

International Data Links Society Newsletter

August 2018



INTERNATIONAL
DATA LINKS SOCIETY

International Data Links Symposium 2018

Event Programme

IDLS2018 Keynote Address

Rear Admiral Francis. D. Morley, Deputy Assistant Secretary of the Navy International Programs (NIPO), will be giving the Keynote address on Tuesday 30 October. The Admiral has served operationally as an F/A-18 pilot in Strike Fighter Squadron (VAF), been a test pilot, flown 35 different types of aircraft, completed numerous acquisition tours and served as vice commander of Naval Air Systems Command prior to his current appointment. No doubt during these and his other postings he has acquired a wealth of knowledge and will be well placed to discuss with delegates and exhibitors the challenges faced by the warfighter.

Lt Col Volker Schaaf, the Chairman of the Society, is looking forward to introducing the Admiral to the Society and our Symposium.

IDLS2018 Speaker Programme

This year's main session programme is now nearing completion, and we are pleased to confirm that this year's Symposium will feature **Government** presentations with topic titles including; 'Tactical Data Link Testing' 'Planning for Transformation', 'Combat Management System Integration of Multi TDLs', 'Link 22 Programmes' and 'Improving Information Sharing to Enhance Distributed Situational Understanding within a Joint Tactical Environment'

Presentations from our **Industry** speakers this year will include the topics; 'Practical Artificial Intelligence meets the TDL world', 'Ethical Hacking', 'Planning for Transformational Success; Interoperability with Intelligent Networks, Link 16 Image handling' and 'Multi TDL Operational Evolution'.

The complete main session timetable will be available [via the event website](#) in the near future.

Link 22 Panel Session

Link 22 has been a long time in the planning and the community of interest for Link 22 is now firmly transitioning into the deployment of capable systems. As operational deployment and testing is upon us, we thought it was important to spend a little more time informing the wider International Data Links Community of relevant Link 22 activities. To that end, the Society plan to run a Link 22 panel session. With a good balance of NILE PMO and key National Government officials agreeing to take part, the agenda for the panel will be quite wide ranging and will include the following topics:

- Introduction to Link 22 and NILE PMO activities - History, NILE / Partner Nations, PMO structure and responsibilities, Committees and Link 22 equipment components
- Becoming part of the Link 22 community - NILE Nation sponsorship, FMS processes, attendance at C&IWG/T&OWG and lessons identified so far
- Acquiring a Link 22 system – Experience of becoming a partner nation, building a business case, requirements capture and furnishing equipment from an interoperability assurance point of view
- Testing Link 22 – Approach to Test Coordination, Planning and examples of Execution (CWIX, TDL CaT ITS, IDLS Demo, Bilateral IO trials etc)
- Operational deployment – Moving beyond development phase, Network Management, and continuing to collaborate to achieve IO

The panel will be followed by the main IDLS Link 22 Demonstration, so that this specific subject is still fresh in the minds of delegates, who are keen to learn more on what Link 22 is and what capabilities it can bring us.

Demonstrations

This year there is a significant change in the way demonstrations will be performed at IDLS2018; the demonstrations will now take place in the exhibition hall space, prior to morning coffee, lunch and afternoon tea and will be fifteen (15) minutes long. This change has been made to enhance the delegate experience and enable exhibiting companies to make better use of their resources.

The demonstration team under the leadership of Jamie King (Viasat) have produced seven vignettes for IDLS2018.

- Planning Link 16, Time slot Duty Factor, Optask Link and Optask Comms.
- Planning Link 22.
- Link 22 Operations, what can it do for US.
- Bridging the gap, Link 16 integration with Link 22.
- Operating at the tactical edge.
- Air to Air intercept.
- Ballistic Missile Defence (BMD).

The vignettes are designed to demonstrate and examine data link capabilities and interoperability, operationally across a range of scenarios, including long range surveillance of the Pacific North West, Integration of VMF at the tactical edge and the detection of hostile aircraft.

More detailed information of the vignettes content and programme will be found in the handbook. There will be no sessions taking place during periods when demonstrations are being run in the exhibition hall giving all delegates the opportunity to attend.

IDLS2018 Social—Day of the Dead Party

Thank you to those members voted on what type of Social you would like to have this year. The Day of the Dead option was the firm favourite and we are working on finalising the details.

You are invited to join us in San Diego's 'Old Town', a wonderful spectacle of Mexican heritage in the heart of the city. Old Town is the oldest settlement in San Diego and is considered the birthplace of California. We plan to host a 'Day of the Dead' themed celebration on October 31st. The Day of the Dead is a traditional Mexican holiday that honours and celebrates deceased loved ones. The festival takes place from October 31st until November 2nd. Today, playful images of skeletons and decorated skulls have become heavily associated with the Day of the Dead. These themes will be heavily embedded in this year's social. The traditional party we host will be complete with flamenco dancers, traditional Mexican cuisine, roaming historical actors and Mariachi band. There is no better way to embrace the local culture. This social will take place at 'The Cosmopolitan Hotel' in Old Town, a venue that has watched the flourishing of San Diego around it for more than 200 years. As a place that was built to host prestigious fandangos, dances and parties back in 1827, this hotel is the perfect place to unwind, party, and experience authentic Southern American culture.



