



WORLD CUSTOMS ORGANIZATION



Tax and Customs administration
Customs Administration of The Netherlands

WCO TECHNOLOGY & INNOVATION FORUM: Pushing Boundaries, Changing Horizons

World Trade Center
Rotterdam, the Netherlands
26 – 29 October 2015

Hosted by



Tax and Customs administration
Customs Administration of The Netherlands

Corporate Event Sponsor



Security & Detection Systems

Who will attend?

Customs and other border inspection authorities, technology and IT sector, research and academic institutes and business involved in the international trade arena

For further information about the Forum
visit the WCO website: www.etches.com/ti2015

Monday, 26 October

16.00-18.00

Pre-registration

18.00-20.00

Welcome cocktail sponsored by City of Rotterdam

Day 1: Tuesday, 27 October

Cooperation among supply chain actors

08.00 – 09.00

Arrival of the participants and registration

Welcome coffee sponsored by



09.00 – 09.50

Opening addresses

1. Mr Kunio Mikuriya, Secretary General, WCO
2. Mrs Aly van Berckel – Van de Langemheen, General Director, Customs Administration of the Netherlands
3. Mr Eric Wiebes, Secretary of State, Ministry of Finance of the Netherlands

09.50 – 10.20

Keynote address. Mr Paul Simpson, Vice President & General Manager, Cargo Solutions, L-3 Security & Detection Systems

10.20 – 11.20

Coffee and networking break in the exhibition area sponsored by



11.20 - 12.00

Opening presentation

Customs enforcement vision – pushing boundaries

Mr Frank Heijmann, Head, Trade Relations, Customs Administration of the Netherlands

12.00 – 13.30

Round-table 1: Emerging challenges & border responses

This Round-table seeks to explore emerging challenges and developments relevant in the different areas of border management. Some of these issues will be further addressed in specific sessions during the Forum.

MC: Mr Hans Van Grieken, Vice President Research, Office of the CIO Research Team, Gartner

1. Mr Kunio Mikuriya, Secretary General, WCO
2. Mr Karl Brauner, Deputy Director General, WTO
3. Mr Fabrice Leggeri, Executive Director, Frontex
4. Mr Marek Retelski, Deputy Secretary General, IRU

13.30 – 14.30

Buffet lunch and networking break in the exhibition area sponsored by



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Round-table 2: Doing more with less: a policy option or a strategic priority?

14.30 – 16.00

This Round-table is dedicated to the review of the newly acquired functions by Customs and the role and place of technologies in Customs operations.

MC: Mr Tomas Kucirek, Head of Unit, Customs Policy, Directorate General TAXUD, European Commission

1. Mr Leigh Winchell, Deputy Director, Enforcement Sub-Directorate, World Customs Organization
2. Rear Admiral Jay M. Cohen (ret-USN), Chief Operating Officer, Decision Sciences
3. Mr Eric Jones, Senior Engagement Lead, DCTA

16.00 – 16.30

Coffee and networking break in the exhibition area

sponsored by



Session 1: Managing risks in times of big data

16.30 – 18:00

This session will address the issue of big data from border management perspective, including but not limited to its value for risk management and daily enforcement operations.

MC: Dr Ziv Baida, Business Development Director European Government, Dun & Bradstreet

1. *Big data analysis in border related crime.* Mr Kenneth J. MacDonald, Co-Principal Investigator, Northeastern University, Institute for Security and Public Policy
2. *Are you turning Insight into Value?* Mr James Canham, Managing Director, Global Customs Lead, Accenture
3. Dr. Richard Heimann, Professor, University of Maryland.

19.00

Departure from hotel for dinner hosted by



Customs Administration of the Netherlands
Tax and Customs Administration

Day 2: Wednesday, 28 October 2015

Inspections & Technology

08:00-09:00

Registration.
Welcome coffee sponsored by



09:00-09:30

Keynote address

From steam engine to smartphone: a new society arising from technology
Mr Danny Mekić, Entrepreneur, boardroom consultant

09:30-11:00

Session 2: What's in the box? New detection technologies & their functions

This session is dedicated to the latest developments in the area of detection technologies

