

Conference Presenters

<p>Brett Abraham General Manager Sigtec</p>	<p>Presentation Title - Technology Convergence in Police Vehicles. 'Enhancing Operational Capability', a UK Case Study</p> <p>Presentation Description - With the uptake of new crime fighting technology used in Police vehicles, the demands for vehicle space and power resources is an ongoing challenge. This challenge can be overcome through a fully integrated software and hardware solution that delivers enhanced operational capability as demonstrated in Merseyside Police, Cheshire Police and Greater Manchester Police Forces in the UK.</p> <p>Biography - Brett has been the General Manager of the Sigtec Critical Communications Division that specializes in the Public Safety domain since 2007. Formerly he was the Chief Technisyst and Brett has over 10 years experience in delivering mission critical mobile data solutions in the Public Safety operational environment.</p>
<p>Kevin Aide Technology Architecture and Strategy Security, Government & Infrastructure Division Intergraph, Canada</p>	<p>Presentation Title - An Enterprise Service Bus for Public Safety and Security Systems Interoperability</p> <p>Presentation Description - In this session, the presenter will discuss how the new Intergraph Interoperability Framework for CAD, in conjunction with Microsoft's BizTalk Server, provides a modern foundation for standards-based interoperability and advanced notifications. It is a vital tool for establishing regional, interoperable security networks to safeguard communities. Using the latest technologies, Intergraph is able to simplify workflows and protect your investment for the future. The use of open and interoperable systems provides the added benefit for reduced cost of ownership and increased operational efficiencies.</p> <p>Biography - Kevin Aide has been with Intergraph for the past 16 years. In his current role, Kevin works on SG&I's corporate Technology, Architecture and Strategy team where he focuses his efforts on strategies for mobile solutions, interoperability and enterprise integration. Kevin also acts as the worldwide manager for SG&I strategic partners. Kevin graduated from the University of Waterloo, Canada in 1994 with a Bachelor of Mathematics degree and a major in Computer Science.</p>
<p>Dr David Borth Corporate Vice President Advanced Technology & Research Enterprise Mobility Solutions Motorola</p>	<p>Presentation Title - Trends in public safety mission critical communications</p> <p>Presentation Description - Broadband technologies, multi-media applications, and advanced devices have an opportunity to provide a new generation of innovative and unprecedented public safety workflows. These technologies can be combined with a mission critical communications solution to enhance situational awareness and improve operational effectiveness creating the next generation of Public Safety Communications</p> <p>Biography - Dr. David Borth is Corporate Vice President and director of Advanced Technology and Research within Enterprise Mobility Solutions group. In addition to his impressive academic credentials he has been issued 31 patents to date and has authored or co-authored chapters of five books in addition to 25 publications. In this role, he is currently responsible for a number of activities including software-defined radio, cognitive radio, the IC platform for all portable devices and the next generation architecture for future public safety systems.</p>
<p>Dr David Boyd Director, Command, Control & Interoperability Division U.S. Department of Homeland Security/Science and Technology Directorate</p>	<p>Presentation Title - Command, Control and Interoperability Overview</p> <p>Presentation Description - Dr Boyd will address the ways CCI is strengthening wireless communications and improving effective information sharing among emergency responders. In particular, he will emphasize Virtual USA - an initiative that creates a cost-effective nationwide capability that significantly improves information sharing and decision making during emergencies and day-to-day operations.</p> <p>Biography - Dr David Boyd is the Director of the Science and Technology Directorate's Command, Control and Interoperability Division within the U.S. Department of Homeland Security. Dr Boyd is responsible for research and development programs that support command and control, communications, computing, intelligence, surveillance, reconnaissance, cyber security and interoperability.</p>
<p>Ross Buchanan Kingleake Community Members</p>	<p>Presentation Title - Brothers in arms – The Kingleake Story</p> <p>Presentation Description - Cameron Caine was the local Police officer on duty in Kingleake on that fateful day on the 7th February 2009 or "Black Saturday" as it has come to be known. Ross Buchanan was a local resident. Together they share their experiences of what it was like to operate and survive in such a horrific environment. Their story is not so much about the events of that night but a story of the strength of human spirit. The aftermath of Black Saturday left not just Australia but the World in shock. They proudly talk about how a little community was able to (and still is) picking up the pieces and re-building their lives. Cameron and Ross remind the audience of the power of human and community spirit.</p> <p>Biography - Father, Small business owner, musician and community volunteer longtime sponsor "Kingleake Football Netball Club.</p>

<p>Joe Buffone Deputy Commissioner, Office of the Emergency Services Commissioner</p>	<p>Presentation Title - Emergency Alerting Through Effective Communications Biography - Joe Buffone, as Deputy Emergency Services Commissioner, Policy and Planning, has a primary leadership role in improving the Victoria's emergency management arrangements and the Department's of Justice's capacity to prepare for, respond to and recover from major emergency and security risks. Joe is responsible for operational liaison between the emergency services and government, emergency management development and training policies, and multi-agency emergency management training and exercising.</p>
<p>Cameron Caine Kingleake Community Members</p>	<p>Presentation Title - Brothers in arms – The Kingleake Story Presentation Description - Cameron Caine was the local Police officer on duty in Kingleake on that fateful day on the 7th February 2009 or "Black Saturday" as it has come to be known. Ross Buchanan was a local resident. Together they share their experiences of what it was like to operate and survive in such a horrific environment. Their story is not so much about the events of that night but a story of the strength of human spirit. The aftermath of Black Saturday left not just Australia but the World in shock. They proudly talk about how a little community was able to (and still is) picking up the pieces and re-building their lives. Cameron and Ross remind the audience of the power of human and community spirit. Biography - Police officer who worked through "Black Saturday" and is President of the "Kingleake Football Netball Club".</p>
<p>Dr John Carnie Chief Health Officer Department of Health, Victoria</p>	<p>Presentation Title - The Heatwave Plan for 2010 Presentation Description - The extreme heat event in Victoria in 2009 has been shown to have had substantial morbidity and mortality. The Department of Health had been working for sometime on various initiatives to reduce the impact of such events and these initiatives are now presented in Victoria's Heatwave Plan Biography - Dr John CARNIE is Director, Health Protection and Chief Health Officer, Department of Health Victoria. He has expertise and experience in a range of public health issues including communicable diseases, environmental health, and food safety and is a Fellow and Past President of the Australasian Faculty of Public Health Medicine.</p>
