

ICAO Air Traffic Flow Management (ATFM) Global Symposium

ATFM: together, bringing every destination closer

Singapore, 20 to 22 November 2017

DAY 1 – MONDAY, 20 NOVEMBER 2017

OPENING SESSION

10:00 – 11:00	<p>Official opening</p> <p>Welcome remarks Kevin Shum, <i>Director General, Civil Aviation Authority Singapore</i></p> <p>Keynote speech Dr. Fang Liu, <i>Secretary General, ICAO</i></p> <p>Opening speeches Stephen P. Creamer, <i>Director, Air Navigation Bureau, ICAO</i> Frank Brenner, <i>Director General, EUROCONTROL</i></p> <p>Discussion</p>
11:00 – 11:30	<i>Coffee break</i>

ATFM: GLOBAL APPROACH AND REGIONAL IMPLEMENTATION

11:30 – 12:15	<p><i>A global approach to ATFM development, that is reflected in the region.</i></p> <p>Nicolas Hinchliffe, <i>Technical Officer, Air Navigation Bureau, ICAO</i> Shane Sumner, <i>Regional Officer, ICAO Asia Pacific Regional Office</i></p> <p>Discussion</p>
12:15 – 13:30	<i>Lunch break</i>

The case for ATFM

13:30 – 15:00	<p><i>A tone-setting session. Why is ATFM needed? Stakeholder outlining the challenges of their operations make the case of ATM, at present, but also in the future.</i></p> <p><u>Moderator:</u></p> <p>Chris Dalton, <i>Chief, ICAO Airspace Management Optimization, Air Navigation Bureau, ICAO</i></p> <p><u>Presentations:</u></p> <ul style="list-style-type: none">• Capt. Chew Kim Song, <i>Management Pilot (Special Duties), Singapore Airlines</i>• Andy Brooker-Tormey, <i>Air Asia Group</i>• Stuart MacBride, <i>Future ATM and Network Service Manager, UK NATS</i> <p>Panel Discussion</p>
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15:00 – 15:30	<i>Coffee break</i>
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DAY 1 – MONDAY, 20 NOVEMBER 2017 (continued)

ATFM in APAC

15:30 – 17:00	<p><i>The central session of the symposium. The objective of the symposium is to support local implementation of ATFM. How can aviation move forward faster and further in the region that experiences the fastest growing rate ever? How do projects such as NARAHG, Multi-Nodal come together while significant national efforts are being made?</i></p> <p><u>Moderator:</u></p> <p>Mervyn Fernando, <i>Technical Expert, Member ANC, Delegation of Singapore to ICAO</i></p> <p><u>Speakers/Panelists:</u></p> <ul style="list-style-type: none"> • Sylvester Israel, (TBC) , <i>Director, ATFM India</i> • Piyawut Tantimekabut, <i>Air traffic management network manager, AEROTHAI, and Hermizan Jumari</i>, <i>Head of ATM Operations Planning, Civil Aviation Authority Singapore</i> • Raphael Guillet, <i>Chief, ICAO Asia Pacific Regional Sub-office</i> <p>Panel Discussion</p>
19:00-21:00	<i>Dinner reception hosted by CAAS – Gardens of the Bay</i>

End of Day 1

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DAY 2 – TUESDAY, 21 NOVEMBER 2017

LONG RANGE ATFM

09:00 – 10:30	<p><i>ATFM is not an activity that can only be envisaged locally. Any ATFM measure, no matter how local, will impact operations of the neighboring units. The ripple effect is a harsh reality of ATFM. This needs to be recognized and integrated, learning from the experience of all previous implementations. From that, a point can be made related to what is needed in relation to what is available. How much of a game changer can the availability of worldwide flight position information be?</i></p> <p><u>Moderator:</u></p> <p>Rosly Saad, <i>Director Air Traffic Services, Civil Aviation Authority Singapore</i></p> <p><u>Speakers/Panelists:</u></p> <ul style="list-style-type: none">• Brian Flynn, <i>Head Network Management Operations, NM directorate, EUROCONTROL</i>• Piyawut Tantimekabut <i>AEROTHAI</i>• Ken Mclean, <i>Regional Sales Director, AIREON</i>• Paddy Goodall, <i>ATM Network Service Manager, and</i> Dr. Jesper Bronsvort, <i>Network strategy and development manager Airservices Australia</i> <p>Panel Discussion</p>
10:30-11:00	<p style="text-align: center;"><i>Coffee break</i></p>

ATFM and CONTINGENCY

11:00 – 12:45	<p><i>The session will speak to the increasing use of ATFM in case of disruption and of contingency situations, whatever their nature. The cases of numerous major disruptions makes a compelling case for ATFM. Understanding how powerful ATFM can be, in situations of crisis, is essential to foster implementation.</i></p> <p><u>Moderator:</u></p> <p>Joe Sultana, <i>Director Network Manager, EUROCONTROL</i></p> <p><u>Speakers/Panelists:</u></p> <ul style="list-style-type: none">• Greg Byus, <i>Manager, CDM and International operations, FAA</i>• Toshiya Shigenobu, <i>Special assistant to the Director ATC division, JCAB</i>• Brian Flynn, <i>Head Network Management Operations, NM directorate EUROCONTROL</i>• Hermizan Jumari, <i>Head of ATM Operations Planning, Civil Aviation Authority Singapore, and</i> Peter Chadwick, <i>Chairman, ICAO APAC ATFM steering group.</i> <p>Panel Discussion</p>
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12:45-13:45

Lunch break

DAY 2 – TUESDAY, 21 NOVEMBER 2017 (continued)

ATFM and AIRPORT OPERATIONS

13:45 – 15:15

Learning from places where ATFM and Airport CDM (A-CDM) are integrated, the session will showcase how beneficial that integration can be when it is well done. ATFM and A-CDM can exist without one another. However, they cannot operate independently from one another. What are the key elements to ensure that airports operations and flow management operate in a consistent manner?