The booking system for the Social will be operational by the end of September and we will notify you when it is available.

IDLSoc Training Day 2018 Programme

The Society is pleased to present seven courses at this years IDLSoc Training day. You can read full details on the courses listed below [via the IDLS2018 website](#).

Training Course 1: The Integration of Strategic and Tactical networks to support operational C2

The topics discussed on this course will cover recent reviews of operational experience and current connectivity, as well as discussions on the past, present and future of CONOPS and how it will meet changing demands. *(3SDL)*

Training Course 2: Introduction to the VMF over Combat Net Radio

This course is aimed at those new to VMF with the goal to provide a working understanding of VMF assuming no prior experience. Different MIL-STDs will be discussed including Introductions to VMF Tactical Data Link, the Fundamentals of Terminal Phase Close Air Support and Troubleshooting of VMF Communications. *(Aeronix)*

Training Course 3: The Beginners Guide to Tactical Data Links

The Beginners Guide to Tactical Data Links aims to give delegates the basics of TDLs, covers an introduction to Link 11, Link 16, Link 22 and explores Network Management and Planning including Interoperability challenges. This one day training course will provide valuable insight for operators, engineers and procurement support staff who require foundation level knowledge needed to support their role in an emerging TDL related position. *(Atheniem)*

Training Course 4: Operational Characteristics and Implementation of Link 22

This training course will provide theoretical knowledge of Link 22, its employment and use within a distributed communications systems environment. It will give the participant a fundamental understanding of the architecture of a Link 22 (NILE) unit, network topology, concepts of DTDMA, and late network entry and will explore concepts for employment both at sea and ashore. *(Leonardo DRS)*

Training Course 5: The Future of Link-16 has arrived

The Link 16 Network Enabled JSOW C-1 has reached Full Operational Capability (FOC) with the Harpoon and SDB-II programs not far behind. The delivery of MIDS Baseline Upgrade 2 (BU2) will greatly improve throughput and security, and the MIDS JTRS CMN-4 terminals and will deliver a marked improvement in flexibility and network capacity. This one-day training course will provide insight into these new capabilities and how they will affect operations in the future. *(NCS)*

Training Course 7: Network Management - A Process not a Product

TCG aim to educate attendees in the processes of Network Management to provide a greater understanding of the array of factors involved within a Network Management System. This one day course will benefit users who are developing their own processes and understanding of network management and this will also benefit any user who has a requirement to select their own tools by providing a clear understanding of the purposes behind network management tools. *(TCG)*

Training Course 8: Managing the Tactical Bridge

This interactive session will cover topics such as Link 16 Network design, Information Exchange requirements and Link 16 Network Management. There will also be a demonstration showcasing how to bring the edge user into the tactical picture using both Link 16 and Wideband UHF (ANW2C). *(Viasat)*

PLEASE NOTE: Due to circumstances beyond the control of SyntheSys and ourselves Training Course 6 has been cancelled.

Attendance at International Data Links Symposium 2018

IDLS2018 Delegate Fees

All rates include complimentary WiFi, unlimited access to the Fitness Centre, complimentary shuttle service to various places of interest and a reduced parking fee of \$5.00 per day for hotel guests. Delegates can select a buffet breakfast option at \$16 per day, per head including taxes and gratuity.

Ticket Type	Government (USD)	Industry (USD)
IDLS2018 Delegate Ticket and 3 nights at the Town and Country Hotel	\$1253.31	\$1885.87
IDLS Delegate Ticket only	\$750.00	\$1300.00
IDLSoc Training Day	\$295.00	\$395.00
Hotel room at the Town and Country Hotel (per night, 29th/30th/31st Oct)	\$167.77	\$195.29

Hotel room prices are inclusive of 10.5% Tax, 0.6% CA Tourism Assessment Fee, and 2% San Diego Tourism District Assessment Tax and \$5 Hotel Daily Service Charge for Industry Delegates only.

Registration is open now via the event website at www.IDLS2018.com

IDLS2018 One day Passes

This year we will be offering one-day passes, for those people who are based locally and can all afford to take one day out of their hectic schedules. The pricing is shown below.