<p>Jolly Wong Chun-kau Chairman, Far East Regional Network - Institution of Engineering and Technology (FERN/IET) & Chief Police Telecommunications Engineer, Hong Kong Police Force</p>	<p>Presentation Title - Police and Emergency Service Digital Radio Voice and Data in Hong Kong and Asia Presentation Description - Police and Emergency service agencies in Hong Kong, China and other Asian territories have or are migrating their analogue radio networks to Digital Trunked Technologies including TETRA. Hong Kong has operated a number of fully integrated digital trunked mobile solutions including command and control for police, fire, public utilities and transport for several years. The presentation will provide an overview of progress in the region, the business case and benefits achieved, the future potential requirements and challenges in meeting growing operational demands. Radio Spectrum for government and public safety requirements now and in the future is a critical consideration and requirements, issues and the regulatory environment within which agencies in HK and Asia must engage will be presented. Biography - Ir Jolly Wong is current Chairman of the Far East Regional Network, the Institution of Engineering and Technology. He is Fellow of the HKIE, BCS, IET and Member of the Institution of Engineers, Australia (MIEAust). Jolly is the Chief Police Telecommunications Engineer with the Hong Kong Police Force, now serving as the Head of Communications Branch. He received a MSc degree in Telecommunications and Information Systems from the University of Essex, UK and a MPhil research degree about digital encryption from the Chinese University of Hong Kong.</p>
<p>Gerard Cusick Chairman - Policy and Standards Committee, APCO Australasia</p>	<p>Presentation Title - International Public Safety Standards and APCO Presentation Description - APCO Australasia is developing a range of recommendations and guidelines (e.g. Emergency Services Grade Communications), however an international scan has shown that some countries have already developed good documents which can be used as a mature starting point. International APCO chapters will outline what they have to offer Australasia. Biography - Gerard is the Managing Director of Mingara Services, an independent ICT advisory group. The public safety sector is a major focus and strength of Gerard's, with many public safety agencies reaping the benefits of his sound, professional and strategic advice. The APCOA Policies and Standards Committee is chaired by Gerard.</p>
<p>Lindsay Creighton Operations Manager, Training Development - Queensland Mines Rescue Service</p>	<p>Presentation Title - Emergency Response in Underground Coal Mines Presentation Description - My discussion will commence with an overview of who and what Queensland Mines Rescue Service is, what are our responsibilities to all industry stakeholders and the legislative requirements related to Queensland Coal Mining Legislation. The discussion will look at previous major incidents and what caused the events. What the Coal Mining industry has to improve the prevention of further occurrences and where to in the future. Biography - Lindsay Creighton – 32 years underground coal mining qualified 3rd Class and 2nd Mine Manager Qld, 31 years Underground Mines Rescue experience in Qld and Western Australia, experienced in long wall, bord and pillar, pillar Extraction mining methods in aust. Multiple emergency response events responded to as the officer in charge. 16 ears training mines Rescue team members in Qld and western Australia. 10 years as a fire fighter with Qld Fire and Rescue and recently accepted the role of Lieutenant professional development at local community Fire station. Multiple response to civil incidents varying from rescuing cats from a tree to B-double fuel tankers on fire after head on collision with a car.</p>

<p>Adam Damen Technical Systems Specialist, State Aircraft Unit Department of Sustainability & Environment Victoria</p>	<p>Presentation Title - Using mobile, live video in fire-spotting and fire-fighting Presentation Description - The State Aircraft Unit (SAU), a joint initiative between the Country Fire Authority (CFA) and the Department of Sustainability and Environment (DSE), is now using a video-streaming solution to transmit live video from fire-spotting aircraft, water bombers and units on the ground to the Command Centre. The unit in the air combines a ruggedised computer and video cameras, with footage relayed via a wireless broadband connection from the air. In addition, the Command Centre and other key stakeholders can watch live video from the frontlines, taken by specially fitted-out mobile phones.</p>
<p>Scott Deacon Senior Technology Strategist Microsoft</p>	<p>Presentation Description - Public Safety and National Security is one of Microsoft's larger Customer Portfolios World Wide. The relevance of Microsoft technologies is not widely recognised by the Public Safety Community. Yet, technology in a generic sense is often sought to help bridge the gap between many of the challenges faced by first responders in the Community today. This keynote session will briefly discuss the relevance of Microsoft Technology and provide some real world examples as to how Microsoft technology, combined with its partners solutions is streamlining many activities of public safety organisations throughout the world.</p>
<p>Mark Duckworth Executive Director Governance & Community Department of Premier & Cabinet</p>	<p>Presentation Title - Resilience: what is it and why do we need it? Presentation Description - The presentation will examine the concept of "resilience" and why it is increasingly being used as an organising principle in emergency management and public safety. It will examine some of the links and differences between individual, community and organizational resilience. Biography - Mark Duckworth PSM is Executive Director, Governance and Community in the Department of Premier and Cabinet, Victoria. A member of the National Counter-Terrorism Committee since 2002, he is also a member of the recently established National Emergency Management Committee and co-chair of the NEMC National Disaster Resilience Strategy Writing Team.</p>
<p>Liam Fogarty Department of Sustainability and Environment, Victoria</p>	<p>Presentation Title - Fire Prediction Modelling Biography - Liam Fogarty has worked in land, fire and emergency management in Australia and SE Asia. This includes operational roles as a helitack crew leader, fire management planning officer in Australia, research and technology transfer in New Zealand, and involvement in community based fire management projects in Indonesia and Thailand. He is currently the Assistant Chief Officer Fire Planning and Knowledge with DSE's Land and Fire Management Division.</p>
<p>Mitchell Free Business Unit Executive - IBM Software Group Global Government Solutions</p>	<p>Presentation Title - Smarter Public safety - Case studies about how a Smarter Planet is a Safer Planet Presentation Description - New technologies are now available to help make public safety systems not just more connected and efficient, but smarter. Mitchell Free will present case studies on how agencies from Australia and around the world are using smarter systems to: 1. prepare for hosting a large international sporting event 2. deliver timely and accurate bushfire warnings 3. cut crime through intelligent policing Biography - Mitchell Free is the head of worldwide government solutions sales and is one of IBM's leading global public safety and emergency services experts. As part of his role at IBM, Mitchell consults with and leads solutions engagements for disaster & emergency services, government and defence agencies all over the world. A retired U.S. Navy Commander, Mitchell joined IBM after 24 years of active service in Naval Aviation which included a posting with the RAAF.</p>
