



**THE
OTTAWA**

AFCEAN
April 2004

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AFCEA Golf Tournament

May 27, 2004 at The Meadows Golf Club.

For more information go to: www.afcea.ca/ott/golf.htm

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The Ottawa Chapter of AFCEA wishes to thank Unisys for sponsoring the April PD Meeting.

PD Presentation Report

Secure Supply Chain — Technical Architecture
Ned Ahearn, Partner, Supply Chain Management, Unisys Corp.

April PD Meeting Presentation, reported by Dave Edmunds

Mr. Ahearn commenced by stating that the extreme vulnerability presented by the supply chains serving our continent began to be taken seriously following the 11 September 2001 attacks. He said that the US Transportation Security Administration (TSA) had stated that maritime shipments represent about 95 percent of all non-NAFTA commerce in the US and contribute almost \$1 trillion to

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New Members

Corporate Members:

Lockheed Martin Canada: Charlie Johnson and Bob Parsons; Xwave Solutions: Peter Gauthier

Individual Members:

Bill Hawken; Angelo Iellina, AJJA; Peter Martin, RCMP; Doug Nickerson, Agilysys Canada Inc.; Kevin Rheault, Compuware; Catherine Simms, SoftChoice; Rick Thompson, Agilysys Canada Inc.; Elwyn Tiegs, DND; and Bob Tyler, Xerox Corporation

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Secure Supply Chain — Technical Architecture

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US Gross Domestic Product, while the Brookings Institution Press reports that the impact of a weapon of mass destruction shipped via container would be \$1 trillion, and if an efficient biological weapon were released in a major city the impact would be \$750 billion. Meanwhile, the Wall Street Journal was reporting that “about seven million containers enter US Ports annually; only 2% get checked.”

Mr. Ahearn said that the US has undertaken many initiatives. TSA’s Operation Safe Commerce (OSC) has a \$28 million pilot program focussed on protecting ports. US Customs has several extensive programs: to date 1,886 companies have signed up for the Customs-Trade Partnership Against Terrorism for which more than 300 companies have been certified; the global top 20 ports that ship to the United States have agreed to partake in the Container Security Initiative; and the 24 Hour Advance Manifest Rule requires importers to provide detailed cargo manifests 24 hours before a ship sails. The US Food and Drug Administration (FDA) Bio-Terrorism Act of 2002 requires importers to provide prescribed information on goods in advance. The US Department of Transportation’s (DOT) Intelligent Transportation Systems has tested a new technology involving electronic seals which passes shipment and container integrity data to a reader device. Mr. Ahearn said that these new regulations touch all aspects of Canadian trade routes. Export is 46% of the Canadian economy, and the trend is to increasing globalization of Canadian business. Recently, the smoothed annual growth rate has been 6.1%, with the Canadian business and services trends revolving increasingly around transportation. This employs 850,000 workers, 7% of the total workforce, and the trend is to a higher percentage. He pointed out that Canadian business competitiveness requires a level playing field, and that increased regulations could easily mean increased operational costs for business. He then reviewed some of the supply chains crossing the Canada-US border. For automobiles alone, Canada sends annually to the US a value of \$229B, while US ships Canada \$179B worth yearly. The trade employs 1.6 million jobs, represents 25% of world production, entails 29 plants in Canada, and involves an estimated 28,000 road border crossings daily. Maritime shipping to the ports of Vancouver and Halifax delivers approximately 3000 containers daily – many continue to the United States. Canada’s estimated daily air cargo is 2250 tons, 11% of which goes to the US, 30% to other countries.

Mr. Ahearn next focussed on TSA’s OSC, a \$58 million federal grant issued to three US load centres in the Los Angeles, New York, and Seattle areas, with the goal of exploring commercially viable options to protect commercial shipments from terrorist attacks, product contamination, illegal immigration, and contraband, while minimizing the economic impact on international trade. Commercial off-the-shelf systems must be used. Each load centre will test an entire supply chain from container stuffing to unloading. The constituents include TSA, the ports, Customs, DOT, and FDA from the public sector; certain importers, the Grant Integrator (Unisys), and all supply chain partners. The project will be accomplished by implementing agreed processes and technologies across the supply chain, executing 50 to 150 shipments.

