Sunday, March 22, 2015

12:00pm – 5:00pm  Registration  British/Columbia Foyer

4:00pm – 6:00pm  BIT Airport/Associate Discussion Forum *(Open to all registered attendees)*

*Saturna Island*

This new two-hour meeting will provide an excellent opportunity for everyone involved in the ACI-NA BIT Committee, and especially those new to the airport arena, to learn more about the industry. Participants will be able to collectively discuss emerging airport technology challenges/trends of common interest and share best practices. The meeting will be facilitated by the Committee Chair, and supported by other Steering Group members.

Topics will include:
- Aviation Information Data Exchange (AIDX)
- Airport Community Recommended Information Services (ACRIS)
- Challenges Associated to Airports (Large, Medium and Small Hubs)
- Emerging Airport Technologies

Facilitators: Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland
Dave Wilson, Chief Aviation Technologist, Seattle-Tacoma International Airport

Monday, March 23, 2015

7:30am – 5:00pm  Registration  British/Columbia Foyer

7:30am – 8:30am  Continental Breakfast  Columbia

8:30am – 8:45am  BIT Committee Welcome & Opening Remarks

*Saturna Island*

Speakers: Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland
Steve Hankinson, Vice President, Operations and Information Technology, Vancouver Airport Authority

8:45am – 10:00am  Airport Roundtable *(Open to all registered attendees)*

*Saturna Island*

Don’t pass up the opportunity to participate in the Airport Roundtable and engage in candid discussions with your peer airports. This perennially popular session allows airport and World Business Partners/Associate Members an opportunity to hear about ongoing airport IT projects and airport development throughout the ACI-NA airport membership.

Moderator: Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland

10:00am – 10:30am  Networking Break  British/Columbia Foyer

10:30am – 11:15am  Industry Updates

*Saturna Island*

Moderator: Dave Wilson, Chief Aviation Technologist, Seattle-Tacoma International Airport

**DOT Kiosk Accessibility Requirements**

Speaker: Patty Edwards, Managing Director Passenger Services, Airlines for America
**PCI Compliance and EMV Chip**

Speaker: John Vinelli, Manager of IT Projects, Greater Orlando Aviation Authority
Sam Ingalls, Assistant Director, Information Systems, McCarran International Airport

**Government Affairs Update**

Speaker: George Kelemen, Senior Vice President, Government and Political Affairs, ACI-NA

11:15am – 11:45am  
*Saturna Island*

**Facilitation Update**

The facilitation of international passengers through the airport process continues to evolve as traffic levels increase and federal resources remain constant. New regulations and the introduction of technology are reshaping the passenger experience and facility design. Join this session to hear an overview of the major changes happening in the world of international passenger facilitation.

Speaker: Matt Cornelius, Managing Director of Air Policy, ACI-NA

11:45am – 1:00pm  
*Lunch*  
*Columbia*

1:00pm – 2:00pm  
*Saturna Island*

**Managed Infrastructure – Lessons Learned**

Airports with experience in managing shared use networks will form a panel to talk about lessons learned in development and management of a shared use network for the airport, including the challenge of building out the physical infrastructure required to support shared use.

In old business models, airlines and tenants in the airport terminals built-out their own infrastructure and managed it. However, as tenants move in and out, often old infrastructure is left behind making an unusable maze of cabling. In a shared use network airports build out a manageable physical infrastructure and manage it themselves, becoming a service provider to tenants.

Moderator: Pamela Bell, Principal, cismatica

Speakers: Rick Belliotti, Director, Information & Technology Services, San Diego County Regional Airport Authority  
Royce Holden, Director of Information Technology, Greater Asheville Regional Airport Authority  
Ted Cisine, GISP, Aviation Technology Operations Manager, Charlotte Douglas International Airport  
James Wheeler, IT Manager, Sacramento County Airport System

2:00pm – 2:45pm  
*Saturna Island*

**Airport – Concessionaire Relationship: Technology Focused**

HMSHost manages customized food and beverage programs at 110 airports worldwide. Their expertise incorporates every facet of successful terminal development – from planning to brand relations, custom brand creation, design, training, supplier systems, safety and security programs, and restaurant operations. The CIO will discuss the need for closer collaboration with business partners operating within the airport environment. Topics covered will include PCI compliance, explosion of mobile devices and consumer expectations, managing consumer experience & demand when it comes to technology, mobile application fatigue, environmental constraints, and new immature vendors in innovation space. Also hear about HMSHost’s vision for the future at airports.

