

INTERGRAPH 2010 NEW ZEALAND USERS' COMMUNITY CONFERENCE

DATA AS A SERVICE

14-15 September 2010
Rendezvous Hotel, Auckland

A WORLD OF
OPPORTUNITIES

 INTERGRAPH®

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DAY ONE KEYNOTES

TUESDAY 14 SEPTEMBER

Time	Keynotes
8:30am	Registration Opens
9:30am	Welcome Address Lauren Scott, President, Intergraph Users' Committee
9:40am	Government Keynote David Shearer, New Zealand Labour Party Spokesperson for Research, Science and Technology and Associate Spokesperson for the Environment
10:25am	Intergraph Corporate Keynote Andrew Munro, General Manager, Southeast Asia, Utilities, Communications, Government and Transportation, Intergraph
11:10am	Morning Tea
11:30am	The New Zealand Geospatial Office and a National Spatial Data Infrastructure Kevin Sweeney, Geospatial Custodian, New Zealand Geospatial Office, Land Information New Zealand
12:15pm	Intergraph General Sales Update Richard Vernon, Business Development Manager, Intergraph
12:40pm	Oracle Sponsor Presentation David Woolford, Channel Development Manager, Oracle New Zealand
12:45pm	GeoSystems Sponsor Presentation Warren Eade, Field Services manager, GeoSystems New Zealand Ltd
12:50pm	Poster Competition
12:55pm	Group Photograph The Atrium
1.00pm	Lunch

DAY ONE SESSIONS

TUESDAY 14 SEPTEMBER

Time	Government and Transportation	Utilities and Communications
2:00pm	Spatial Data Infrastructure (SDI) Portal Robert Parsons, Intergraph	G/Technology Roadmap Simon Ferneyhough, Intergraph
2:15pm	Data-Centric Business Services at Environment Waikato Bryan Clements, Environment Waikato	
2:30pm	GeoMedia Grid to Support Wildfire Spread Prediction with Prometheus Adrian Buddle, Southland District Council	G/Technology 10.1 Upgrade Chris Axford, Orion New Zealand Limited and Martin Byrne, Intergraph
3:00pm	Geospatial Applications Roadmap Anton van Wyk, Intergraph	Software Interoperability and the Intergraph solution for PowerNet Mark Aimers, PowerNet
3:30pm	Afternoon Tea	
3:50pm	A Checklist of Good Practices Bryan Clarke and Shelley Sutcliffe, Vicinity Solutions	Smart Vehicles - Reliable Field Communications in Regional and Remote Areas Derek Carty, NEC Australia
4:20pm	Spatially Updated Textual Datasets Kyle Dow, Christchurch City Council	Incidents Application Lauren Scott and Nimisha Patel, Top Energy
4:50pm	RAMM and GeoMedia Transportation Anton van Wyk, Intergraph	Steps to a Smarter Grid Simon Ferneyhough, Intergraph
5:20pm	Close	
6:00pm	Buses Depart Rendezvous Hotel for Dinner	
6:30pm	Dinner at The Wharf 2 Queen St, Northcote Point, Auckland	
9:30pm	Buses Depart The Wharf for Rendezvous Hotel	

* Agenda subject to change

DAY TWO KEYNOTES

WEDNESDAY 15 SEPTEMBER

Time	Keynotes
9:00am	Intergraph Technology Update Simon Ferneyhough, Business Development Director, Utilities and Communications, Security, Government and Infrastructure, Asia Pacific, Intergraph
9:30am	OnDemand Field Data Capture Martin Byrne, GIS Team Leader, Utilities, Intergraph
10:00am	Motion Video Exploitation Anton van Wyk, Industry Specialist, Geospatial Applications, Intergraph
10:30am	ResPublica Smart Client GIS Ken Mathers Senior Consultant, Intergraph
11:00am	Morning Tea
11:20am	G/Technology View on WebMap and GeoMedia Viewer Peter Elliot, Senior GIS Operator, Orion New Zealand Limited
11:50am	G!NIUS Multi-Utility Solution Ken Mathers, Senior Consultant, Intergraph
12:10pm	Intergraph Support Robert Parsons, GIS Team Leader, Mapping and Martin Byrne, GIS Team Leader, Utilities, Intergraph
12:30pm	Intergraph Users' Committee Annual General Meeting Intergraph Users' Committee
1:00pm	Lunch

