AAAE NextGen Airport Conference and Expo

SOLUTIONS FOR AIRPORTS — ADS-B AND BEYOND

August 5-7, 2008
LOUISVILLE, KENTUCKY

CONFERENCE PROGRAM

PRESENTED BY:
American Association of Airport Executives (AAAE)

SPONSORED BY:
BrainStore • Chauntry Corporation, Ltd. • Eagle Integrated Solutions, Inc. • Era Corporation • ITT Corporation • Lockheed Martin Corporation

HOSTED BY:
Louiville Regional Airport Authority

www.NextGenAirportConference.com

CONFERENCE PROGRAM

MONDAY, AUGUST 4

3:00 pm – 9:00 pm | **Exhibit Set-up**

TUESDAY, AUGUST 5

7:30 am – 8:30 am
Regency North/Center

Registration and Continental Breakfast with Exhibitors

SPONSORED BY: Lockheed Martin

8:30 am – 10:00 am
Regency South

Conference Opening and Welcome

Alex Gertsen
Director of Regulatory Affairs
American Association of Airport Executives

Skip Miller, A.A.E.
AAAE Technical Services Commitee Chair
Executive Director
Louisville Regional Airport Authority

Peggy Gervasi
JPDO Policy Director
U.S. Federal Aviation Administration

Michael Romanowski
Director of FAA's NextGen Implementation and Integration
U.S. Federal Aviation Administration

Honorable Kathryn Higgins
Member
National Transportation Safety Board

10:00 am – 10:30 am
Regency North/Center

Coffee Break with Exhibitors

10:30 am - 11:00 am
Regency South

UPS Worldport Presentation

Kevin Schroerlucke
Welcome Center Manager
UPS Airlines

11:00 am - 12:00 pm
Regency North/Center

Luncheon in the Exhibit Hall

12:00 pm

Departure for UPS Worldport Tour at Louisville International Airport
(*Transportation Provided*)

3:00 pm

UPS Worldport Tour participants return to the Hyatt

3:00 pm - 3:30 pm
Regency North/Center

Refreshment Break in the Exhibit Hall

3:30 pm - 5:30pm
Regency South

SESSION 1: The Foundation of NextGen and Future Airport Technologies

MODERATOR:

Thomas Breen
Director of Systems Engineering
Era Corporation

SPEAKERS:

Charles Everett
JPDO Airport Working Group Government Co-Chair
U.S. Federal Aviation Administration

Mark Andrews
JPDO Weather Working Group Government Chair
U.S. Federal Aviation Administration

Dr. Bruce Holmes
Chief Strategist
DayJet Corporation

Christopher J. Oswald
Director
Jacobs Consultancy

Edward Hahn
Associate Program Manager for Terminal and TFM Systems Engineering
MITRE Corporation

Brad Culbertson
Principal Strategist
Lockheed Martin

5:30 pm – 7:00 pm
Regency North/Center

Welcome Reception in the Exhibit Hall

HOSTED BY: Louisville Regional Airport Authority

WEDNESDAY, AUGUST 6

8:00 am – 9:00 am
Regency North/Center

Registration and Continental Breakfast with Exhibitors

9:00 am – 10:30 am
Regency South

SESSION 2: ADS-B - Taking Surveillance into the 21st Century

MODERATOR:

Mark Runnels
Director of Strategic Initiatives
Sensis Corporation

SPEAKERS:

Jim Linney
Surveillance & Broadcast Services, Central Service Area, Project Manager
U.S. Federal Aviation Administration

John Kefaliotis
ADS-B Program Director
ITT Corporation

Capt. Christian Kast
Advanced Flight Systems Manager
UPS Airlines

Karen A. Scott
Deputy Executive Director
Louisville International Airport

Eric Dinges
Director of Environmental Programs
ATAC Corporation

10:30 am – 11:00 am
Regency North/Center

Coffee Break with Exhibitors

SPONSORED BY: BrainStore

11:00 am - 12:30 pm
Regency South

SESSION 3: Technology in the Terminal Building

MODERATOR:

Gloria G. Bender
Managing Principal
TransSolutions, LLC

SPEAKERS:

Chad Timms
Vice President of Product Development
Com-Net Software

Jacqueline LoVerme
Director of Sales
FlightView, Inc.