	1 to 9 tickets	10 to 19 tickets	20 + tickets
Government (USD)	\$250	\$225	\$200
Industry (USD)	\$433	\$350	\$300

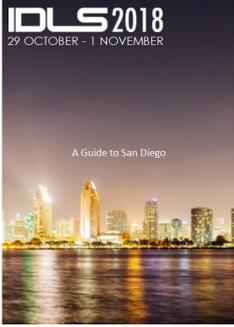
The registration system for one-day passes will be put live around the **17th September** and we will issue an emailer to all members once it is up.

Government and Military Personnel

As with previous years, the Society would like to invite Military and Government Personnel who are based in the San Diego area to visit the exhibition hall of the International Data Links Symposium on Wednesday 31st October from 1300 hours.

There will be no admission fee, but they will need to report to the International Data Links Society’s Registration booth, where they will be asked to show their Government or Military Identification. Once signed in they will need to wear their ID to gain access to the exhibition hall.

Please note: this offer does not extend to Government Contractors.



San Diego Information Pack

The San Diego Information Pack is now available from the IDLS2018 website; it's full of useful tips and advice regarding many of the top attractions available to visitors to San Diego, as well as important information about local laws, services and customs.

You can download your copy from the IDLS2018 [website here](#).

Confirmed Exhibitors



For more details about exhibiting at IDLS2018 and information on the new features please download the [Exhibitions Packages document](#).



International Data Links Society

One Network, One Team

Society News

Call for Training Providers

Do you provide Data Link training, anything from operational and maintenance of MIDS terminals to support of network management systems and other Data Link tools or any other Data Link related topics? If so, we would like to hear from you.

The Society is often asked to provide details of Training Providers and we are updating our list of Training Providers, so we can pass it on to those who have requested information.

The information will be provided by the Society without endorsement or recommendation to anyone requesting the data.

If this applies to you and you wish to take up the offer, please contact the [IDLSoc Communication Secretary](#) who will add your name to the list.

Corporate News

Corporate Memberships

We are pleased to confirm that [BAE Systems](#), [General Dynamics](#), [ISI Hellas](#) and [Viasat](#) have renewed their corporate membership this month.



INTEROPERABILITY SYSTEMS INTERNATIONAL

BAE SYSTEMS

GENERAL DYNAMICS
United Kingdom Limited

For more information about becoming a Corporate Member of IDLSoc please [click here](#).



Corporate News



New Gateway Showcased at the 2018 RIMPAC Exercise

Tuesday, August 14, 2018—Tactical Communications Group's (TCG) newest gateway, TDL Hub and Network Translator (HUNTR), played an important part in the Rim of the Pacific Exercise (RIMPAC) 2018, the world's largest international maritime warfare exercise. TCG was able to successfully demonstrate HUNTR to the US and Allied Special Forces units. The gateway was successful in creating a solid link between Link 16 and VMF participants in the exercise, resulting in shared situational awareness between the JTAC and participating aircraft.

TCG proved the capability to provide technical and tactical solutions to a variety of forces operating in a multitude of environments. "Gateway capability, Link 16 expertise, operational and planning expertise, and ultimately the ability to think through challenges in order to find an effective solution is where TCG earned its place among the elite warriors within the special operations realm," says Brian Bass, Program Manager for US Army and Special Forces, of TCG. "TCG recognizes the importance of bringing the robust and actionable information from Link 16 to warfighters on the tactical edge of the battlefield. We were pleased to be invited to join the exercise and that our new HUNTR product was able to support so many of its participants", said Michael Hiney, TCG's President and CEO.



Events Diary

Date / Time	Organisation & Location	Description
29 October 2018	IDLSoc Training Day 2018 Town and Country, San Diego, USA	Make sure that you save the date for the 2018 IDLSoc Training Day! For details visit the Training Day section of the IDLS2018 website .
30 October - 1 November 2018	IDLS2018 Town and Country, San Diego, USA	IDLS is returning to San Diego this year, taking place at the newly refurbished Town and Country Hotel. The event website is now live and updated regularly.
12 November 2018	TDL Summit National Convention Centre Canberra, Australia	The Australian TDL Interoperability Summit will be held prior to MilCIS 2018 on Monday the 12th of November 2018 at the National Convention Centre Canberra (NCCC) from 0830 to 1700. The agenda will consist of Defence and Industry Briefings and Networking opportunities. For the latest information, please visit the AS/NZ Chapter website here .
1 - 4 April 2019	NTDLS 2019 Calpe, Spain	The NATO Tactical Data Links Symposium (NTDLS) is an annual event which is open to Interoperability Platform Nations, at which TDL experts can share operational, technical and scientific experiences on TDLs.
13-15 May 2019	TCF 2019 Salzburg, Austria	The Tactical Communications Forum 2019 will be held in the beautiful city of Salzburg in Austria. The TCF focus is on providing an environment for presentations and discussions only. The target audience for the TCF is Military, Government and Industry personnel and is open for all attendees to provide useful presentations.

For more information, visit the events page at www.idlsoc.com.

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