Moderator: Dave Wilson, Chief Aviation Technologist, Seattle-Tacoma International Airport
Transportation Network Companies (TNCs): Airport Technology Perspective

Transportation Network Companies (TNCs) have disrupted airports’ traditional ground transportation business and operations models. Airports worldwide are looking for ways to protect travelers and manage revenues in a new business environment where transponders, the principal mechanism for managing commercial vehicles on private property, do not exist. This brief talk takes a look at the impact TNCs are having on airports, how SFO has adjusted to this new business model, and how airports can best manage their technology challenges in this new environment.

Moderator: Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland

Speaker: Ian Law, Deputy Airport Director/Chief Information Officer (CIO), San Francisco International Airport

4:00pm – 5:00pm

BIT Targeting Networking

Open session for industry networking between airports and World Business Partners/Associate Members. Sit down with your preferred contacts to discuss key issues, important events and fact finding during this unstructured time for meetings.

5:30pm – 7:00pm

Welcome Reception  British/Columbia Foyer

Catch up with old friends and make new ones at ACI-NA’s welcome reception. It is the perfect opportunity to find out what your colleagues are doing to address the challenges of our ever-changing regulatory and operational environment.

Tuesday, March 24, 2015

7:30am – 4:00pm

Registration  British/Columbia Foyer

7:30am – 8:30am

Continental Breakfast  Columbia

8:30am – 9:00am

Host Airport Welcome and View from ACI-NA Leadership

Vancouver International Airport will welcome attendees to the meeting and ACI-NA President & CEO, Kevin Burke, will provide an overview of what to expect from ACI-NA in 2015.

Speakers: Craig Richmond, President & Chief Executive Officer, Vancouver Airport Authority
Kevin M. Burke, President & Chief Executive Officer, ACI-NA

9:00am – 9:45am

Leading The Way! Overcoming North American Airport Challenges

Airports in the U.S. and Canada are facing a host of planning, operational, construction, security, environmental and technological challenges in a continually changing aviation industry. In this engaging panel discussion, hear from ACI-NA’s Committee Chairs on how we can prepare to meet these challenges through collaborative and innovative work among the four committees and though partnerships with key industry partners.
Moderator: Kevin M. Burke, President & Chief Executive Officer, ACI-NA

Speakers:
- Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland & Business Information Technology Committee Chair
- Cedric Johnson, Director, Office of Airport Security, BWI Thurgood Marshall Airport & PS&S Committee Chair
- Lyn Michaud, Assistant Director, Environment and Sustainable Development, Aéroports de Montreal & Environmental Affairs Committee Chair
- Nathalie Samson, Director, Security, Vancouver Airport Authority and Canadian Airports Council Security Committee Chair
- Emily Underhill, Division Director – Development, Southwest Florida International Airport & Operations & Technical Affairs Committee Chair

9:45am – 10:15am  
Networking Break  British/Columbia Foyer

10:15am – 11:45am  
Plenary Session: UASs/RPVs: What’s the Airport’s Role?

Whether you call them unmanned aircraft systems (UAS), remotely piloted vehicles (RPVs), or even “drones”, these new generation aerial vehicles are having broad and significant impacts on both the US and Canadian aviation industry. In this plenary session, we’ll discuss the rapidly evolving roles and capabilities of UASs as well as the safety, regulatory, and operational issues associated with their use.

Moderator: Robert Mattingly, Vice President & Chief Operating Officer, Sarasota Manatee Airport Authority

Speakers:
- Dave Dixon, Inspector-Flight Standards, Transport Canada
- Chris Oswald, Vice President, Safety & Regulatory Affairs, ACI-NA
- Danielle Rinsler, Assistant Manager, Office of Airport Planning & Programming, FAA
- Declan Sweeney, Ex Officio Board Member, Unmanned Systems Canada

11:45am – 1:00pm  
Lunch  Columbia

1:00pm – 2:00pm  
Session 1A  Waddington
Microgrids and Other Innovative Energy System Developments

