

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2012-03-CEA	CEA Technologies Pty Ltd	<i>Hardware and Software:</i> Fyshwick	ACT	2609	CEAFAR Phased Array Radar Land Environment Transition Project The objective of this project is to transition CEAFAR Active Phased Array technology from the Maritime to the Land environment and establish a Multi Mission Radar hardware platform that is able to support: Air-Surveillance, Air Traffic Control, Weapon Location and Ground Based Air Defence.	24/05/2012	28/02/2014	\$2,821,434.00
		<i>Mechanical Engineering:</i> Adelaide	SA	5000	Priority Industry Capability supported: <ul style="list-style-type: none"> • High Frequency and Phased Array Radars 			
2012-04-CIR	Cirrus RTPS Pty Ltd	Surry Hills	NSW	2010	Sensor Association and Fusion Engine (SAFE) SAFE is a technology that addresses a core problem with sensor and/or combat systems that track contacts; how to determine which sensor measurements associate to which (if any) tracks, and which sensor measurements associate to background clutter. SAFE is designed to use internal algorithms that have a much lower computational impact than those algorithms traditionally used for this “track association” problem in combat systems.	24/05/2012	30/06/2014	\$516,562.75
					Priority Industry Capabilities supported: <ul style="list-style-type: none"> • Acoustic Technologies and Systems • Through-life and real time support of mission critical and safety critical software • In-Service Support of Collins-Class Submarine Combat System 			

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2012-05-MIC	Micreo Limited	Eight Mile Plains	QLD	4113	<p>Fast-turning Wideband Synthesiser</p> <p>The project's aim is to commercialise a new high performance frequency synthesiser with sub-microsecond switching speed and excellent spurious suppression across an output frequency range of 2-20 GHz.</p> <p>Priority Industry Capabilities supported:</p> <ul style="list-style-type: none"> • Electronic Warfare 	24/05/2012	31/10/2013	\$167,977.15
2012-06-QUI	QuintessenceLabs Pty Ltd	Acton	ACT	0200	<p>Virtual Zeroisation Storage and Management System for Military Information Platforms</p> <p>The project's aim is to significantly improve the anti-tamper capability of stored data through the implementation of a system which is always active and does not rely on reactive or physical countermeasures. The data is in effect protected before a tamper event even occurs.</p> <p>Priority Industry Capabilities supported:</p> <ul style="list-style-type: none"> • Anti-Tampering Capabilities • 'High End' systems and 'System of Systems' Integration 	24/05/2012	31/12/2014	\$1,160,840.45
2012-07-SEC	Secure Systems Pty Ltd	Balcatta	WA	6021	<p>Secure Portable Anti-Tamper Data Storage Solutions</p> <p>The project seeks to develop the next generation of portable Silicon Data Vaults that will be able to store and protect Top Secret data yet allow handling as a 'For Official Use Only' device; or protect Secret data yet allow handling as an Unclassified device.</p> <p>Priority Industry Capabilities supported:</p> <ul style="list-style-type: none"> • Anti-Tampering Capabilities 	24/05/2012	16/01/2013	\$465,428.15

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2012-08-SEN	Sentient Vision System Pty Ltd	Port Melbourne	VIC	3207	<p>Automated Target Detection and Cueing System for Remote Weapons Stations</p> <p>The project will develop automated target detection capability for Remote Weapons Stations (RWS). By analysing the imagery from the long-range and battlefield sensors of the RWS, the proposed Automated Target Detection and Cueing system will give significantly enhanced capability to RWS operators increasing its effectiveness.</p> <p>Priority Industry Capabilities supported:</p> <ul style="list-style-type: none"> • Infantry Weapons Remote Weapons Station 	24/05/2012	30/06/2014	\$582,316.35
2012-09-SON	Sonartech Atlas Pty Ltd	Macquarie Park	NSW	2113	<p>Sonix Sonobuoy Architecture and Acoustic Processing Modernisation</p> <p>The project's aim is to modernise and extend the capabilities of the Sonix System which has applications for Maritime Ranging and Surface Ship ASW and Torpedo Defence.</p> <p>Priority Industry Capabilities supported:</p> <ul style="list-style-type: none"> • Acoustic Technologies and Systems 	24/05/2012	30/06/2014	\$799,651.60