DAY TWO SESSIONS

WEDNESDAY 15 SEPTEMBER

Time	Government and Transportation	Utilities and Communications
2:00pm	GeoMedia 3D Anton van Wyk, Intergraph	Inspection and Vegetation Management Ken Mathers, Intergraph
2:30pm	Use of GIS Data in Response to Recent Flooding Events Suzanne Butler, Waitaki District Council	Leveraging G/Technology Across the Enterprise Anthony Miles, Northpower
2:45pm	GIS in Drinking Water National Environmental Standard Bryan Clements, Environment Waikato	
3:00pm	Live Traffic Flow Data for New Zealand Phil Allan, GeoSmart	Fibre Update Ken Mathers, Intergraph
3.30pm	Afternoon Tea	
4:00pm	Roundtable Discussion Anton van Wyk and Robert Parsons, Intergraph	Roundtable Discussion Simon Ferneyhough, Intergraph
5:00pm	Closing Address Lauren Scott, President, Intergraph Users' Committee	
5:15pm	Conference Close	

* Agenda subject to change

BIOGRAPHIES

**DAY 1
TUESDAY 14 SEPTEMBER**

David Shearer, New Zealand Labour Party Spokesperson for Research, Science and Technology and Associate Spokesperson for the Environment

David has been a member of the New Zealand Labour Party since 1998 and he is currently the Member of Parliament for Mount Albert. He spent several years overseas in different parts of the world, working for various international organisations including Save the Children Fund (UK), the International Institute for Strategic Studies, International Crisis Group, and the United Nations. Prior to David returning to New Zealand in 2009 and winning the Mount Albert by-election, he was deputy head of the UN mission in Iraq, where he was responsible for coordinating the UN's \$2 billion humanitarian and reconstruction effort alongside the new Iraqi administration.



Andrew Munro, General Manager, Southeast Asia, Utilities, Communications, Government and Transportation, Intergraph

Andrew has a wealth of experience in the information technology (IT) sector and has a broad background in IT delivery and management, covering all areas including software development, systems integration and infrastructure. In his current role at Intergraph, Andrew is responsible for the executive management of Intergraph's sales and delivery teams through Australia, New Zealand and Southeast Asia. His focus is on growing Intergraph's business both directly and through partners, and maintaining a high profile for Intergraph within the Southeast Asian business community. Prior to joining Intergraph, Andrew had worked at American Power Conversion (APC), Borland Software Corporation and Praxa. He held management positions at those organisations across sales, marketing and business development. He has also previously worked for Apple Computer and BHP.



Kevin Sweeney, Geospatial Custodian, New Zealand Geospatial Office, Land Information New Zealand

Kevin is the Geospatial Custodian, directing the work program of the New Zealand Geospatial Office. The Geospatial Office is responsible for implementing the New Zealand geospatial strategy to facilitate and expand the contribution that spatial information and technologies make to New Zealand's economic growth agenda. During his 18 years in the geospatial industry, Kevin has served in both managerial and technical roles throughout the public, private and academic sectors. Prior to immigrating to New Zealand from the United States of America, he worked as a senior consultant and geospatial division manager and as a municipal director of technical services. He holds a Master of Arts and a Bachelor of Science in Geography and is a certified GIS professional.



Richard Vernon, Business Development Manager, Intergraph

Richard has held sales and sales management roles in the IT industry for over 29 years, including with companies such as IBM, Deloitte, Oracle, SAP and Unisys. His experience also includes running a private SAP consultancy company and managing a private sector company involved in developing radio-frequency identification (RFID) and mesh network technology for the management of dairy farms. Richard has been involved in managing partners and direct sales of software from Korea to New Zealand, and has had a major focus over the years on government business in New Zealand.



BIOGRAPHIES

**DAY 2
WEDNESDAY 15 SEPTEMBER**

Simon Ferneyhough, Business Development Director, Utilities and Communications, Security, Government and Infrastructure, Asia Pacific, Intergraph

Simon has a regional business development role supporting geographic information system (GIS) solutions for Intergraph's utilities and communications projects throughout Asia Pacific. He is responsible for coordinating regional solution requirements and sales initiatives with Intergraph teams in the United States, Europe, and Asia. He has been actively involved in assisting Intergraph's utility customers architect and implement enterprise production system in Hong Kong, China, Korea, Singapore, Thailand, Vietnam, Malaysia, Australia, and New Zealand. Simon has been with Intergraph for 13 years. Prior to joining Intergraph, he has more than ten years of experience in Australasia and Southeast Asia consulting for various projects, utilising Intergraph and other software solutions. He has recently relocated to Hong Kong to better assist local sales teams in developing the emerging GIS markets of Greater China and India.