Mark Lewellyn
Director of Sales and Marketing
Innovative Electronic Designs

Mark Sapp
National Sales Director
Air-Transport IT Services, Inc (AirIT)

Phil Brodt
Vice President
GCR & Associates, Inc.

12:30 pm – 1:00 pm
Regency South

TECHNOLOGY DEMONSTRATION BY:

Eagle Integrated Solutions, Inc.

1:00 pm – 2:30 pm
Regency North/Center

Luncheon in the Exhibit Hall

2:30 pm – 4:00 pm
Regency South

SESSION 4: Landside Operations Technology

MODERATOR:

Tom Bock
General Manager for Airspace, Technology, and Operational Enhancements
The Port Authority of New York and New Jersey

SPEAKERS:

David Salvador
Aviation Market Manager
I.D. Systems, Inc.

Peter Muller, P.E.
President
PRT Consulting, Inc.

Pierre Loyer
Director of Airport Group
Axima Airport Services (SDF), Inc.

Thomas Wunk
Vice President of Operations
Scheidt & Bachmann USA, Inc.

Jason Hull
Principal
OpenSource Connections, LLC

Theresa Hughes
Managing Director
Chauntry Corporation, Ltd.

4:00 pm – 4:30 pm
Regency South

TECHNOLOGY DEMONSTRATION BY:

The BrainStore

4:30 pm – 5:30 pm
Churchill

Technical Services Committee Meeting *(All conference attendees are invited to participate)*

4:30 pm – 6:30 pm
Regency North/Center

Exhibit Hall Open

5:30 pm – 6:30 pm
Regency North/Center

Happy Hour with Exhibitors and Prize Drawings

SPONSORED BY: ITT Corporation

8:00 am – 8:30 am
Regency South Foyer

Registration and Continental Breakfast

8:30 am – 9:45 am
Regency South

SESSION 5: FOD Detection Solutions

MODERATOR:

Michael Cheston, A.A.E.
Senior Associate
Aviation Management Associates, Inc.

SPEAKERS:

James Patterson
Airport Safety Specialist
FAA William J. Hughes Technical Center

Ah Leng Chua
President and Chief Operating Officer
Stratech Systems Limited

Dr. Dominic Walker
Product Development Director – Airport Technologies
QinetiQ Airport Technologies

Dr. Meny Benady
Vice President, Marketing and Business Development
Xsight Systems, Inc.

Grant Bishop
FOD Finder™ Program Manager
Trex Enterprises Corporation

9:45 am – 10:15 am
Regency South

TECHNOLOGY DEMONSTRATION BY:

Axima Airport Services (SDF), Inc.

10:15 am – 10:45 am
Regency South Foyer

Coffee Break

10:45 am – 12:00 pm
Regency South

SESSION 6: Airside Technologies and Airport Ground Surveillance Solutions

MODERATOR:

Alex Gertsen
Director of Regulatory Affairs
American Association of Airport Executives

SPEAKERS:

Noel Schmidt
Vice President, Operations
Architecture Technology Corporation

Deborah Lawrence
WAAS Program Manager
U.S. Federal Aviation Administration

William E. Colligan
Vice President
Era Corporation

Gloria Bender
Managing Principal
TransSolutions, Inc.

12:00 pm – 12:30 pm
Regency South

Conference Adjournment

Skip Miller, A.A.E.
*AAAE Technical Services Committee Chair
Executive Director*
Louisville Regional Airport Authority

Alex Gertsen
Director of Regulatory Affairs
American Association of Airport Executives

TECHNOLOGY DEMONSTRATIONS

WEDNESDAY, AUGUST 6, 2008
12:30 pm - 1:00 pm
Technology Demonstration by: Eagle Integrated Solutions, Inc.

Eagle Integrated Solutions is part of the Team Eagle group of companies with a collective mission to be the "Partner" of choice for those people and organizations working in the airport industry. From airfield maintenance and operational equipment such as ARFF trucks and runway sweepers, to "industry best" software applications for airfield inspections, SMS, field condition reporting, mission critical navigation and incursion management, we strive to provide the best products, knowledge and service in the industry.