<p>Andrew Gissing Director of Emergency Management Planning & Communication - Victorian State Emergency Services</p>	<p>Presentation Title - Emergency management Planning- Earthquakes/ Floods / Storms Presentation Description - The presentation will discuss the work being undertaken by VICSES in the development emergency plans for Earthquake Floods and Storms. It will also focus on the EM framework and arrangements to deliver effective warnings, community information and command & control in a multi agency setting. Biography - Andrew Gissing was appointed to the position of Director Emergency Management Planning & Communication in February 2009.He has a depth of knowledge in emergency management particularly in emergency planning, warning systems, risk management, community education and disaster research. He is particularly passionate about the management of flood risk.</p>

<p>Mark Greig Research & Development Manager, National Safety Agency Research Centre</p>	<p>Presentation Title - Interoperability Through Virtual Control Centres Presentation Description - The presentation of a secure web-based interoperable communications platform for the dissemination of information during emergency events. Presentation Title - Next Generation Law Enforcement Vehicles Presentation Description - The presentation will discuss the evolution of the Next Generation Law Enforcement Vehicle project from its conception 4 years ago to the completion of a successful prototype. The vehicle addresses key occupational health and safety concerns of police officers. The vehicle has received endorsements from Australian and International police agencies. Biography - Mark is responsible for research & business development for the National Safety Agency. This involves identifying opportunities to solve operational issues that public safety organisations face then organising industry partnerships and commercial relationships to allow the necessary innovative solutions to be developed and delivered to market. Mark has 30 years experience in commercial engineering design management in government projects with a focus on mission critical and leading edge scientific and technology projects. His main focus is always on the delivery of client focussed solutions in team environments.</p>
<p>Ged Griffin Inspector Victoria Police</p>	<p>Presentation Title - Network-Centric Public Safety – A New Paradigm of Policing Presentation Description - This paper examines how military forces have approached the concept of network-centric operations and discusses the implications of this experience for police and public safety officials. Whilst NCW appears to be providing significant enhancements to our military operations, the development of Network-Centric Public Safety is still an unrealised opportunity. Biography - Inspector Ged Griffin of the Victoria Police Force is currently attached to the Business Information Technology Services Department. He has managed and been involved in a number of significant IT projects including the transition to a secure multi-agency encrypted digital radio network for Melbourne the metropolitan area. He has have performed a diverse range of duties including criminal investigations, intelligence and counter terrorism operations. He has worked extensively in East Timor including performing roles at the United Nations Serious Crimes Unit and as the Victoria Police Contingent Commander. More recently he has worked as a Liaison Officer for the former Victorian Premier Hon Mr Steve Bracks in assisting Prime Minister Xanana Guasmao and his new government.</p>
<p>Michael Hallowes Detective Chief Superintendent National Policing Improvement Agency, UK</p>	<p>Presentation Title - Interoperability: Implementing the Lessons from Communicating in Crises Presentation Description - The presentation will outline the work of the UK Multi-Agency Interoperability Programme and the potential opportunities for collaboration with Australasian partners. It will focus on the improvements being made by the UK to set the standards nationally for enhanced processes and systems for incident response that also make full use of investments in enabling, interoperable voice and data technologies. The programme is the UK's response to implementing the lessons identified from domestic and international events where effective and efficient communications with the public and between the emergency services and partner agencies has fallen below expectations and knocked public trust and confidence. Biography - Michael Hallowes is head of the Strategic Operations Unit for the National Policing Improvement Agency (NPIA) and Director of the UK Multi-Agency Interoperability Programme. He has 29 years police service; the first 26 with the Metropolitan Police Service, and half that time as a detective in Specialist Operations and Specialist Crime at New Scotland Yard. He is also a graduate of the Australian Institute of Police Management '2008 International Senior Command Program'.</p>
<p>David Harris Executive Director Emergency & Security Planning DPI</p>	<p>Presentation Title - Heatwaves and Their Effect on the Infrastructure and the Community Presentation Description - In Australia heatwaves generate complex public safety challenges by creating failure points in infrastructure that can leave large groups of people vulnerable to heath and issues or in need of shelter. Understanding how these might arise in transport or electricity systems can lead to better responses.</p>
<p>Alastair Hope Principal Adviser Mingara Services</p>	<p>Presentation Title - Evidence and Risk Based Approach to Trunked Radio Network Dimensioning Presentation Description - Dimensioning a trunked radio network using historical radio network data and hazard profiles that are developed through the analysis of incident statistics and GIS data sets. Biography - Alastair is a Principal Adviser at Mingara Services, an independent telecommunications and ICT advisory group. Alastair joined Mingara Services in 2001 and currently advises government and private organisations throughout Australia. His recent work has included projects for South Australian Attorney Generals Department, Victorian Emergency Services Telecommunications Authority and the Melbourne Metropolitan Fire Brigade.</p>

<p>Robert Jastram Director, International Business Development Harris Corporation</p>	<p>Presentation Title - Combining the advantages of public and private networks using a Service Oriented Architecture</p> <p>Presentation Description - A Service Oriented Architecture is presented which enables the decoupling of functionality and the transport technology used for its conveyance. As a result, it is possible to unify distinct technologies leveraging the superior aspects of each in benefit to the user.</p> <p>Biography - Robert has 20 years experience in the Land Mobile Radio Market holding positions in Sales, Engineering, Project Management and Business Development. He is currently involved in developing & marketing new technologies combining Public and Private Network Benefits. He holds Bachelor and Masters degrees in EE and is a Director of the TETRA Association Board.</p>