Martin Byrne, GIS Team Leader, Utilities, Intergraph

Martin has been at Intergraph since June 2000 and is currently the team leader for the Intergraph Utility team, based at the Christchurch office. He was originally part of the 111 team that supports the Police and Fire Emergency Dispatch system before moving into the Utility team in 2007. As the team leader, Martin manages the development and support of Intergraph's utility applications including G/Technology.



Anton van Wyk, Industry Specialist, Geospatial Applications, Intergraph

Anton is the Industry Specialist in geospatial applications and is currently responsible for managing Intergraph training and pre-sales support. He has over 14 years of experience in Intergraph software development, software implementation and support. His background is civil engineering and CAD, specialising in road design. Anton has comprehensive experience in GIS projects related to the transportation and local government industry and has successfully implemented transportation and asset management solutions in South Africa, New Zealand and Australia.



Peter Elliot, Senior GIS Operator, Orion New Zealand Limited

Peter has 15 years of experience in GIS and is currently the Senior GIS Operator at Orion New Zealand Limited. He is responsible for spatial analysis, network valuation, and developing and maintaining WebMap and GeoMedia Viewer for remote access to data for emergency contractors. He also manages the GIS team in the absence of the GIS manager.



Ken Mathers, Senior Consultant, Intergraph

Ken has over 30 years of experience in various aspects of mapping and GIS and is currently the Senior Consultant for Intergraph New Zealand. He has been with Intergraph for over 20 years and in that time, he has been involved in almost every project that has been delivered by Intergraph. His specialist area has been the utility market, mainly the electric, communications and gas industries. His role has seen him assisting with projects in other offices including Australia, Hong Kong, Singapore, Japan, and Huntsville. Prior to joining Intergraph, Ken started his career at Telecom NZ and spent 17 years involved in many departments including utility draughting, survey draughting, printed circuit design, heating and ventilation design, postal mechanisation design, and GIS.



ABSTRACTS

DAY 1
TUESDAY 14 SEPTEMBER

KEYNOTES

Intergraph Corporate Keynote

Andrew Munro, General Manager, Southeast Asia, Utilities, Communications, Government and Transportation, Intergraph

In this session, Andrew will provide an update of Intergraph from a global and local perspective and provide an introduction to the conference theme, "Data as a Service". He will expand on the vision and opportunity of an integrated world, where data is available on demand and in real time to enhance understanding, aid decision-making processes and improve productivity in the business environment.

The New Zealand Geospatial Office and a National Spatial Data Infrastructure

Kevin Sweeney, Geospatial Custodian, New Zealand Geospatial Office, Land Information New Zealand

The New Zealand government embarked on a deliberate effort to develop geospatial information and technologies as components of its economic development strategy, with the publication in 2007 of the New Zealand Geospatial Strategy and later that year, formation of the New Zealand Geospatial Office. In this session, Kevin will cover the program of work that was subsequently developed for the Geospatial Office to support coordinated implementation of the national geospatial strategy. A key project within that work program involves the facilitation of a national spatial data infrastructure (SDI). In support of the Geospatial Office SDI initiative, Land Information New Zealand has established a Geospatial Centre of Excellence, to include a customer engagement strategy, data quality improvement projects and the implementation of SDI provider and catalogue nodes to promote discoverability, accessibility and interoperability of LINZ core datasets.

General Sales Update

Richard Vernon, Business Development Manager, Intergraph

There have been a number of changes this year in the way Intergraph New Zealand works with clients across the Security, Government and Infrastructure space. New staff, combined with new programs and an extended focus throughout Southeast Asia, have been put in place since early this year. In this session, Richard will provide some insight into the progress of the Banquet program for local government that was first discussed and presented at last year's conference. He will also cover aspects of the major government initiative involving Crown Fibre Holdings, and the competition to secure funding for Fibre to the Home (FTTH) in New Zealand.