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AFCEA Membership Information

For information about joining AFCEA, or to make changes to your membership profile (e.g. change of address), visit the AFCEA International website at www.afcea.org - click on "Join/Renew" or check the Portal.

If you should encounter problems, call 703-631-6158 or email services@afcea.org.

The AFCEA Ottawa Chapter would like to express its continuing gratitude to TIME ICR for providing its voice message system.



Secure Supply Chain — Technical Architecture

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The approach of the Grant Integrator is to concentrate on detection, prevention, monitoring, and alerts. This will be done by taking advantage of five aspects of technology: (1) the Internet to capture information and issue alerts; (2) communications processes to expedite data and documents across companies, governments



Ned Ahearn receives certificate from AFCEA Ottawa Chapter President Debbie Wolfenden

and systems; (3) sensors to prevent incursions and detect the status of a container at any time; (4) risk management software to perform non-invasive profiling of supply chains and in-transit containers, monitoring & analytics; and (5) Track & Trace software to improve inventory management and provide business benefit.

Mr. Ahearn then presented diagrams representing analyses of the technologies, the organizational architecture, and the communications required. He followed with lists showing types, details, and possible suppliers of individual technical equipments.

[Mr. Ahearn's presentation slides, giving a telephone number and email address, can be found at www.afcea.ca/ottawa.htm under Presentations]

Upcoming Events

Upcoming Luncheons:

May 4th, Army Officers' Mess

June 1st, Army Officers' Mess

Golf Tournament

May 27th, AFCEA Golf Tournament at The Meadows Golf Club.

Our annual golf tournament is again heading towards a most successful event - we are sold out, and have a waiting list. Still needed - sponsors and prizes. Please remember this tournament supports the Education Fund. Can your company sponsor? A form is available at www.afcea.ca/ott/golf.htm or contact the Ottawa Chapter office at 594-8788. Can your company donate prizes? We are trying to ensure there is one prize for each golfer. Contact Kelly Stewart-Belisle at 795-2850.

For any other information go to: www.afcea.ca/ott/golf.htm

WATCH THE CHAPTER WEBSITE FOR FULL DETAILS OF THIS YEAR'S SCHEDULE

May PD Meeting:

Tuesday, May 4th, 2004 at 12:00 noon

Army Officers' Mess, 149 Somerset Street, Ottawa

Speaker: **Bob Mornan, Treasury Board**

Topic: **Complimentary Skills Augmentation Pilot**

Booking Arrangements:

Please check the Chapter website www.afcea.ca/ottawa.htm or call 594-8788. Space is limited. Cost: \$15.00/person for industry or \$5.00/person for government employees. Pay by credit card in advance, or by cash or cheque at the door.

Registration deadline is Fri., April 30th

Abstract: Bob Mornan, Executive Director, Business Development, Chief Information Officer Branch, Treasury Board of Canada Secretariat will be presenting an overview of the Complimentary Skills Augmentation Program (CSAP) program that details the resourcing challenges within the GOC, how the CSAP is able to solve them, and how it will work including a path forward.

New!

Reader Feedback

Your comments or suggestions are most welcome. Please contact the editor at: hawkenw@hotmail.com

METHODS OF PAYMENT FOR LUNCHEONS & EVENTS

There are three methods of payment, available to you at:
<http://www.afcea.ca/ottawa.htm>.

Members wishing to pay in advance for their chapter luncheon or for a table by credit card (Visa, MasterCard or AMEX) may download the form, sign it and fax it to the AFCEA Ottawa Chapter - Administration Services: (613) 594-8717. Payment will be acknowledged by email and a receipt will be mailed.

YOUR INPUT-NEWSLETTER SUBMISSIONS

In keeping with Chapter direction to bring more discussion to the areas of professional development and to broaden the scope of the AFCEAN newsletter, we would welcome your articles, comments and contributions. Letters to the Editor are most welcome. Please feel free to submit your items of topical or general AFCEA interest (contracts and awards, promotions, upcoming events and courses) to the Editor for publication. Original articles which you the members may wish to submit or comment upon for publication are most welcome. **Please take advantage of this opportunity to let AFCEANs worldwide know what you and your Chapter are doing.** If you have any questions concerning the appropriateness of a submission please do not hesitate to contact the AFCEAN Editor. **Bill Hawken at 841-2912 or hawkenw@hotmail.com**