<p>Dr David Jones Head of Climate Analysis National Climate Centre Bureau of Meteorology</p>	<p>Presentation Title - Climate Change and its Effect on Public Safety Planning, Response and Critical Infrastructure</p> <p>Presentation Description - The concentration of atmospheric CO2 has risen some 40% and is projected to more than double by 2100. This enhancement of the greenhouse effect has caused a global warming of nearly 1°C, and a sea level rise of 23cm. Recent observations show that the planet is continuing to warm rapidly. In this talk David will describe past and future climate changes with a focus on safety and infrastructure.</p> <p>Biography - Dr David Jones is Head of Climate Monitoring and Prediction at the Bureau of Meteorology. He has a PhD in Meteorology (Earth Science) from the University of Melbourne with nearly 18 years of research and operational experience across climate and related fields.</p>
<p>Craig Lapsley Director Emergency Management Departments of Health & Human Services</p>	<p>Presentation Title - The Community 12 Months After Australia's Worst Bushfire Disaster</p> <p>Presentation Description - Community impacts and the support mechanism - the lessons learned over last year including the consequences and impact on individuals, families and the wider community.</p> <p>Biography - Craig Lapsley has enjoyed an impressive career in the Emergency Management sector for over 25 years, primarily with the CFA. Prior to that Craig served as a volunteer firefighter. With CFA, Craig has worked in most parts of Victoria which has resulted in his involvement in Operations, Community Safety, Regional Management and Planning. Craig currently fills the position of Director Emergency Management - Health and Human Services which has state responsibilities across the health and community services sector.</p>
<p>Dr Rosemary Lester Assistant Director Communicable Disease Prevention and Control Unit Department of Health</p>	<p>Presentation Title - The Lessons Learnt From Recent Pandemics & Future Planning</p> <p>Presentation Description - This presentation will highlight the key features of the response to the H1N1 2009 pandemic in Victoria, and explore the issues which worked well, and some of the important lessons learnt for future pandemic planning.</p> <p>Biography - Rosemary is currently Assistant Director, Communicable Disease Prevention and Control Unit, and Deputy Chief Health Officer at the Department of Health, Victoria. She is a medical graduate of the University of Melbourne (1980). She entered the Department in 1989 and was awarded a Master of Public Health from Monash University in 1992. She also has a Master of Science (Epidemiology) degree from the University of California Los Angeles. She was made a Fellow of the Australasian Faculty of Public Health Medicine in 1994.</p>
<p>Chris Loader Manager, Transport Planning & Policy Bus Association Victoria</p>	<p>Presentation Title - Public Safety Technology in the Bus Industry</p> <p>Presentation Description - Public transport patronage has risen sharply across Australia in recent years and this brings challenges in maintaining public confidence in their safety. This presentation will outline public safety issues on buses, current communications technologies in use (including on the SmartBus network) and future possibilities for new technology.</p> <p>Biography - Chris is the Manager of Transport Planning and Policy at Bus Association Victoria (BusVic), which is the peak body representing Victorian route, school, tour and charter bus operators. He works with all levels of government, public transport operators, business groups, universities and the community sector developing and advocating sustainable transport solutions.</p>
<p>John Lewis Director - International Services Airwave Solutions</p>	<p>Presentation Title - Interoperable Communications - Enhancing The Emergency Services Ability To Deal With Planned and Unplanned Events</p> <p>Presentation Description - Public safety communications network are vulnerable to disruption from a number of events ranging from terrorist attacks, weather/nature, planned special events and man-made disasters such as industrial accidents. These events can create severe degradations to mobility, causing impact on the public safety community and the public at large. Whether or not directly affected by an event, emergency, or crisis, the communications network is always the means by which response and recovery are facilitated. Drawing on the experience of the UK emergency services, this presentation looks at how the introduction of a nationwide multi-agency interoperable communications network has significantly improved the ability of the public safety community to deal with the disruption caused by planned and unplanned events.</p> <p>Biography - John is the Director of the International Services business within Airwave Solutions, where he is responsible for leading Airwave's international expansion. John has operational responsibility for Airwave's overseas subsidiaries and joint ventures, as well as responsibility for the Airwave commercial network business, including providing the Airwave service to the London 2012 Olympic Games. John serves as a member of the Airwave Executive Committee.</p>

<p>David Lewis Superintendent/Zone Commander Regional South 2 - New South Wales Fire Brigades</p>	<p>Presentation Title - Samoan Tsunami – Overview and Lessons Learnt Presentation Description - On the morning of Tuesday 29 September 2009 at approximately 0710 (0410 Wednesday 30 September 2009 Australian EST) the nation of Samoa experienced an 8.3 magnitude earthquake which was followed 6 minutes later by a Tsunami which impacted the south eastern part of the main island. This presentation will look at the deployment, assistance given and lessons learnt. Biography - David Lewis has been in the New South Wales Fire Brigade for the past 21 years. He is currently a Superintendent based in Regional NSW. Prior to this appointment David was A/Deputy Manager of the NSWFB Rescue/USAR section where he led the NSWFB team to Samoa.</p>
<p>Lance Martin Superintendent WA Police</p>	<p>Presentation Title - The use of 3G Networks within WA Police Biography - Acting Superintendent Martin has 25 years of extensive front line policing experience in a range of operational and support roles including Police operations, communications and emergency management. Currently Lance Martin holds the position of Program Director for the Communications Infrastructure Program, incorporating the Police Metropolitan Radio Network project. As the Program Director, he manages and coordinates the activities of sworn, police staff and contract personnel in working with government departments and private commercial interests. Responsibilities include managing the implementation of a digital radio network and a vehicle tracking and mobile data service. He is accountable for ensuring that the Police business, financial and commercial interests are effectively managed.</p>
<p>Gary Morgan Chief Executive Officer Bushfire CRC</p>	<p>Presentation Title - Post Black Saturday, a map to the future for research and technology. Presentation Description - Black Saturday, Australia's worst peace time disaster, hit home the need for new research knowledge and technologies, to provide safer communities. This presentation highlights where this knowledge will come from and what areas of technology will help future communities. It provides ideas for the ready uptake of useful technological developments. Biography - Gary has worked, as a land manager, in many field locations across Victoria. These opportunities led Gary to becoming Chief Fire Officer for the Department of Sustainability and Environment. A role he held for over 9 years before leaving Government to become the CEO of the Bushfire Cooperative Research Centre.</p>