MC: Mr Mutunga Mutua, Technical Director, Navisat

1. *Technological innovation of inspection equipment for effective border control in Japan.* Mr Noriaki Oka, Director General, Central Customs Laboratory, Ministry of Finance, Japan
2. *Scientific laboratory of the Dominican Republic Customs, social impact.* Mr Gregorio Lora, Advisor to the Director General, Deputy Director, Technologies and Communications, Dominican Republic Customs
3. *Methods of concealment of small arms and light weapons — Mexico's experience in addressing this phenomenon.* Mr Gerardo Suarez Hasbach, Head of Office, Field Operations, General Administration of Customs, Mexico
4. *Towards higher integrated intelligence in Customs management.* Mr Marc-Antoine Godat, Vice President, Nuctech Europe

11:00 – 11:30

Coffee and networking break in the exhibition area

sponsored by



11:30 – 13:00

Session 3: The why and how of modern surveillance technologies

Speakers will explore the use of surveillance technologies in daily Customs operations

MC: Mr. Julian Payne, Product Director, De La Rue


1. *Work with data obtained through controlled deliveries and risk management - an enforcement loop.* Mr Rudy Hui, Deputy Head, Office of Project Planning and Development, Hong Kong Customs
2. *Advancing border security through next generation technology.* Ms Colleen Manaher, Executive Director for Planning, Programme Analysis and Evaluation, US Customs and Border Protection
3. *API-PNRGov for securing cross-border travel facilitation.* Mr Agung Kristiyanto, Head of Section, Directorate of Enforcement and Investigation, Indonesian Customs


13:00 – 14:00

Buffet lunch and networking break

in the exhibition area sponsored by



14.00 – 18.00	Break-Out Session 1	Break-Out Session 2	Break-Out Session 3
Room	Diamond I&I	Leeuwen I&I	Mees Auditorium
14.00-14.30	I. <i>Secure, track and trace the international movement of goods.</i> Mr Philippe Grosjean, Chief Information Officer, International Road Transport Union (IRU)	I. <i>Radiation detection solutions from Rapiscan Systems</i> Mr Robert S. Frankle, Global Marketing Director for Radiation Detection Products, Rapiscan Systems	I. <i>Trading places – Customs digital trade.</i> Ms Prathna Singh, Senior Manager, EALA Customs Lead, Accenture
14.30-15.00	II. <i>Technology to support the fight against illicit tobacco products.</i> Mr Brian W. Lee, Technical Committee Chair, DCTA	II. <i>Neutrons + X-rays in cargo scanning - current and future possibilities.</i> Dr Nick Cutmore, Research Scientist, Nuctech	II. <i>From laboratory to field: preventing the proliferation of narcotics and explosives at the point of inspection.</i> Dr. Aaron S. Poynton, Director Global Safety and Security Sales, Thermo Fisher Scientific
15.00-15.30	III. <i>Transforming data into value.</i> Mr Leon Kanters, Partner, KPMG Meijburg & Co Trade & Customs	III. <i>Now You See It: The Power of MMPDS - Seeing is Believing.</i> Rear Admiral Jay M. Cohen (ret-USN), Chief Operating Officer, Decision Sciences	III. <i>10 hacks to facilitate Customs tasks by using innovative solutions.</i> Ms Barbara Soto, Deputy Manager, SGS
15.30-16.00	Coffee and networking break sponsored by 		
16.00-16.30	IV. <i>CORE: NL pilot for optional dual filing.</i> Mr Eric Geerts, Director Product Management, Customs Solutions Europe, Descartes	IV. <i>Utilising X-ray portals to maximise detection and throughput at ports and borders.</i> Mr Richard Mastronardi, Director of Business Development, American Science and Engineering, Inc.	IV. <i>Now that I've got my Single Window, what can I do to improve the view? Real world challenges and solutions for harmonizing trade data across the Enterprise.</i> Mr. Chris Corrie, Director, Global Trade and Cargo Security Practice, Dun & Bradstreet
16.30-17.00	V. <i>Civil aviation - vector of contraband.</i> Mr Mircea Tudor, President, Tudor Tech	V. <i>iCmore, the innovative software suite.</i> Mr Jean-Olivier Fer, Product Director for high-energy Inspection, Smiths Detection	V. <i>The CORE project, how supply chain visibility creates a win-win situation for both industry and society,</i> Mr. Gerwin Zomer, Senior Programme Manager, TNO Sustainable Transport & Logistics
17.00-17.30	VI. Mr Iain Baguley, Sales & Marketing Director, Trans 2 Logistics Solutions	VI. <i>How to create and maximise the value of chemical intelligence from the supply chain.</i> Mr. Peter Höjerback, CEO, Serstech	VI. <i>Automated comparison of X-ray images for cargo scanning (ACXIS), and how to train and certify the X-ray image operator.</i> Mr Wicher Visser, Project Manager, and Ms. Claudia