GOVERNMENT AND TRANSPORTATION

Spatial Data Infrastructure (SDI) Portal

Robert Parsons, Intergraph

Portals are becoming increasingly popular around the world to share geographic information with constituents and other consumers of spatial information. In this session, Robert will introduce SDI Portal, a new product from Intergraph that brings together SDI-related web services in a public-facing, browser-friendly internet portal. He will expand on previous Intergraph SDI presentations and provide examples of existing portals.

Data-Centric Business Services at Environment Waikato

Bryan Clements, Environment Waikato

Data in itself is not a service, but highly effective business-driven services can be built around timely and accurate data to deliver business information. In this session, Bryan will share Environment Waikato's approach to GIS, calling on a wealth of corporate spatial-related data to help numerous parts of the council in their daily business decisions.

GeoMedia Grid to Support Wildfire Spread Prediction with Prometheus

Adrian Buddle, Southland District Council

Prometheus is a Canadian-developed fire growth simulation program that will be used by the Southern Rural Fire Authority (SRFA), of which the Southland District Council (SDC) is a member organisation. One of the applications of the program is that it can be used during a wildfire to predict fire spread. However, to be able to deploy operationally, many of the data inputs – most of which are derived from Digital Elevation model data – need to be prepared in advance of a wildfire. In this session, Adrian will focus on this data preparation challenge and how GeoMedia Grid can help to achieve the goal of operational readiness.

Geospatial Applications Roadmap

Anton van Wyk, Intergraph

In this session, Anton will outline the product roadmap of desktop, industry and web applications. He will also discuss the features and benefits of the latest released products, what has been planned for 2010-2011, and Intergraph's vision for the future. Learn about new emerging technology and how Intergraph is incorporating it in existing and new products.

A Checklist of Good Practices

Bryan Clarke and Shelley Sutcliffe, Vicinity Solutions

Are you contemplating the implementation of data as a service? You will need it to be discoverable and reliable. In this session, Bryan and Shelley will step through a checklist of good practices when implementing a new data set or data service.

Spatially Updating Textual Datasets

Kyle Dow, Christchurch City Council

Keeping the spatial and textual views of your business in sync has always been a challenge. Now with the help of the Advanced Feature Model and a few other smarts, it is possible to keep those systems in sync without doing it manually. As part of a recent project, the Christchurch City Council made the decision to create and update rating attributes from the GIS in real time. In this session, Kyle will highlight what was done before, what's being done now and how it has changed the way GIS is used in Christchurch City Council. He will show one of the workflows now being used to update rating levy data in Christchurch City Council's rates system.

RAMM and GeoMedia Transportation

Anton van Wyk, Intergraph

Road Assessment and Maintenance Management (RAMM) is the standard for road asset management in New Zealand. In this session, Anton will demonstrate the use of RAMM data in GeoMedia and GeoMedia Transportation. Learn why you should choose RAMM and what it can do for you, as well as how you can make better use of RAMM using GeoMedia and GeoMedia Transportation.

UTILITIES AND COMMUNICATIONS

G/Technology Roadmap

Simon Ferneyhough, Intergraph

In this session, Simon will discuss planned enhancements to Intergraph's G/Technology software and highlight the vision for the product's future. G/Technology's new functionalities and architecture updates will be covered, including a new map display engine, translucency, and interoperability with GeoMedia and Open Geospatial Consortium (OGC) standard data sources.

G/Technology 10.1 Upgrade

Chris Axford, Orion New Zealand Limited, and Martin Byrne, Intergraph

Orion New Zealand Limited recently commenced the migration of G/Technology Version 9.3 to Version 10.1. In this session, Chris and Martin will highlight the issues identified during the migration process and the steps that were taken to prepare for the live migration in order to ensure that the migration of the production system would run smoothly. They will also explore methods for the ongoing management of required administrative tasks around a G/Technology solution and the process for moving custom code away from VBA to .NET.

Software Interoperability and the Intergraph solution for PowerNet

Mark Aimers, PowerNet

In 2008, PowerNet implemented and went live with a corporate-wide document management system (DMS). The DMS implementation at PowerNet would affect the GIS by relocating existing hyperlinked files attached to GIS features, and PowerNet sought the assistance of Intergraph to address this issue. In this session, Mark will share how Intergraph helped to provide solutions for the G/Technology suite of software currently in use throughout PowerNet's corporate and contracting GIS user communities.