Moderator: John Putnam, Partner, Kaplan, Kirsch and Rockwell

Speakers:
- Paul Manasjan, Director, Environmental Affairs, San Diego International Airport
- Dr. Martha Symko-Davies, Director of Partnerships, Energy Systems Integration, National Renewable Energy Labs
- Lloyd Tillmann, Director of Operations, Tampa International Airport

Session 1B  Vancouver Island
Airport Collaborative Decision Making/Surface Management

Moderator: Ken Greene, Chief Operating Officer, Denver International Airport

Speakers:
- Lorne Cass, Director-Surface Operations, FAA
- Robert Junge, Vice President, Airport Solutions & Product Management, PASSUR Aerospace

Session 1C  Pacific
Cybersecurity – Managing the Human Element

Moderator: Micaela Le Blanc, Division Director, IMTG Business Applications and Support Division, Los Angeles World Airports

Speakers:
- Bryan Mills, Director, Cybersecurity, ServiceTec Airport Services International
- Lorena de Rodriguez, President, SSI, Inc.

Chris Oswald, Vice President, Safety & Regulatory Affairs, ACI-NA
2:00pm – 2:10pm

Session Transition

2:10pm – 3:10pm

Session 2A  Waddington

PBN and Noise: Where Do We Stand Post PBN Blueprint

Moderators:
Mary Ellen Eagan, President & CEO, HMMH
Scott Tatro, Airport Environmental Manager, Los Angeles World Airports

Speakers:
Greg Albjerg, Vice President, HNTB Corporation
Mark Cheng, Supervisor, Noise Abatement & Air Quality Vancouver Airport Authority
Jason Schwartz, Senior Noise Analyst, Port of Portland

Session 2B  Vancouver Island

Baggage Screening System Recap Projects

Moderator:
Jennifer Sullivan, Director, Corporate Safety and Security, Greater Toronto Airports Authority

Speakers:
Michael Healy, Vice President, Infrastructure & Commercial Development, Halifax International Airport Authority
Denis Perron, Manager, New Technology Introduction, Canadian Air Transport Security Authority
Emily Underhill, Division Director – Development, Southwest Florida International Airport

Session 2C  Pacific

Security Technology – Lessons Learned from Active Shooter Incident

Moderator:
Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland

Speaker:
Melodie Johnson, Division Director, IMTG - Airport Systems Division, Los Angeles World Airports

3:10pm – 3:20pm

Session Transition

3:20pm – 4:20pm

Session 3A  Waddington

Winter Operations/Deicing Program Management

Moderator:
Ian Redhead, Deputy Director, Operations & Maintenance, Kansas City International Airport

Speakers:
Brenda Enos, Assistant Director Capital Programs & Environmental Management, Massport
Jill Greene, Principal Geologist, CDM Smith
Dean Mericas, Ph.D., Senior Aviation Consultant – Environmental Compliance, Mead & Hunt, Inc.
Paul Sichko, Assistant Director of MSP Operations, Metropolitan Airports Commission

Session 3B  Vancouver Island

TSA Operations

Moderator:
Frank Capello, Director of Security, Broward County Aviation Department

Speaker:
Darby LaJoye, Deputy Assistant Administrator, Office of Security Operations, TSA

Session 3C  Pacific

Managing the Management Systems

Moderator:
Frank Barich, Principal, Barich, Inc.

Speakers:
Paul Drury, Strategy and Marketing Director, Ultra Electronics Airport Systems, Inc.
Paul Hetzel, Director of Information Services, Raleigh-Durham Airport Authority
Chris Richards, Director, Technology Services, Vancouver Airport Authority
Peter Sonnenfeld, Director Aviation IT USA, Siemens Logistics and Airport Solutions
4:20pm – 4:30pm  **Session Transition**

4:30pm – 5:30pm  **Session 4A Waddington**  **Session 4B Vancouver Island**

**FAA Update**  **TSA Policy Operations & Global Strategies**

**Moderator:** Keith Wilschetz, Director of Airport Planning, San Diego International Airport

**Speakers:**
- Michael J. O’Donnell, Director, Office of Airport Safety and Standards, FAA
- Danielle Rinsler, Assistant Manager, Office of Airport Planning & Programming, FAA
- Rhonda Solomon, Environmental Protection Specialist, Office of Environment and Energy, FAA

