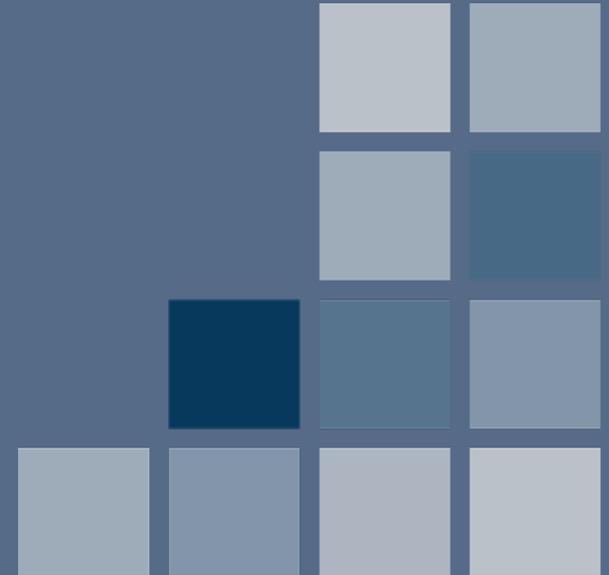




AFP

AUSTRALIAN FEDERAL POLICE

Technical Solutions for Major Events



Who are we?

- The Australian Federal Police (AFP) is the national police of Australia
- The AFP investigates crime against the Australian Commonwealth including:
 - Terrorism
 - Drug trafficking
 - Child Abuse
 - High Tech Crime
 - Fraud
 - Aviation law
- Provides community policing to Australian Capital Territory and external territories.
- Provides International capacity-building, monitoring and peacekeeping missions through the International Deployment Group (IDG).

The AFP's role in security

- The AFP provides security for people and property throughout Australia, including:
 - the Governor-General;
 - the Prime Minister and other ministers;
 - diplomats and foreign officials;
 - defence establishments;
 - Airports;
 - sensitive nuclear storage facilities
 - Witness protection, and
 - Special events

AFP Technical Support



- High Tech Crime Operations (HTCO),

and

- Forensic and Data Centres (FDC)





Attendance: 40 World leaders
Her Majesty The Queen
1800 delegates and media

Location: Hyatt Coolum, 150 Hectares Golf Course / bush

Environment: Original conference Brisbane Oct 2001, postponed
due to heightened risk assessment

Mission: ensure a safe and secure CHOGM



Considerations

- Restriction on number of physical security staff that could be deployed
- Large site
- Multi agency
- Short time period to deploy