Smart Vehicles: Reliable Field Communications in Regional and Remote Areas

Derek Carty, NEC Australia

In this session, Derek will give an overview on the award-winning smart vehicle communications controller developed by NEC to manage voice and data to field vehicles over multiple networks, such as 3G, satellite and GRN. The vehicle also extends communications out to handheld devices that would otherwise have no coverage. NEC is working with Intergraph to provide high availability and coverage solutions for duress and field force automation.

Incidents Application

Lauren Scott and Nimisha Patel, Top Energy

In New Zealand, electric lines businesses are required to report the effect of power outages within their network to the Commerce Commission. Top Energy has added Intergraph's Incidents Application to their GIS to assist with outage reporting. This application allows GIS users to replicate the steps of the outage and the restoration within the GIS. Traces are run to collect information on numbers of customers and equipment affected by the outage and used to report annual network statistics. Incidents Application is also used to calculate the impact of outages due to planned maintenance and capital work, ensuring outage times are kept to a minimum. In this session, Lauren and Nimisha will outline Top Energy's installation and use of Incidents Application, and compare the results against previous reporting methods.

Steps to a Smarter Grid

Simon Ferneyhough, Intergraph

Whatever 'Smart Grid' means to your organisation, it is likely that all participants in the energy supply chain will be considering some sort of initiative in the near future to better manage resources and ultimately, to reduce carbon emissions. Intergraph has been working with electricity distribution companies for several years to help realise modern Smart Grid solutions including GIS, outage management system (OMS), distribution management system (DMS) and Smart Meter integration. In this session, Simon will outline some of the steps taken by Intergraph customers around the world including the preparation of accurate network asset information, implementation of real-time network management systems and working with an advanced metering infrastructure.

ABSTRACTS

DAY 2

WEDNESDAY 15 SEPTEMBER

KEYNOTES

Intergraph Technology Update

Simon Ferneyhough, Business Development Director, Utilities and Communications, Security, Government and Infrastructure, Asia Pacific, Intergraph

In recent years, Intergraph has established a 'Technology Vision and Roadmap' organisation to ensure product development is aligned with evolving technology trends for enterprise architectures. Technologies such as cloud computing, service-oriented architecture (SOA), 3D visualisation, mobile computing, and social networking are expected to impact the way Intergraph's customers access and utilise information. In this session, key technology trends will be examined against the roadmap for Intergraph's Security, Government and Infrastructure solution.

OnDemand Field Data Capture

Martin Byrne, GIS Team Leader, Utilities, Intergraph

In this session, Martin will give an overview on the field inspection application that is built on GeoMedia's OnDemand, providing users with the ability to inspect existing assets and to add new ones. Incorporating dynamic form generation, in-field data validation and GPS coordinates, the OnDemand field inspection application provides a robust inspection tool that is easy to use.

Motion Video Exploitation

Anton van Wyk, Industry Specialist, Geospatial Applications, Intergraph

In this session, Anton will cover Intergraph's Motion Video Exploitation (MVE) solution, which leverages full-motion video, giving analysts the ability to collect, analyse, and maximise the value of video assets. This breakthrough technology enables video collection and management, including the addition of clip marks and annotations, image enhancement, and integration with multiple geo-referenced sources to yield current, actionable intelligence. The MVE solution provides an end-to-end workflow to enable quick and orderly data collection, extraction, fusion, and analysis in the most complex and rapidly evolving situations.

Intergraph's Motion Video Analysis and Motion Video Analysis Professional are among the application components of Intergraph's high-impact Motion Video Exploitation solution. You can use these applications independently or together, depending on your unique requirements. Built on Intergraph's widely used GeoMedia platform, Motion Video Analysis and Motion Video Analysis Professional enable you to integrate data from disparate sources into a single environment for viewing, analysis, and presentation.

ResPublica Smart Client GIS

Ken Mathers, Senior Consultant, Intergraph

ResPublica is a powerful smart client solution built on top of GeoMedia and GeoMedia WebMap. It includes a sophisticated spatial indexing and caching solution to enable very fast display of large quantities of data over a thin client solution. ResPublica also includes a workflow methodology to enable data integrity through data capture and edit operations. This is achieved using the latest Java programming to minimise platform limitations. In this session, Ken will highlight the process to set up and maintain a ResPublica environment and he will demonstrate a simple model set up on New Zealand data in a very short time. He will also review some of the administration environment that is included with the ResPublica solution.

