

## The Technology Innovation Focus Day: JANUARY 25th 2010

Our recent research with defence and national security agencies across the world shows that there is a real lack of awareness and understanding of **what technologies and solutions are out there that can be turned into real geospatial intelligence** capabilities. You need to make sure that you are using the most innovative and relevant technologies and solutions available. Join the technology innovation day to get new ideas for effectively exploiting technology and technological solutions in the GIS capabilities. Case study presentations from defence and national security organisations and live demonstrations of effective technologies and solutions will form the basis for the day. Top technology and solutions providers will show you how they can overcome the challenges of achieving full situational awareness, cross-border interoperability and truly effective use of GIS both in-theatre and in day-to-day operations. Come to this event, together with your architecture team, to find out what is possible in GIS, and how you can use these new solutions in your own organisation.

### Innovative Solutions For Integrating Imagery, Intelligence & Capability Tools Into Your GIS Strategy

8:00 - Registration & Coffee

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8:30 - Chair's Opening Remarks

John F. Olesak, Vice President, Northrop Grumman

No session description available.

8:35 - Innovative Strategies For Effective Collection & Exploitation Of Satellite Imagery

Richard Smith, Force Information Manager, British Transport Police

Graham Davidson, DI ICSP ASI Photo, UK MoD

John Allan, Director of European Sales for Defence and Intelligence, DigitalGlobe

Zvonko Biljecki, President of the Board, Geofoto

Hugh MacKay, Director, European Sales, Intermap Technologies

Luca Pietranera, COSMO-SkyMed Lead Application Specialist, e-GEOS

This session is designed to give you an overview of the available imagery sources and effective strategies for imagery collection and exploitation. Providers of satellite and other imagery sources will be showing their latest advances in data provision and manipulation. The core objective of this session is to give you a clear overview of the available imagery sources as well as show you how you can best use and manipulate the data. Real life case studies from the British Transport Police & UK MoD, as well as demonstrations from some of the key solutions providers, will show you the latest advances in the collection and use of imagery around the world.

- Satellite imagery sources – gathering the right data at the right time
- Effective optical imagery exploitation
- Hyperspectral imagery exploitation
- SAR strategies and use

10:35 - Morning Coffee

Morning Coffee

11:00 -Developing A Cost Effective and Flexible Strategy For Gathering & Managing Data Within Your GIS Capability

Patrick Brooijmans, GIS Consultant, Netherlands MoD

- [-] Marlene Meyer, Head of Defence, Geospatial Organisation, Denmark
- John Day, Director Global Defence Business Development, ESRI
- Bret Cameron, Commercial Joint Mapping Toolkit (MJMTK) Program Manager, Northrop Grumman

As volumes and sources of data grow, GIS officers are experiencing even more pressure on sourcing and managing data effectively. This session will bring you the most effective solutions for sourcing timely, and easy to manage data. You will hear how other organizations manage and store data to enable efficient data analysis and dissemination. Live demos of the most innovative data sources management tools will be offered to you during this session.

- Assessing data volumes, quality and relevance
- Developing a long term data storage strategy
- Data management solutions and practical realities
- Looking into the future of data management – case studies

[-] 12:40 - Networking Lunch, Product Demonstrations & Discussion

Join speakers and exhibitors to experience their technologies, question their strategies and view live demonstrations at the exhibition hall. **YOUR CHANCE TO SEE TECHNOLOGY WORK!**

13:40 - Effective Strategies & Latest Solutions For Data Analysis

Michael W.Powers, Technical Director, US Army

- [-] Stefan Carlyle, Program Director, DEFRA
- Scott Simmons, Executive VP of Technology, TECHNIGRAPHICS
- David Stanley, Chief Technology Officer, PCI Geomatics

Timely and effective analysis of GIS data is at the heart of most decisions in defence and national security organizations. Are you analyzing data to give your GIS users the best possible information? Does your organization suffer from too much data and not enough analysis? Can you benefit from seeing how your colleagues from other countries segment and process data on a daily basis? Will you be looking to find new state-of-the-art solutions to help you analyse your imagery and non-imagery data? If the answer to any of these questions is YES, then this session is ideal for you and your data management architects. Find out how your colleagues and solution providers:

- Segment and organize their data
- Share data with other organizations and departments
- Enable data analysis on a continuous basis
- Implement a long-term data analysis strategy across their GIS organization

[-] 15:40 - Afternoon Coffee

Afternoon Coffee

16:10 – 18:10 - Building Your GIS Dissemination Strategy Through Cost Effective Use Of Innovative GIS Technologies

Michael W.Powers, Technical Director, US Army



Daniel Fainsod, Program Manager - National imagery Archive, ELTA Systems

Michael Arieli, Geo-Intelligence Systems Marketing Manager, ELTA Systems

John Lee, Director of Business Development, Vexcel, a Microsoft company

This session will bring together the most innovative case studies and solution providers to give you new ideas for expanding and developing their information dissemination capability. One of the biggest challenges for the GIS community is to keep abreast of all the latest technologies and solutions, while ensuring their GIS capability is flexible enough for future growth. Case study presentations from leading GIS technology and solution providers will form the core of this session, giving you new ideas for their GIS dissemination capability.