			Lüchinger, Product Manager, Center for Adaptive Security Research and Applications (CASRA)
17.30-18.00	VII. <i>End-to-end smart seals and shipment visibility using consumer hardware and IoT devices.</i> Mr Robin Puthli, Director, ITUDE	VII. <i>Computerisation of the TIR procedure.</i> Mr Joan Padreny, Information Systems Officer, TIR Secretariat, United Nations Economic Commission for Europe	VII. <i>C-BORD a new generation of active and passive screening capabilities.</i> Dr Geraint Dermody, Director of Business Development, Symetrica
19.00	Dinner sponsored by		

Break-Out Session 4 – Wednesday 28 October 2015

Research Track and Poster Session

Location: Goudriaan I&II

14.00-14.10	Welcome and introductory remarks
14.10-14.15	Customs Master. Rotterdam School of Management
14.15-14.45	<i>Using Container Status Messages to improve targeting of high-risk cargo containers.</i> Aris Tsois, Jose Antonio Cotelo Lema, Michail Makridis and Enrico Checchi
14.45-15.10	<i>An initial version of a federated infrastructure implementing the global data pipeline.</i> Wout Hofman
15.10-15.30	Poster presentations*
15.30-16.00	Coffee and networking break sponsored by 
16.00-16.05	Customs Bachelor Degree. Fontys University of Applied Sciences. Thierry Verduijn
16.05-16.30	<i>Increasing X-ray image interpretation competency of cargo security screeners.</i> Stefan Michel, Marcia Mendes, Jaap C. de Ruiter, Ger C. M. Koomen and Adrian Schwaninger
16.30-16.55	<i>Feasibility of fully 3-dimensional X-ray tomography of sea freight containers: an implementation study.</i> Theobald Fuchs and Frank Sukowski
16.55-17.20	<i>Control and monitoring in international logistics chains.</i> Albert Veenstra, Joris Hulstijn and Yao-Hua Tan
17.20-17.45	<i>Human security radar: fully automatic early-warning person screening system for border/Customs checkpoints.</i> Jan Persson and Dmitrii Vakhtin
17.45-18.00	Concluding remarks
19.00	Dinner sponsored by 

*Posters are located in front of Mees Auditorium

Day 3: Thursday, 29 October

Trusted Trade Relationships

08:00-09:00

Registration.
Welcome coffee sponsored by



09.00 – 09.20

Keynote address. *Shared Data Integration for Secondary Inspection Regimes*
Mr Jonathan Fleming, President, S2 Global

09:20-09:40

Results of the Research Track. Presentation of the winning paper and Award Ceremony
Yao-Hua Tan (TU Delft and Rotterdam School of Management), Thierry Verduijn (Fontys University of Applied Sciences), Klaas Wassens (Rotterdam School of Management).

09:40-11:10

Session 4: Fostering partnerships in the fight against illegal trade
This session will demonstrate practical examples on how governmental authorities, technology producers and non-governmental organizations can work together in the fight against illegal trade

MC: Mr Leon Kanters, Partner, KPMG Meijburg & Co Trade & Customs

1. *UK express courier targeting - a joint working initiative allowing for better enforcement through legislation and cooperation with trade.* Mr Stevan Jones, Senior Officer, Fast Parcel Targeting Team, UK Border Force
2. *Using open data and public-private partnerships to disrupt illicit networks.* Mr Varun Vira, Chief of Analysis, C4ADS
3. *Partnership “by design”: what it means for high security solutions.* Mr Sauro Nicli, Head of Solutions and Innovation, SICPA Government Security Solutions

11.10 – 11.40

Coffee break
sponsored by



11.40 – 12.10

The new Renaissance and the endless possibilities of the network and information age.
Mr Martijn Aslander

12.10 – 12.30

Concluding remarks. Official closing of the Forum

12.30 – 13.00

Buffet lunch and networking break in the exhibition area
sponsored by



13.00 – 19.00

Specialised visits