G/Technology View on WebMap and GeoMedia Viewer

Peter Elliot, Senior GIS Operator, Orion New Zealand Limited

At Orion, it is all about making things happen. In this session, Peter will share how Orion delivers electrical geographic asset information on the work site with GeoMedia Viewer and WebMap, including how data is translated and updated to GeoMedia Viewer and WebMap.

G!NIUS Multi-Utility Solution

Ken Mathers, Senior Consultant, Intergraph

In this session, Ken will present G!NIUS, a multi-utility solution built on top of G/Technology. Learn more about G!NIUS and its inclusions, and how the solution has evolved to fill a need within the market. There will also be the opportunity to review the architecture and Ken will demonstrate some examples of the functionality included in the solution.

G!NIUS has been developed by Intergraph in Europe to enable smaller utilities that do not require the full, comprehensive G/Technology suite, but to still be able to reap many of the benefits of G/Technology at a competitive price by embracing the true meaning of COTS software. It is able to be delivered and implemented very rapidly by providing a total solution supporting multi-utilities or by single-utility customers alike. All of the functionality is enabled via roles so that different functionality can be rapidly added or removed.

Intergraph Support

Robert Parsons, GIS Team Leader, Mapping, Intergraph, and Martin Byrne, GIS Team Leader, Utilities, Intergraph

Despite the credit crunch, it has been a busy year for the mapping and utilities teams. In this session, Robert and Martin will provide an update on support systems for customers in utilities and communications, and government and transportation industries. They will also share Intergraph's future plans for support systems in these industries.

GOVERNMENT AND TRANSPORTATION

GeoMedia 3D

Anton van Wyk, Intergraph

In this session, Anton will give an overview on GeoMedia 3D, which is the latest addition to the Intergraph GeoMedia product suite, a set of well-integrated applications that gives you a wide range of geospatial processing capabilities for defence, intelligence, government, transportation, utilities, communications, public safety, and security applications. GeoMedia 3D is a GeoMedia add-on product that extends the functionality of Intergraph's geospatial solutions through an integrated 3D visualisation and analysis environment. You can visualise, navigate, analyse, and interact with 3D data natively in GeoMedia. In addition, you can dynamically integrate surfaces, imagery, feature data, and vector data to provide a 3D view of all data sources in a GeoMedia 3D map window. Intergraph's GeoMedia 3D addresses the growing demand for realistic 3D views of geospatial data and enables the GeoMedia community to work in a 3D environment.

Use of GIS Data in Response to Recent Flooding Events

Suzanne Butler, Waitaki District Council

The Waitaki District Council GIS team was involved with the Civil Defence response to a five-day flooding event at the end of May in 2010. The flooding occurred over a broad geographic area with multiple road closures. In this session, Suzanne will share how the use of GIS data helped to assist in monitoring the event over the course of the flooding and its subsequent use during the recovery period.

GIS in Drinking Water National Environmental Standard

Bryan Clements, Environment Waikato

Environment Waikato has implemented the recent National Environmental Standard for drinking water. In this session, Bryan will share how GIS has added essential data and tools to enable councils to apply rules around resource consents and how they affect the quality of human drinking water.

Live Traffic Flow Data for New Zealand

Phil Allan, GeoSmart

Understanding traffic flow is essential before you can improve traffic movement and congestion in towns and cities. GeoSmart has developed a live traffic flow model in conjunction with its live traffic event services for New Zealand. The service has been running for four months and collects traffic speed and direction data across all arterial and main roads in New Zealand every five minutes and allows GeoSmart to display this data live and to be able to provide customers access to historical data based on any 15-minute time interval. Combined with this data, GeoSmart can compute live travel times between any two locations and combine this with existing road incidents, accidents and roadwork information. In this session, Phil will present a live demonstration of this data and explain how GeoSmart intends to make this data available to the market.

UTILITIES AND COMMUNICATIONS

Inspection and Vegetation Management

Ken Mathers, Intergraph

With ever-increasing demands to enable more sophisticated business demands on field force activities and the ever-increasing need to be able to audit the results of such activities, Intergraph has developed a total solution to complete the lifecycle activities of inspecting assets and managing vegetation-related activities of an electric utility. The solution has been built on top of G/Mobile using the same APIs and programming interfaces that are available to all G/Technology clients. It is the result of an extensive consultation with a number of utilities and a thorough design and professional build process. In this session, Ken will demonstrate the solution from the back-end setup through the field operations and back to the office upload of the results. He will also explain the architecture and the business processes that the solution was built to address.