<p>Peter Morris Senior Reporter Channel 7 News</p>	<p>Presentation Title - Utilising the Media to Assist During a Major Event Presentation Description - Media and the emergency services. An exploration of the relationship and how it works. Biography - As an accomplished Police Reporter, Peter moved to 3AW where he also read the breakfast news bulletins before moving to ATV 10 in 1991 as Police Reporter, covering such stories as the Coode Island fire and the Port Arthur Massacre, then six years later taking up the same position at Channel Seven where he covered the saga surrounding the murder of Jaidyn Leskie, the East Gippsland and Northern Victorian floods, and more recently, the bushfire crisis in the state's north east, the Grampians fires, the rescue of miners Todd Russell and Brandt Webb in Beaconsfield, Tasmania and one of the biggest stories of our time, Black Saturday.</p>
<p>Bruce Murchie Managing Director Xenium Solutions Limited</p>	<p>Presentation Title - Mobility solutions for emergency response using Smartphones Presentation Description - The presentation provides examples where smartphones simplifies communications and facilitates the management and sharing of video feeds and other data in real time, allowing first responders to act quickly in emergency situations. Applications that protect first responders making use of an individuals GPS data to help emergency responders keep track not only of vehicle locations, but also the locations of specific individuals. They also provide up to the minute documents, procedure, plans and maps covering any number of potential emergencies through systems that automatically push the latest information to First Responders smartphones. Biography - Bruce Murchie is a director of Xenium Solutions Limited who is a BlackBerry® Alliance Elite Partner. Xenium Solutions operate as an independent software vendor delivering a range of mobile data applications. Bruce has extensive experience in policing and emergency mobile solutions in the United Kingdom and North America during the last eight years.</p>
<p>Adam Nickerson Consultant - Gibson Quai- AAS / Analysys Mason, UK</p>	<p>Presentation Title - The Importance of Testing Mission Critical Systems Presentation Description - This presentation will describe experience from the UK overseeing the test & verification programme for radio systems, control room equipment and the end-to-end functionality & service levels provided as part of a highly stringent government contract and draw some comparisons to the situation in Australia. Biography - Adam is on secondment from the UK and has first hand experience overseeing the deployment of public safety communications systems; most notably the UK government Department of Health's managed service contract for the replacement mobile radio and dispatch system for the UK Ambulance Service. He holds a masters degree in Mobile Communications & Multimedia Engineering.</p>

<p>Rex Nisbet P25 Systems Specialist Tait Radio Communications</p>	<p>Presentation Title - True P25 Interoperability Presentation Description - An overview of the current state of P25 interoperability. Review the relevant P25 standards, interfaces and certification bodies and regimes. The implications for decision makers: interoperability is about more than just open standards. The significance of the P25 Compliance Assessment Program (P25 CAP) will be explained. Biography - Rex has a BE from University of Canterbury. Rex has been with Tait radio communications for 15 years in a variety of product development and technical support roles. Rex is Tait's representative on the APIC/TR-8 standards committees and recently conducted inter-op testing as part of the P25 Compliance Assessment Programme.</p>
<p>Christine Nixon Chair Victorian Bushfire Reconstruction & Recovery Authority</p>	<p>Presentation Title - Black Saturday – The Recovery Biography - As Chair of the Victorian Bushfire Reconstruction and Recovery Authority, Christine Nixon, will oversee the largest recovery and rebuilding operation Victoria has ever undertaken. Under Christine's leadership, the Authority will work with communities, businesses, charities, local councils and other government departments to help people rebuild. Christine's priority is to help communities recover and rebuild in a way that is safe, timely, efficient, cost effective and respectful of each community's different needs. Prior to joining the Authority, Christine was the Chief Commissioner of Victoria Police leading 14,000 staff, who operate across more than 500 locations. She oversaw a budget of \$1.7 billion. She joined Victoria Police in April 2001, after serving with the New South Wales Police from 1972. Christine is a Fellow of The Australian Institute of Police Management, The Australian Institute of Management and The Institute of Public Administration Australia. She is also an Advisory Board member for the Alannah & Madeline Foundation and a patron of the Blue Ribbon Foundation, Onside Soccer – Victorian Soccer Federation Incorporation, Operation Newstart Victoria and Phoenix Club Inc.</p>
<p>Simon Overland Chief Commissioner Victoria Police</p>	<p>Presentation Title - Emergency Management Within Victoria 12 Months On Presentation Description - This session will provide an overview of the last 12 months of challenges, changes and issues that the Emergency Service Organisations have endured. Chief Commissioner Victoria Police Simon Overland in his role of Emergency Response Coordinator together with Greg Sassella CEO Ambulance Victoria and Russell Rees Chief Officer CFA will discuss these issues in a interview panel style session. This will be one of the key session for the conference. Biography - Simon Overland was appointed as Chief Commissioner of Victoria Police in March 2009 after serving as Deputy Commissioner for three years. Previous roles include leading the Crime Department as Assistant Commissioner. In this role he became widely known for his leadership of the Purana Task Force; investigating a series of violent murders associated offences within entrenched organised crime networks. Prior to joining Victoria Police in 2003, Simon served 19 years with the Australian Federal Police.</p>
<p>Steve Pascoe Strathewen Community Member</p>	<p>Presentation Title - A community perspective on emergency communication before, during and after emergencies. Presentation Description - Community needs are often the last consideration when planning emergency communications. The bushfire events of Feb 7th 2009 demonstrated the failure of information to communities and the tragic consequences. Historically, emergency management planning and operations have focussed most energy and resources in response infrastructure. Is it time to shift priority and resources to facilitating and strengthening the resilience of communities? Biography - Steve has volunteered and worked in emergency management for over 20 years. He has been a volunteer with CFA and Victoria SES and has worked as a Community Fireguard Facilitator with CFA for 5 years and in Local Government Emergency Management for over 10 years. Steve has a strong involvement in the development of local government emergency management including 3 years as Chair of the Municipal Emergency Management Enhancement Group. On February 7th 2009, Steve, his wife Alison and daughter Jess, survived the bushfires which destroyed their property and devastated the district of Strathewen. 80% of houses in this district were destroyed and 27 of their neighbours lost their lives. Along with rebuilding his own property, Steve is Deputy Chair of the Strathewen Community Renewal Association and Chair of the Memorials Working Group.</p>