Approach

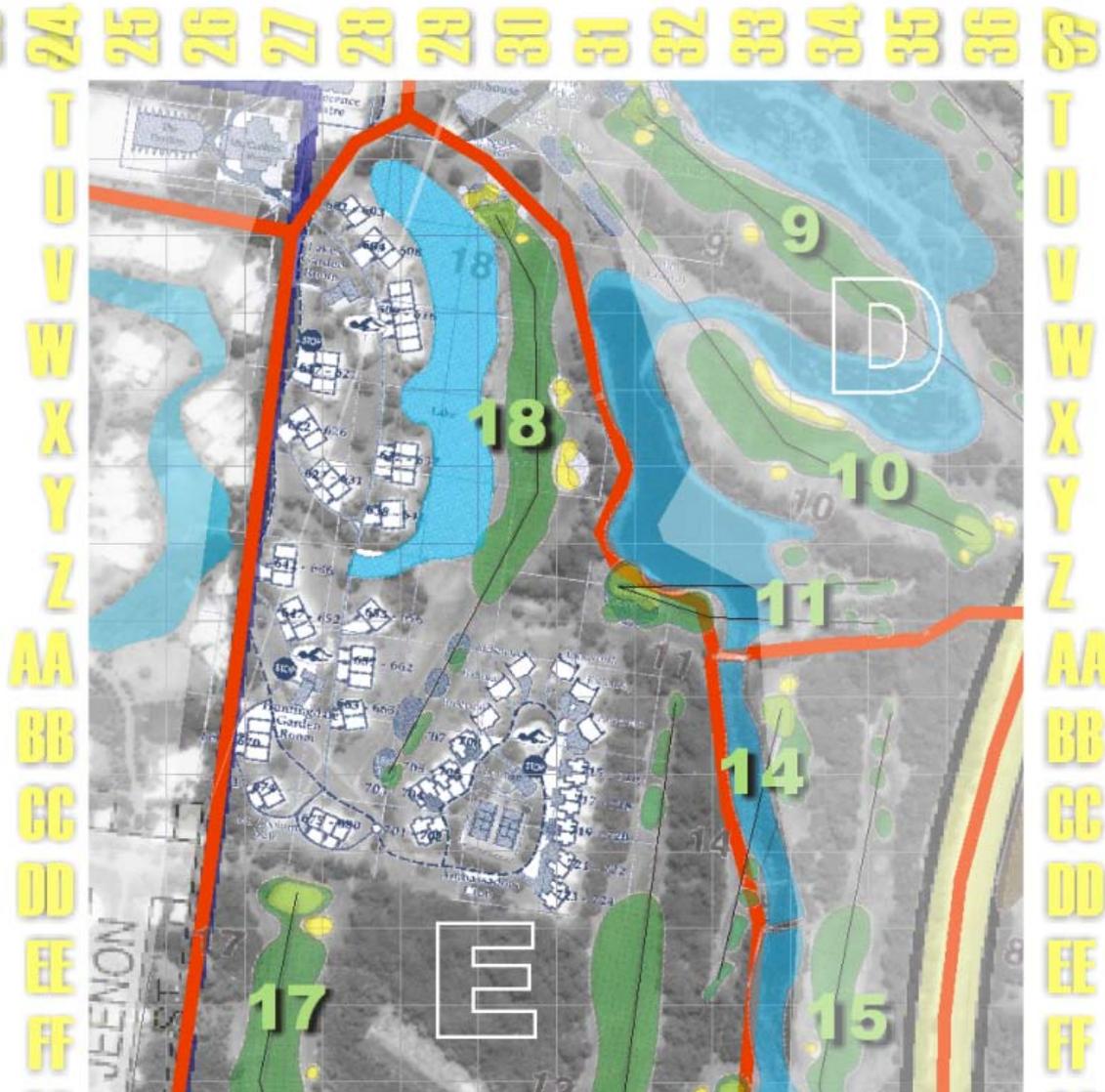
- Utilise whole of government resources
- Harness technology for:
 - Efficiency in staff deployment,
 - Reduce training requirement, and
 - Enhance coordination
- Use of private industry & COTS technologies
- Maximise use of consultants for subject matter expertise

Technology

- Technology package known as “Griffin”
- Single monitoring platform:
 - Integrate COTS and specialised military/police system
 - Sensors- microwave, fence sensor system & remote sensors, PIR & break wire.
 - CCTV cameras & separate thermal cameras
 - Recording
 - Ease of use



GRIFFIN 1 control area at CHOGM





Fence sensor system – Commercial Off The Shelf (COTS)



Remote PIR sensor – military specialised

Outcomes:

- Estimated that GRIFFIN reduced the need to deploy an additional 500 officers to secure the site.
- Demonstrated the value of public – private partnership
- Integration of cameras, sensors, control and recording can simplify complexity and reduce training requirements
- Ensuring compatibility with industry standard ensured easy integration of existing Hyatt security systems
- GRIFFIN package heighten situational awareness of security staff
- Longer range sensors required
- Fence sensors limited





Asia-Pacific Economic Cooperation (APEC) 2007



Attendance: 21 Heads of state, 100 days of ministerial, officials-level and business-group meetings

Location: Across the entire country

Environment: Possibility of terrorist attack & public protest

Mission: "APEC 2007 will be the most significant and complex dignitary protection event in Australia's history"

AFP TECHNICAL SUPPORT

- Provide enhanced venue security in Perth & Adelaide for Ministerial meetings
- Secure Government House Sydney for APEC leaders
- Enhance security at Prime Minister Sydney residence
- Secure VIP aircraft zone Sydney airport
- Establish security facility at alternative venue site
- Enhance route security



Technical Plan: Government House Sydney

- Technical package called - "GRIFFIN 3"
- Fibre Optic Cable & power installed by contractor's at Government House.
- Sensors- microwave sensors, ground based radar, remote sensors
- Cameras- thermal/CCTV pan tilt cameras