SmartAirport™ Demonstration - with the notion that a properly managed AOA is our most precious resource in terms of airport viability, this presentation and demonstration will concentrate on the existing and emerging technologies being used to guide aircraft, ATC, airfield operations, maintenance and management towards optimal, safe usage of existing infrastructures. GPS/GIS technology and solution sets offers an attractive channel for locating items, tagging data to fixed items through easy to use graphic interface along with a cost of hardware and software, the main ingredient for useful solutions is available for airfields and airside operations to take advantage of. Treating the airport as an ecosystem in terms of sharing of information and the decisions that can result from this approach will be at the center of the demonstration. Delegates can get a glimpse of possible process improvements already being used to drive Airport Authorities towards SMS, maximum utilization and safety.

3:30 pm - 4:00 pm
Technology Demonstration by: BrainStore

"The human side of NextGen innovation: Assessing needs, speeding up buy-in, building consensus"

Based in Switzerland, BrainStore has helped nearly 1,000 clients successfully conduct innovation initiatives since it was founded in 1989. Swiss Air Lines, Siemens Transport Systems, and Unique Airport Zurich are some of the firm's top clients, but BrainStore also works with government agencies, associations and trade groups. And while we have partnered with many customers in the transportation sector, BrainStore's fundamental value proposition derives not from our industry focus, but from our systematic understanding of the human factors that cause innovation projects to succeed or fail.

The best technology can't help your airport if your stakeholders cannot agree on how, where, and when to implement it. That's where BrainStore comes in. We provide workshops, web-based software, and expertise that can help you dramatically speed up and streamline complex change processes. During the presentation, we will demonstrate BrainStore's hosted software and discuss some typical challenges and pitfalls of innovation projects.

THURSDAY, AUGUST 7, 2008
9:45 am - 10:15 am
Technology Demonstration by: Axima Airport Services (SDF), Inc.

Bagstage Software Solutions for Baggage Handling

Axima is managing, operating and maintaining Airport related assets in more than 20 major airports in the world. With a focused approach towards Quality and Customer Service it has developed long term relationships with airports, airlines and security agencies around the globe. For more than 25 years, Axima has developed a technical expertise ranging from the IT level with custom made application to support different processes of the industry to Operation and maintenance of technically advanced sortation systems like DCV and Tilt tray sorters along with Passenger Boarding Bridges and developing simulation software to optimize passenger and baggage throughput.

Axima Airport Services offers Bagstage Advantages. With Bagstage software solutions airports receive a high level of baggage tracking, multi sortation criteria, elimination of missorted bags, full redundancy, web enabled, real time reporting and multilingual user interface. Various Bagstage modules include SAC (Sort Allocation Computer System); BRS (Baggage Reconciliation System); IDS (Information Display System); EBS (Early Bag Storage Management); Ressource Plan Air – Allocation/resource management; External Connectors: SITA, ARINC, FIDS, DCS, AODB.

DIRECTORY OF SPONSORS AND EXHIBITORS

ATAC Corporation
Bryon Li
Director, Corporate Marketing
755 N. Mathilda Ave., Ste 200
Sunnyvale, CA 94085
Phone: (408) 736-2822
Fax: (408) 736-8447
bjl@atac.com
www.atac.com

ATAC Corporation specializes in providing the aviation community with expert services in NAS-wide air traffic operations planning and analysis; civilian airport planning and operations analysis; and analysis of military aviation operations. Our primary focus is on the development and application of state-of-the-art computer modeling and analysis tools.

EXHIBITOR

Axima Airport Services (SDF), Inc.
Presley D. Berryhill
Business Development Manager
600 Terminal Dr., L225D
Louisville, KY 40209
Phone: (502) 361-5390
Fax: (502) 361-5399
presley.berryhill@axima-airports.com
www.aximaservices.com

AXIMA Airport Services provides a host of value-added services, distinguishing itself as the world-class supplier in airport operations and maintenance. AXIMA Baggage Technology Team furnishes complete turnkey automation solutions for any baggage handling system requirement. From check-in and Security Screening to Sortation, from baggage make-up to baggage reclaim, Axima Airport Services is the only logical choice!