<p>Tony Pearce Director General Emergency Management Australia, Attorney-General's Department</p>	<p>Presentation Title - The Role of EMA in a Broadened National Security Environment Presentation Description - The Australian national security environment has been rapidly evolving in recent years leading to a change in which government and its agencies are structured to meet their obligations, at the same time there have been changes in the obligations of some government agencies. This presentation will examine the evolving environment, and consider the role of Emergency Management Australia a Division of the federal Attorney-General's Department. Biography - Tony Pearce commenced his appointment as Director General - Emergency Management Australia in August 2006 after having spent 27 years in the intelligence and emergency management sectors. He has worked at agency, State and Federal Government levels in operations management, policy development and capability development. He has tertiary qualifications in social science, management, public administration, and emergency management.</p>

<p>Warren Prentice APAC Industry Manager, Public Safety & National Security Microsoft</p>	<p>Presentation Description - Public Safety and National Security is one of Microsoft's larger Customer Portfolios World Wide. The relevance of Microsoft technologies is not widely recognised by the Public Safety Community. Yet, technology in a generic sense is often sought to help bridge the gap between many of the challenges faced by first responders in the Community today. This keynote session will briefly discuss the relevance of Microsoft Technology and provide some real world examples as to how Microsoft technology, combined with its partners solutions is streamlining many activities of public safety organisations throughout the world.</p> <p>Biography - Following Warren Prentice's involvement with the Australian Military he was recruited by Microsoft in 2002. To date, Warren is a thought leader across the Microsoft Defence community and is recognised for his direct engagements with ADF and its Coalition Allies. Further, Warren was one of the few Foreign National Microsoft employees who deployed with United States Navy to technically support humanitarian and anti terrorism operations in the Pacific. Recently Warren relocated from Australia to Microsoft's Regional Head Quarters in Singapore as the Regional Business Development Manager within Microsoft's Defence and Public Safety Team. Warren's primary responsibility is to support business partners building solutions on Microsoft technology that deliver capabilities to - Defence and Public Safety customers in the Asia Pacific Region.</p>
<p>Grant Pitman Acting Chief Superintendent Queensland Police Service</p>	<p>Presentation Title - The Next Decade : Australian Frontline Policing Communications</p> <p>Presentation Description - The presentation discusses the business drivers that require police and emergency services to consider the changing technology to improve voice, data and CCTV capabilities to the frontline officers to improve community delivery of services for 2020 and beyond.</p> <p>Biography - Over 30 years experience in policing and currently managing major information, communication and technology projects for the Queensland Police Service.</p>
<p>Russell Rees Chief Officer Country Fire Authority</p>	<p>Presentation Title - Emergency Management Within Victoria 12 Months On</p> <p>Presentation Description - This session will provide an overview of the last 12 months of challenges, changes and issues that the Emergency Service Organisations have endured. Chief Officer of the Country Fire Authority Russell Rees together with Greg Sassella CEO Ambulance Victoria and Chief Commissioner Victoria Police Simon Overland in his role of Emergency Response Coordinator will discuss these issues in a interview panel style session. This will be one of the key session for the conference.</p> <p>Biography - Russell has had a long and distinguished career in CFA working across a range of locations. He was appointed to the position of Chief Officer in August 2001. The role of Chief Officer is a statutory position under the CFA Act and brings with it responsibilities and leadership accountabilities as the senior operational commander of CFA</p>
<p>George Rice Executive Director APCO International</p>	<p>Presentation Title - International Public Safety Standards and APCO</p> <p>Presentation Description - APCO Australasia is developing a range of recommendations and guidelines (e.g. Emergency Services Grade Communications), however an international scan has shown that some countries have already developed good documents which can be used as a mature starting point. International APCO chapters will outline what they have to offer Australasia.</p> <p>Biography - George S. Rice Jnr is currently the Executive Director for APCO International. He has a diverse professional background including public safety, community & youth development, public relations, legislative affairs, information technology management, economic development, media relations, as well as ten years of law enforcement experience. George has previously held positions within organisations such as the FBI, DEA, the Brady Organisation, the Enterprise Foundation and Metropolitan Washington Council of Governments. George holds a Bachelor's degree in Criminal Justice Administration, and currently resides with his wife in both Maryland and Florida.</p>
<p>Greg Sassella Chief Executive Officer Ambulance Victoria</p>	<p>Presentation Title - Emergency Management Within Victoria 12 Months On</p> <p>Presentation Description - This session will provide an overview of the last 12 months of challenges, changes and issues that the Emergency Service Organisations have endured. Chief Officer of the Country Fire Authority Russell Rees together with Greg Sassella CEO Ambulance Victoria and Chief Commissioner Victoria Police Simon Overland in his role of Emergency Response Coordinator will discuss these issues in a interview panel style session. This will be one of the key session for the conference.</p> <p>Biography - Greg has been employed with Victorian ambulance service since 1983 and has worked as a Mobile Intensive Care Ambulance (MICA) paramedic and as a MICA Flight Paramedic in helicopter operations. He became General Manager of Metropolitan Operations in 1998, and was appointed as Metropolitan Ambulance Service, Chief Executive Officer in 2002. Greg has a Masters Degree in Business Administration and is involved as a Director in a number of Boards and Advisory Groups. Greg was appointed by the new Board of Ambulance Victoria (AV) as the incumbent CEO in June 2009.</p>