Government House Sydney



Technical site plan Government House Sydney



GRIFFIN 3 Government House Sydney



AMP Tower thermal/CCTV cameras covering Gov House Sydney



AMP Tower camera view looking down on Government House grounds Sydney



Ground based radar & Thermal CCTV camera Government House Sydney



Remote sensor Gov House



Microwave sensors Government House Sydney



Ground based radar & Thermal/CCTV camera Gov House Sydney



Briefing on GRIFFIN system at Gov House Sydney



Kirribilli & Admiralty House Sydney

Technical Plan: Kirribilli House Sydney

- Technical package called - "GRIFFIN 3"
- Fibre Optic Cable & power installed by contractor's at Government House. Microwave links installed by technical members
- Sensors- microwave sensors, Flir Wide eye sensor, remote sensors
- Cameras- thermal/CCTV pan tilt cameras
- Ext camera positions AMP tower & Fort Denison





Technical site plan Kirribilli House



Technical Monitoring room Kirribilli House



Wide Eye FLIR sensor



Additional camera covering Kirribilli House Sydney



View of Kirribilli House from Fort Denison camera position



Equipment being unpacked

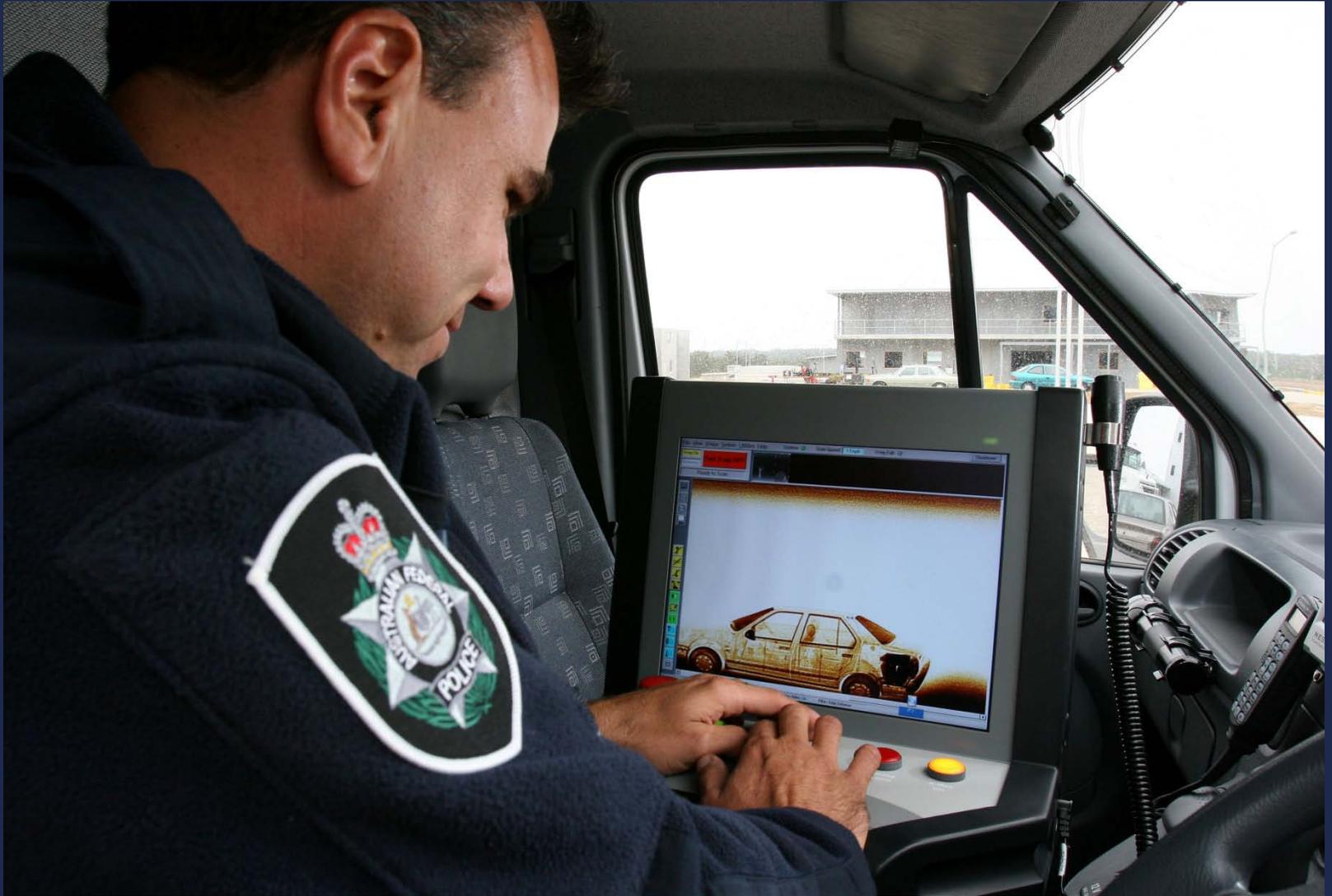
Technical Plan: Route Security

- Technical package called - "ZBV "