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BrainStore
Pascal Pinck
Idea Director
2225 E. Broadway
Long Beach, CA 90803
Phone: (562) 472-0240
Fax: (562) 472-0241
pascal.pinck@brainstore.com
www.brainstore.com

BrainStore's workshops, software, and change management expertise can help you jump-start NextGen initiatives, collect ideas and insights, reduce roadblocks, and systematically boost buy-in from stakeholders.

EXHIBITOR / SPONSOR

Eagle Integrated Solutions Inc.
Stanley Doepke
U.S. Sales Manager
10 Trent Dr. PO Box 670
Campbellford, ON K0L 1L0
Phone: (705) 653-2956
Fax: (705) 653-4732
stand@team-eagle.ca
http://eagleintegrated.net

Eagle Integrated Solutions is part of the Team Eagle group of companies. Eagle specialties range from airfield maintenance and operational equipment such as ARFF trucks and runway sweepers, to "industry best" software applications for airfield inspections, SMS, field condition reporting, mission critical navigation and incursion management.

EXHIBITOR / SPONSOR

Era Corporation
William E. Colligan
Vice President, General Manager Airport Operations Solutions
1881 Campus Commons Dr., Ste. 101
Reston, VA 20191
Phone: (703) 637-7250
Fax: (703) 637-7245
bcolligan@erabeyondradar.com
www.erabeyondradar.com

Era corporation is a pioneer and leading supplier of next-generation surveillance and flight tracking solutions for the air traffic management, military, security and airport operations markets.

EXHIBITOR

Innovative Electronic Designs, Inc.
Mark Lewellyn
Director, Sales & Marketing
9701 Taylorsville Rd.
Louisville, KY 40299-2738
Phone: (502) 267-7436 X 503
Fax: (502) 267-9070
mlewellyn@iedaudio.com
www.iedaudio.com

IED is the leader in audio video communications for airport facilities. We offer fully integrated audio and visual messaging solutions for passenger communications, emergency messaging, FIDS, BIDS, and GIDS to meet your airport communications needs. These systems provide a totally digital audio network that runs 100% on a standard Ethernet network.

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ITT Corporation
Michael J. Mcneely
Business Development - FAA Programs
12975 Worldgate Dr.
Herndon, VA 20170
Phone: (703) 668-6572
michael.mcneely@itt.com
www.itt.com

ITT is a leading supplier of sophisticated defense technology and services that are "Engineered for Life." Leveraging more than 60 years of experience, we provide solutions for communications, sensing and surveillance, and space, as well as advanced engineering and integrated services for government and commercial customers.

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Lockheed Martin TSS
Roger R. Stern
Business Development
600 Maryland Ave. S.W.
Washington, DC 20024
Phone: (202) 554-6989
Fax: (202) 554-7099
roger.stern@lmco.com
www.lockheedmartin.com

Lockheed Martin actively supports several key platforms and technologies envisioned for aviation's NextGen systems, including FltWinds™ flight planning tools and the Integrated Airport Program in Florida, a collaborative research project using a working airport as a test bed for applied research on innovative and operationally integrated air traffic management solutions.

stratech — EXHIBITOR

Stratech Systems Limited
Monique DeSpain
Vice President - US Operations
1750 Tysons Boulevard, Suite 400
McLean VA 22102, U.S.A.
Mobile: (541) 556-0675
Phone: (703) 744-1353
Fax: (703) 744-1001
monique_J_DeSpain@stratechsystems.com
www.stratechsystems.com

Stratech Systems Limited is an emerging world-class Advanced Technology and e-Systems developer. Stratech delivers large-scale, complex, real-time mission critical systems in the areas of Computer Vision, Intelligent Transport Systems and e-Systems.

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U.S. Federal Aviation Administration - Surveillance & Broadcast Services
Liz Demcsak
Communications Support
600 Independence Ave. SW
Washington, DC 20024
Phone: 866-835-5322
ldemcsak@regulus-group.com
www.faa.gov/airports_airtraffic/technology/ads-b

Automatic Dependent Surveillance - Broadcast (ADS-B) is the cornerstone for the Next Generation Air Transportation System (NextGen), it uses global positioning satellites to give pilots and controllers real-time traffic displays, weather services, terrain maps, and flight services.

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**AMERICAN ASSOCIATION
OF AIRPORT EXECUTIVES**
601 Madison Street, Suite 400
Alexandria, VA 22314
(703) 824-0500
www.aaae.org