<p>Allan Short Project Manager, Clever Networks Department of Community Safety QLD</p>	<p>Presentation Title - Smart Services Using Clever Networks Presentation Description - The presentation will focus on the deliverables and outcomes of the Clever Networks project. This project has developed innovative solutions for mobile command and control at the point of demand utilising 3G BGAN satellite networks. The portable kits have been successfully deployed to support operations during the 2009 Nth Qld floods, the Pacific Adventurer oil spill, various bush fire responses and the Department's response to the Samoa tsunami and the Indonesia earthquake. The project has also established video streaming capabilities from the field for Ambulance incident/resource management and patient management: the later via secure head cam video streaming. Situational awareness of Rural Fire vehicles to mobile command centres has been implemented through this project. Biography - Allan is an ICT professional with over 25 years experience. In 1995 Allan joined the Department of Community Safety (formally Dept of Emergency Services) as the ICT Manager for South Eastern Qld. Most recently Allan has led the cooenet@qld (nee Clever Networks) project which has delivered innovative solutions at the point of demand.</p>
<p>Oswin Slade Business Development Manager C4i</p>	<p>Presentation Title - Integrating analog and digital voice systems to create an interoperable IP infrastructure Presentation Description - Increasingly emergency services are accepting that IP technology has become sufficiently reliable for integration into voice communications environments - integrating radio, telephony and intercom, both analog and digital. This presentation will examine the issues associated with the design and operation of an interoperable system using conventional, trunked and P25 networks. Biography - Oswin is Business Development Manager at C4i, a company specializing in voice communications solution for Emergency Services and Defence. He has been involved in the provision of several emergency services projects integrating analog and digital voice communications systems into IP infrastructure environments. Oswin holds a Master of Applied Science from RMIT University.</p>
<p>David Thodey Chief Executive Officer - Telstra Corporation</p>	<p>Presentation Title - Public Safety in the 21st Century - A Perspective Biography - David Thodey became Chief Executive Officer on 19 May 2009. David joined Telstra in April 2001 as Group Managing Director of Telstra Mobiles. He was appointed to the position of Group Managing Director Telstra Enterprise and Government in December 2002 and was responsible for the company's corporate, government and large business customers in Australia, TelstraClear in New Zealand and Telstra's International sales division. Before joining Telstra, David was Chief Executive Officer of IBM Australia/New Zealand and previously held several senior executive positions in marketing and sales with IBM across Asia Pacific. David is the Chairman of Telstra subsidiary TelstraClear in New Zealand and Chairman of Basketball Australia. David was born in Perth. He holds a Bachelor of Arts in Anthropology and English from Victoria University in New Zealand. David attended the Kellogg Post-Graduate School General Management Program at Northwestern University in Chicago.</p>
<p>Bruce Thompson Director Spatial Information Infrastructure Department of Sustainability & Environment</p>	<p>Presentation Title - Using location information to enhance public safety communications Biography - Bruce is Director, Spatial Information Infrastructure, State Government of Victoria, Australia. He is responsible for Victoria's whole-of-Government spatial information strategy and policies, and for the management of the Victoria's spatial information infrastructure. He is a member of the Australia New Zealand Land Information Council (ANZLIC), a director of PSMA Australia, Australia's national spatial data provider, and the Deputy Chair of the Australian Cooperative Research Centre for Spatial Information.</p>
<p>Kyle Tyrrell Chief Executive Officer 33 Degrez, Leadership Consulting Ret. Australian Defence Force</p>	<p>Presentation Title - How to Fail at Leadership (and how not to!) Presentation Description - Effective leadership is about understanding what makes people behave the way they do and then influencing that process. Many of today's leaders are not armed with this skill, they rely on charisma, management prowess and charm to get by, in times of stability and certainty this is often enough. But this type of leader inevitably fails when confronted with uncertainty, ambiguity, fear and chaos! This presentation introduces the concepts that Kyle Tyrrell teaches in his workshops and through his coaching. The concepts are required knowledge for any leader (or potential leader) who must be prepared to lead through uncertainty, fear and chaos. Biography - A highly decorated Army Officer with 23 years experience as a "frontline" commander, Kyle Tyrrell now consults to Australia's leading organisations improving their performance through practical leadership education and coaching. Kyle has an MBA, a Grad Dip in Strategic Planning and a Diploma of Fitness. He retired from the Army at the rank of Lieutenant Colonel having served as a paratrooper with operational service in the Middle east and the Solomon Islands.</p>

<p>Maurits van der Vlugt Principal Consultant NGIS Australia</p>	<p>Presentation Title - Emergency 2.0 – Geospatial and social media making a difference</p> <p>Presentation Description - Providing timely, location enabled information to responders and citizens is critical in managing major emergencies such as bushfires. In major recent events (Canberra 2003, Victoria 2009), traditional communication technologies and methods could not cope sufficiently with the magnitude of the event. More recently and abroad (notably the Haiti Earthquake) Web 2.0 technologies are proving to be invaluable enhancements to traditional information management practices, helping save property and lives.</p> <p>Biography - Maurits is one of Australia's leading authorities in the design and implementation of (interoperable) spatial data infrastructures, and web delivery of spatial data. Maurits has hands-on experience developing web-mapping applications and the underlying architectures, focusing on usability, natural resource information and distributed systems. Maurits has authored several articles on these subjects, including recent articles on "Customising Google Earth" and "Dispelling the Myths around Web Services", and taught "Customising GIS for the Web" at the University of Redlands (USA).</p>
<p>Jamie Vernon Superintendent - Project Manager Operations Centre Reform Ambulance Service of New South Wales</p>	<p>Presentation Title - CADIUP - Computer Aided Dispatch Infrastructure Upgrade</p> <p>Presentation Description - Through the CAD Infrastructure Upgrade Project, ASNSW is seeking to establish a highly robust and redundant CAD IT environment comprising a single copy of CAD which supports the entire state wide operations. The project is designed to deliver the following key objectives; centralise data processing outside of Operations Centres, reduce risk of system failures through improved redundancy and disaster recovery capabilities, increase processing capacity of CAD IT Infrastructure, improve the efficiency of dispatch processes and improve clinical outcomes for patients.</p> <p>Biography - Supt Vernon has been an operational paramedic for over 30 years and a Superintendent since 1992. Since 1998 he has been in charge of the Northern Operations Centre located in Newcastle. Supt Vernon has undertaken a number of key projects over the years: project managing the introduction of MDTs, managing the amalgamation of Operations Centres and more recently managing the operational aspects of the CADIUP Project and the Operations Centre Reform.</p>