- Tasked to specific operational requirements and before all critical movements.
- Sensor- Back scatter X ray & radio active material sensor
- Operated by AFP technical Operation Team members











Sydney Airport VIP area

Technical Plan: Sydney Airport

- Technical package – Individual capabilities
- Fibre Optic Cable, Microwave links & power installed by technical Team members.
- Sensors- Ground Based radar & Spider optical sensor
- Cameras- thermal/CCTV pan tilt cameras





SPIDER Sensor Sydney Airport



Live video feeds from various locations back to AFP Major Incident Room.

Outcomes

- Live feeds from various sites to MIR highly successful
- Use of SPIDER at Sydney Airport highly successful, due to its passive detection capability
- Use of technology significantly reduced physical Police presence at Government and Kirribilli House. In line with government request.
- Use of ZBV capability provided significant operational efficiencies and capabilities.



Overseas Response & Assistance

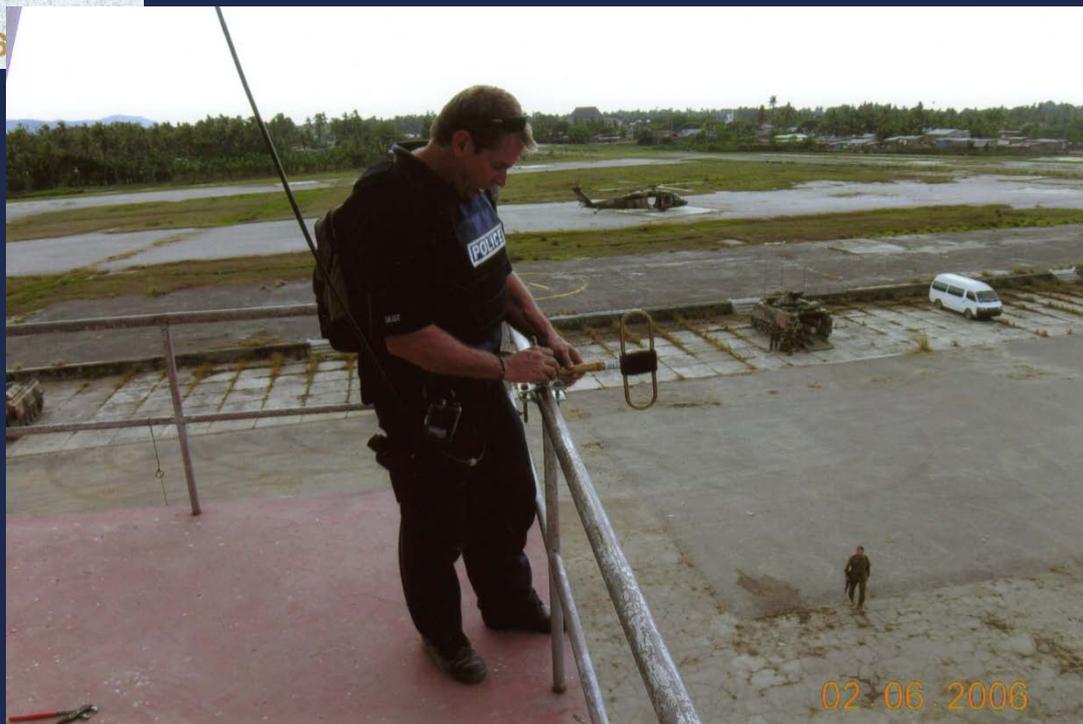
- Response to urgent request to provide force protection or assistance to other nations via technical means.















How every job ends !

Questions?

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