Moderator:

Hai Eng Chiang, Director APAC Affairs, CANSO

Speakers/Panelists:

- **Shane Sumner**, Regional Officer, ICAO Asia Pacific Regional Office
- **Roger Lau**, ATC Manager (ATM Operations Systems), Civil Aviation Authority Singapore
- **Mikateko Chabani**, ATFM Manager, ATNS South Africa
- **Frederik Lindblom**, Sales Director, SAAB ATM Asia Pacific

Panel Discussion

15:15-15:45

Coffee break

INFORMATION EXCHANGE

15:45 – 17:15

As a follow-up of all previous sessions, the session will focus on information exchange to enable the previous ATFM functions. The session will speak to the importance of methods to overcome the reluctance to exchange information that is often quoted as an impediment. What do Information management and exchange models mean for ATFM?

Moderator:

Stuart Ratcliffe, Director Business Development ATM/ATFM, Metron Aviation

Speakers/Panelists:

- **Kapri Kupper**, Global Operations Lead, FAA
- **John Moore**, Assistant Director, IATA,
- **Shane Sumner**, Regional Officer, ICAO Asia Pacific Regional Office
- **Amornrat Jirattigalachote**, Executive Strategic Planning Officer (Engineering), AEROTHAI, and **David Leow**, Head, Air Traffic Management Systems Engineering Development, Civil Aviation Authority Singapore, CAAS

Panel Discussion

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End of Day 2

DAY 3 – WEDNESDAY, 22 NOVEMBER 2017

PERFORMANCE

Making a case for ATFM, or identifying how ATFM can improve ATM performance documenting the performance with measured indicators will make for stronger business cases when considering implementation. It will also foster implementation as it will provide quantifiable and measurable evidence of the benefits of ATFM.

Moderator:

Sandile Maphanga, Senior Manager ANS, Civil Aviation Authority, South Africa

09:00 – 10:30

Speakers/Panelists:

- **Sugoon Fucharoen**, AEROTHAI, and **Paddy Goodall**, Air Traffic Management Service Manager, Airservices Australia
- **Stuart MacBride**, Future ATM and Network Service Manager, UK NATS
- **Greg Byus**, Manager, CDM and international Operations, FAA
- **Shane Sumner**, Regional Officer, ICAO Asia Pacific Regional Officer

Panel Discussion

10:30 – 11:00

Coffee Break

ATFM SYSTEMS: THE BACKBONE

What support can industry offer, both for present operations, but also looking ahead, for future operations. Can systems be the bridges that link ATFM, airport and en-route operations? What is needed to make the best possible use of the systems? When considering ATFM systems, what are the essential questions that need to be answered?

Moderator:

Brian Flynn, Head Network Management Operations, NM directorate EUROCONTROL

11:00 – 12:45

Speakers/Panelists:

- **Stuart Ratcliffe**, Director Business Development ATM/ATFM, Metron Aviation
- **Todd Donovan**, Vice President of Strategy and Marketing for ATM, THALES
- **Toshiya Shigenobu**, Special Assistant to the Director, ATC Division, JCAB and **Takeshi Narioka**, Deputy Manager NTT DATA
- **Greg Byus**, Manager, CDM and International operations, FAA

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Panel Discussion

12:45 – 13:45

Lunch

DAY 3 – WEDNESDAY, 22 NOVEMBER 2017 (continued)

INNOVATION

13:45 – 15:00

Present a not-so-ordinary perspective on ATFM, out of the box. The ATM world is changing, and ATFM in 15 years will probably be completely different. How can a legacy sector such as ATFM embrace innovation, harness change and prepare for it?

Moderator:

Stephen P. Creamer, *Director, Air Navigation Bureau, ICAO*

Speakers/Panelists:

- **Stephane Durand**, *CEO, DSNA SERVICE*
- **Dr. Lixia Song**, *MITRE Asia Pacific Singapore*
- **Brian Flynn**, *Head Network Management Operations, NM directorate, EUROCONTROL*
- **Trevor Kistan**, *Research & Technology Manage, THALES*

Panel Discussion

15:00 – 15:30

Coffee Break

WRAP UP and NEXT STEPS

15:30 – 16:30

Looking back at the discussions the session will look at the key points and the next steps

Panel discussion

The banner features a dark blue background with a glowing globe on the left, showing flight paths and aircraft icons. On the right, there are faint charts and data visualizations. The text is white and blue.

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- **Joe Sultana**, *Director Network Manager, EUROCONTROL*
- **Carey Fagan**, *Director Asia Pacific, FAA*
- **Rosly Saad**, *Director Air Traffic Services, Civil Aviation Authority Singapore*
- **Chris Dalton**, *Chief, ICAO Airspace Management Optimization, Air Navigation Bureau, ICAO*

Official closing

Stephen P. Creamer, *Director, Air Navigation Bureau, ICAO*

End of Symposium

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