Leveraging G/Technology Across the Enterprise

Anthony Miles, Northpower

Following on from a successful GIS implementation, Northpower continues to refine and expand the use of GIS across the enterprise. Built on the Intergraph G/Technology platform, Northpower has embraced service-oriented architecture, web services and XML messaging to deliver maximum business benefit. In this session, Anthony will discuss and demonstrate examples of innovative solutions developed on G/Technology, including aspects of works management, in-field data capture and voiceless dispatch. He will cover the underpinning philosophy of the design architecture and techniques that have been utilised to ensure a robust and scalable solution.

Fibre Update

Ken Mathers, Intergraph

In this session, Ken will share both current and future developments and discuss how the Intergraph fibre solutions have been designed and built to support ever-increasing worldwide demand for high-speed internet to every home. The solutions are required to not only record the proposed and as-built designs of the fibre cables, but also to record individual fibre circuit reports from one end of a circuit, through combinations of aerial cables, direct buried cables, cables pulled through manhole-duct networks and fibre strands and cables blown through microduct networks. The level of complexity of the circuits can become extremely complex. The Intergraph solution enables this complexity to be both modelled initially and then to be recorded as it is installed and commissioned.

GOLD SPONSORS

Oracle New Zealand is a wholly-owned subsidiary of Oracle Corporation. Oracle New Zealand was established in 1987 and has offices in Auckland and Wellington. The company provides software and services that enable organisations to get the most accurate and up-to-date information from their business systems. Today, Oracle New Zealand has more than 2,000 customers in all major industry groups.



GeoSystems New Zealand Limited is the country's leading supplier of global positioning systems (GPS), measuring instruments and design software solutions. Since its establishment in 1985, GeoSystems has been dedicated to supplying and supporting innovative products and technologies to New Zealand professionals and currently has offices located in Auckland, Wellington and Christchurch. Proud to provide complete solutions crossing a wide variety of industries, GeoSystems offers the latest equipment to assist its customers to increase their revenue through improved business practices using world-leading geospatial technology. Continuing their commitment to technological evolution and development, GeoSystems works closely with the master supplier of their primary product line, Trimble, to provide customer feedback directly to designers of the next-generation product.



EXHIBITOR SPONSORS

NEC supplies government agencies and private-sector companies with a range of IT services covering systems construction, maintenance and support, and outsourcing. Using its extensive experience in building highly reliable systems backed by state-of-the-art IT and network technologies, NEC aims to help realise an information society friendly to humans and the earth.

Empowered by Innovation



A leading global manufacturer and service provider of telecommunication, computer and electronic devices, NEC has devoted more than 100 years of technological innovation to providing its customers with solutions of genuine value through innovative technologies for everyday use, as expressed in its slogan "Empowered by Innovation". With innovation at the heart of the organisation, NEC has achieved global success in various fields, including IT and networking through state-of-the-art technologies and a wealth of experience to satisfy diverse customer requirements.

NEC maintains a worldwide network of subsidiary companies. NEC is the technology innovator and supplier of highly effective, reliable solutions that can be depended on by users and operators alike.

TracMap has developed an award-winning GPS guidance and reporting system designed to make vehicle-based tasks such as spraying or mowing easier, safer and more profitable. Designed and manufactured in New Zealand, the TM465 allows jobs to be allocated and displayed to staff, while electronically recording proof of placement. TracMap was the eighth fastest-growing company in the 2009 Deloitte fast 50, and won the 2010 Hi-Tech award for emerging company.



Terralink International is New Zealand's most trusted land and property information provider. The company's team of experts provide New Zealand organisations with the most timely, complete and accurate data – delivered how, when and where customers want it.



At the core of its business are spatial databases containing layers of information about every point of New Zealand. Terralink International holds, maintains and manages New Zealand's most comprehensive, accurate, and up-to-date land and property database. The data is trusted by the New Zealand Police, New Zealand Fire Service, and ambulance emergency services for whom Terralink International has been the incumbent provider of location data for over a decade. Terralink International is a private company with a heritage stretching back over 100 years. Today, the company's world-class team provides the critical spatial data that underpins much of New Zealand's infrastructure and high-tech economy.

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