<p>Keith Walker Contract Manager MMRMDN Emergency Services Telecommunications Authority</p>	<p>Presentation Title - Case study on Victoria's public safety communications</p> <p>Presentation Description - After 5 years what has been the result of this ambitious fully outsourced emergency service provision? This presentation will include a discussion of the excellent outcomes of these processes, what the State has done to get these outcomes, recommendations for similar agencies and where is are we likely to head in the future.</p> <p>Biography - Keith manages the contracts for Mobile Data Network and Metropolitan Mobile Radio, totalling almost \$420M over their current terms. Keith works for the Emergency Services Telecommunications Authority, a statutory body that manages Victoria's Computer Aided Dispatch in addition to being assigned the task of taking over large emergency services telecommunications contracts. Keith has long term expertise in emergency services contract management and procurement having worked within Victoria Police.</p>
<p>Jeremy Wells Chief Executive Officer Whispir</p>	<p>Presentation Title - Improving Situational Awareness: A communications lead methodology – Lessons Learned</p> <p>Presentation Description - Post event, organizations often identify the requirement for a single platform to invoke communication at any stage of an event lifecycle and leverage data common to plans, distribution lists, contact tables, escalation lists, tasks and program management activities. New technologies now provide these capabilities and are being utilized extensively by critical infrastructure providers across Australia to achieve their compliance obligations and become more resilient operations. Jeremy Wells will present a number of case studies from these providers highlighting key learning's applicable and transferable to emergency services organizations.</p> <p>Biography - Jeremy Wells is co-founder and Chief Executive Officer of Whispir. As CEO, he has built a team of strategically minded technology innovators, focused on delivering high availability communication solutions. The Whispir Platform enables organisations to rapidly send, automate, log and report on communications to and from various locations, using the web and mobile devices.</p>
<p>Mark Whybro Assistant Commissioner NSW Fire Brigades</p>	<p>Presentation Title - Educating children about Australia's national Emergency Call Service - 'The Triple Zero Kids' Challenge'</p> <p>Presentation Description - The national Triple Zero Awareness Work Group managed the award-winning '2007 National Triple Zero Awareness' media campaign, from which we developed an on-line safety game for primary school-aged children. The game consists of nine safety scenarios – three each for Police, Fire and Ambulance –and is scheduled to be launched in April 2010.</p> <p>Biography - Mark is a 29 year veteran firefighter and is currently an Assistant Commissioner responsible for NSWFB's Hazmat, Rescue, Bushland Urban Interface, Counter Terrorism and Aviation, Emergency Planning, and Operational Communications (emergency call-taking and dispatch). As Chair of the national Triple Zero Awareness Work Group, he leads a multi-agency team in developing and managing national safety education and media campaigns.</p>

<p>Rocky Wood Chairman, ICT Australian Logistics Council</p>	<p>Presentation Title - A Smarter Supply Chain - Using ICT to Increase Productivity</p> <p>Presentation Description - The most efficient supply chains worldwide leverage real-time information and real collaboration between partners. The Australian Logistics industry has developed a model to maximise Australia's productivity in the use of transport systems (such as road networks) and supply chains which challenges current thinking and offers sustainable ongoing advantages to users. This is a Panel Discussion.</p> <p>Biography - Rocky Wood is Telstra's General Manager Transport & Logistics, responsible for Telstra's customers in these industries. An industry veteran with over 25 years' experience, Rocky serves as the inaugural Chairman of the Australian Logistics Council's Information and Communications Technology Committee. He has held senior roles with Visy, UPS, TNT and Australia Post.</p>
<p>Mike Wright Executive Director - Wireless Engineering & Operations Telstra</p>	<p>Presentation Title - Wireless Technology Options for Australia's Public Safety Challenges</p> <p>Presentation Description - Outlines relevant industry and global trends and introduces the latest wireless technology options for Public Safety in Australia.</p> <p>Biography - Mike's charter is to lead the design, development and operations of Telstra's wireless networks. Drawing on over 28 years telecommunications experience, Mike has lead Telstra's wireless capabilities through world leading achievements including the launch of the world-class nationwide 850hz Next G™ network, 200km Cell Range, 3G Direct Tunnel, Blade Server and HSPA+ 21/5.8Mbps and most recently Dual-Carrier HSPA+.</p>
<p>Garrie Wright Commander Toronto Emergency Medical Services</p>	<p>Presentation Title - Technology in Preparedness</p> <p>Presentation Description - This presentation will examine how key stakeholders in the City of Toronto's Emergency Operations Centre (EOC) are using technology to prepare and deal with major emergencies and disasters.</p> <p>Biography - Garrie Wright is a Commander with Toronto EMS involved with service delivery improvement initiatives; he launched the Toronto Public Access Defibrillation Program. Garrie served as Executive Director, EMS Chiefs of Canada, in 2007. He has been recognized with several awards including the Canadian Governor General's EMS Award for Exemplary Service.</p>
<p>John Yaldwyn Chief Technology Officer 4RF Communications, New Zealand</p>	<p>Presentation Title - Spectrum Considerations for Emergency Mobile Radio Backhaul</p> <p>Presentation Description - Adequate spectrum is a critical component of emergency services mobile radio backhaul links needed for rural and remote areas in Australia. Distance requirements often exceed the capability of high frequency millimetre wave microwave radio. Specialised long haul digital microwave equipment has been deployed in Australia using the fixed service bands below 3 GHz to address this issue. These low frequency assignments are required for successful long distance implementations. Public safety agencies in Australia need to engage with ACMA to maintain continued access to fixed services bands in the lower microwave radio to support their vital communications networks.</p> <p>Biography - John Yaldwyn is CTO at New Zealand based 4RF Communications. The company manufactures long haul digital microwave radio links supplied to 115 countries. Past experience includes engineering positions at DMC Stratex Networks. John has a BSc from Victoria University of Wellington with post graduate study at ENST in France.</p>
<p>Trevor White Director of Operations Victorian State Emergency Services</p>	<p>Presentation Title - Emergency management Planning- Earthquakes/ Floods / Storms</p> <p>Presentation Description - The presentation will discuss the work being undertaken by VICSES in the development emergency plans for Earthquake Floods and Storms. It will also focus on the EM framework and arrangements to deliver effective warnings, community information and command & control in a multi agency setting.</p> <p>Biography - Trevor is responsible for the development of operational doctrine for VICSES including building organisational capacity to deliver effective response to emergencies. This includes the development of command & control capabilities with other partner agencies in dealing with a range of emergencies that continue to challenge emergency services in Victoria.</p>