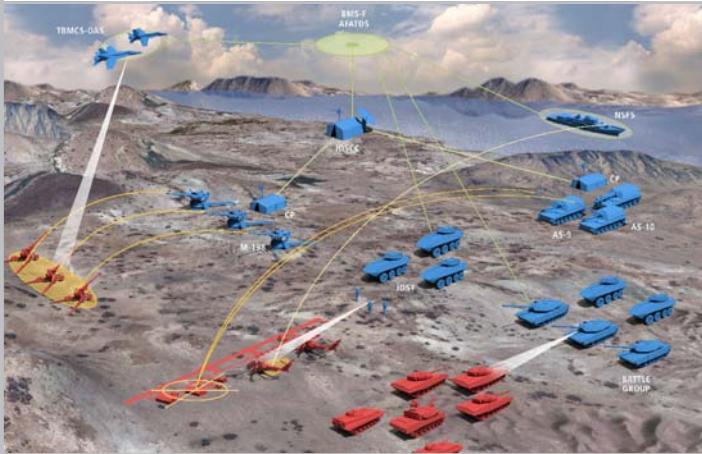


## Artillery Replacement Program (Land 17) Supporting the hardened and networked Army



The Australian Army's Land 17 Artillery Replacement Program seeks an integrated artillery solution incorporating command and control (C<sup>2</sup>) systems, new and upgraded platforms and the ability to fire precision munitions.

### The artillery challenge

The core challenge facing artillery is unchanged. Potential targets must be found and reported; information must be processed to identify an effective, safe and appropriate response; and targets must be engaged until the desired results are achieved. What has changed is the complexity of the operational environment. Targets need to be engaged more quickly and more accurately than ever before and they need to be engaged from protected platforms; Command and Control (C<sup>2</sup>) arrangements must interface with the broader Army and Australian Defence Force C<sup>2</sup> and joint fires environments; and engagement options must include high rates of fire for extended periods as well as single rounds with pin-point accuracy and devastating effect over long ranges.

### An integrated system solution

Raytheon Australia has established international teaming arrangements and engaged Australian industry to develop an integrated system solution based on:

- Integrated command and control arrangements through the proven Advanced Field Artillery Tactical Data System (AFATDS) currently in service with US forces;
- Proven data and voice communication systems and proven Joint Offensive Support Team (JOST) hardware and software;
- High levels of crew safety through the use of modern appliqué and integrated armour;
- The Samsung AS-9 self-propelled 155mm howitzer incorporating a highly capable weapon management system (WMS);

- Tailored training and simulation systems and support; and
- Integrated Logistics Support (ILS) over the life of the program.

### Risk reduction

Raytheon recognises that integration is a key area of program risk and the major contributor to program success. Raytheon Australia's solution minimises risk by using in-service components and its proven performance as a Mission System Integrator (MSI) across complex Australia Defence Force (ADF) programs.

Raytheon's solution maximises Australian industry involvement in acquisition and support while drawing on the production capacity of a major regional partner.

Raytheon Australia is a wholly owned subsidiary of Raytheon Company (NYSE: RTN). Raytheon Company, with 2006 sales of US\$20.3 billion, is a technology leader specialising in defence, homeland security and other government markets throughout the world.

With a history of innovation spanning 85 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission support services. With headquarters in Waltham, Mass., Raytheon employs 73,000 people worldwide.

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