**Moderator:** Cedric Johnson, Director, Office of Airport Security, BWI Thurgood Marshall Airport

**Speakers:**
- Mike Keane, Director, Aviation Division, Office of Security Policy & Industry Engagement, TSA
- Kristen Simonds, Representative to Canada, TSA

6:00pm – 7:30pm  **Host Airport Reception  The Roof**

Join your fellow attendees from across the Business Information Technology, Environmental Affairs, Operations and Technical Affairs, and Public Safety and Security conferences at the top of the Fairmont Vancouver in The Roof for our host airport's Welcome Reception. Enjoy inspiring views of the city and the warm hospitality of Vancouver International Airport as you reconnect with friends and network with colleagues from across ACI-NA’s airport and WBP/associate members.

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**Wednesday, March 25, 2015**

7:30am – 8:30am  **Continental Breakfast  British/Columbia Foyer**

8:45am – 10:00am  **Airport Networks in the “Cloud”: NFV, SDN and What They Mean for Airport IT  Saturna Island**

Airport networks are increasingly inundated with traffic from data hungry devices, even as airport IT directors stretch their networks to support new technologies like location-based services, asset tracking and security services.

With the Internet of Everything becoming a reality and the BYOD trend continuing, airports require innovative, agile networks that can scale to meet demand, accelerate deployment of new services to enhance travel experiences, and increase landside revenues. Two new acronyms – NFV and SDN – hold the key to a new era of network flexibility and scalability. This session will explore the role of these technologies in the multitasking airport network.

**Moderator:** Scott Phillips, Vice President Business Development, Boingo Wireless

**Speakers:**
- Cam Cullen, Vice President of Marketing, Procera Networks
- Houman Modarres, Marketing, Nuage Networks
- Marc Patterson, Vice President of Product Management, Boingo Wireless
10:00am – 10:30am  **Networking Break  **  *British/Columbia Foyer*

10:30am – 11:45am  **Consumerization of IT: Approaches to your users demand BYOD and Cloud File Storage (Dropbox, Box, etc.)**  

The traditional definition of enterprise IT has changed drastically with the migration to smartphones, tablets and the option of using cloud storage for all devices. This session will deal with implementing BYOD and cloud storage in a public sector setting. Policy, costs and operational issues will be presented and a approach to solving the challenges.

**Moderator:** John Payne, Principal Consultant, Pueblo Technology Group, Inc.

**Speakers:**
- Brice Callison, Mobile Solutions Architect, Dell Services
- Vanessa Hickman, Vice President & CIO, Metropolitan Nashville Airport Authority
- Royce Holden, Director of Information Technology, Greater Asheville Regional Airport Authority
- John Newsome, Director of Information Technology, Greater Orlando Aviation Authority

11:45am – 12:00pm  **Closing Remarks**  

Linda Dyson, Senior Manager, Technology Infrastructure/Operations, Port of Portland

12:00pm – 12:30pm  **Box Lunch  **  *British/Columbia Foyer*

12:30pm – 3:30pm  **Tours of Vancouver International Airport (RSVP Required)**

**Please Note:** All attendees must bring valid current government-issued photo ID in order to participate. Buses will depart for the airport at 12:30pm sharp! Attendees may bring their box lunches on the bus. Buses will return to the hotel after the tours for those not flying out on Wednesday. Our host airport has organized two exciting tours for conference attendees, one airside tour and one terminal tour.

**YVR Airside Tour**

Get out of the conference and onto the airfield. YVR invites you to explore what their airside has to offer. Members of YVR’s airside operations and environment teams will give you a sneak peek at our newly constructed Airside Operations Building that brings all our airside operations team together under one roof – find out why it’s being called the greenest building at YVR. You’ll also get to see our glycol management system at work and hear more about their wildlife program, and maybe even see a furry member of the program at work.

**YVR Terminal Tour**

YVR is often lauded for its unique sense of place that guides everything from their terminal design to customer experience and selection of art. Join us on a tour that will take you both pre- and post-security and will explore key themes including their sense of place that help them improve the passenger experience. We’ll show you our innovative technology solutions to make passenger processing more efficient, look at their new terminal waste compost collection pilot designed to help meet the sustainability goals of their community and talk about their approach to universal access that guides decision making. Along the way, you may even meet one of YVR’s 475 Green Coats volunteer ambassadors who help them care for every customer.