



Summary of the Eightieth Meeting
Special Committee 224 Plenary
Airport Security Access Control Systems

The eightieth meeting of SC-224 was held virtually on October 28, 2021.

Attendees included:

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Art Kosatka (Secretary)	TranSecure Inc.
Djhanice “DJ” Neric (Government Authorized Rep)	FAA
Karan Hofmann	RTCA, Inc.
Jonathan Branker	FAA
Suzanne Guzik	CTI Consulting
Nancy Ford	Security 101
Walter Hamilton	IDTP
David McGhee	R&B
Ann Barry	R&B
Hunter Fulghum	R&B
Lance Ferrell	M2P
Blain Overstreet	AeCom
Trent Higareda	CTI Consulting

Regrets:

Mr. Suneborn (report submitted to chair)
Ms. Dores
Mr. McGuire
Mr. Davis (now retired)
Mr. Zoufal
Mr. Emden (no long in aviation)

SC-224 – Meeting No. 80
(October 28, 2021 Meeting)

1. Welcome and Administrative Remarks:

Ms. Hofmann opened the meeting with the reading of the reminders for Anti-Trust Requirement, RTCA Proprietary Policy and Membership Policy and relevant exemptions. Dr. Wilkinson presented the agenda for today’s meeting.

2. Approval of Previous Meeting Summary:

The Summary for the Plenary #79 (September 2, 2021) meeting was approved as published.

3. TSA Report:

Mr. Chavez was not present to provide a report. Dr. Branker will check on TSA involvement in Federal cybersecurity efforts as DHS has become much more active; TSA will reportedly release more guidelines “imminently”, probably non-public. There is a possibility of February-March for issuance of new regulations, which could change the Committee’s focus and create a need for PMC approval. Ms. Ford asks about a relatively new DOD 8570 requirement for a DoD certification; Dr. Branker will inquire and brief the Committee.

Mr. Hamilton notes a TSA Rap-Back change for airports and carriers-initiated September 29th for all new Rap-Back applicants to require a CHRC no later than March 29, 2022, and complete one for all existing personnel no later than March 29, 2024. Full completion for all airports with SIDA or personnel ID security systems (except Cat 4 with no SIDA) includes about 300+, which 245 airports participate in Rap Back, so only about 84 more are needed. The remaining issue is aircraft operators, mostly small ones. PHL is currently the only Cat X not in the program.

Action item:

Mr. Chavez, to report on cyber security guidance for national issuance; Target is estimated for perhaps 6 months, to be in line with national cyber incident reporting guidance. There is also UAS guidance in the works.

4. Safe Skies Reports:

The Guidelines document is on the street; nothing new is in the works, PARAS 34 Optimization of Video Systems first draft coming very soon, with a final anticipated in 3-4 months. This not an update, but a new document. PARAS 41 (UAM) is just beginning, with 2-3 months for a first draft #38 (ID management), #39 (airside gates), #40 (pandemic planning), and #43 (Guidance for Security Operations Center Planning and Design) are underway.

Mr. Kosatka noted some are likely to be to some extent redundant and/or impact some sections of the Guidelines document, including the SOC chapter, noting that in some airports the SOC and other functions share the same room.

5. Document Distribution

Ms. Hofmann reported that ACI (through Mr. Chris Bidwell) acknowledged distribution of the previous version (DO-230J) to 69 members that had requested it.

6. DO-230L Sections

Mr. Overstreet (AECOM) will take over the Communications section. He plans to address some new wiring standards such as ethernet; voice/PBX remain relevant but have more options. IP and - fiber based technologies need more specificity, such as passive fiber, other IT standards including the wireless section need updates, as well as 5G.

Ms. Barry, Mr. McGhee and Mr. Fulghum (all of R&B) will take over the PIDS update with new material in the PIDS radar discussions - they requested a copy of most recent version.

Action Item: Ms. Guzik will provide.

Mr. Kosatka noted the continuing need for review of all sections by all authors to be cautious of conflicts and of old/new referential descriptions in language

Mr. Hamilton's biometrics section will benefit from several new documents from multiple agencies and organizations regarding pending enhancements to various standards; these are generally more technical in nature while ours is more policy oriented. New guidance from the EU is more privacy related; Mr. Hamilton will post to the web site.

Mr. Ferrell's integration section enjoyed a significant update and rewrite last time, so no big changes are expected.

Dr. Branker -- Cyber security - has had no changes since last meeting; he is reviewing published updates for inclusion.

Mr. Kosatka - SOC – mirrors Dr. Branker's stance, that our changes typically wait for later in the process to be integrated as/when future chapter updates are provided.

Mr. Suneborn - PACS – submitted update language to the Chair (text included below) regarding biometric readers, updating touchless technologies, for which there is a TSA pilot coming up. He will coordinate with Mr. Hamilton.

“I have begun drafting a section update to the Biometric reader section, in particular touchless fingerprint and facial recognition (yes, there are god equipment in the market with proprietary technologies) and iris recognition.

There are some very interesting and promising results of the TSA Pilot with Delta Airlines that I think may well be mentioned in this section.

Additionally, am tasked with giving a talk on Cybersecurity and hardening of PACS to an agency. Will adapt some of that content and add as a subsection to the Server section.

There is a little development activity again in the PACS manufacturing community after years of HSPD-12 and FICAM compliance focus.”

Ms. Hofmann clarified the timeline for section chairs to plan their work: the current TOR requires FRAC completion by Sept 2022, so revisions and updates must be completed for FRAC release must be done by April/May 2022.

Action Items:

- Get your RTCA web site (AerOpus) accounts updated. Ms. Hofmann will send a reminder invitation to the entire Committee. Otherwise, you will not have access to posted documents and notifications.
- NO SSI allowed – if questions, clear with Chairman
- Ms. Guzik will provide segments to PIDS and other section chairs for review as appropriate.

7. Other Business

Mr. Kosatka noted the potential for this RTCA document (and perhaps others) for presentation at the Passenger Terminal Expo in the first week of April in Paris. While primarily aimed at US airports, the concepts and technologies can be applied anywhere in the world.

Mr. Kosatka also noted a continuing series of free online sessions on biometrics coming up in the EU; sponsored by the EAB (European Association for Biometrics). The upcoming (Nov 10th) will focus on Artificial Intelligence:

Dear colleagues,

in April of this year the European Commission presented the proposal for an Artificial Intelligence Act (AIA) and later in August the International Standardisation Joint Technical Committee 1 presented a new work item proposal ISO/IEC 9868 for a related international standard. The Act sounds very interesting and paves a way forward, but there are also some questions. What does remote biometric identification mean? Does the regulation apply to surveillance only? Does it apply to other modalities than face (e.g. voice recognition)?

The German biometrics standardisation group (DIN) and the European Association for Biometrics (EAB) are proud to present the Workshop on the Artificial Intelligence Act (AIA) on November 10. This workshop regarding the AIA and international standardization of AI gathers the biometrics and AI standardisation community in order to learn and discuss possible implications.

The program:

- Introduction to the AIA
(Irina Orsich - European Commission - DG CONNECT) - Progress in International Standardization of AI
(Thomas Zielke - Hochschule Düsseldorf)
- The Interplay of AI and Biometrics and its Impact on IT-Security (Arndt von Twickel - Federal Office for Information Security)
- Biometrics, Data Protection, and New Concepts Introduced in the AIA (Catherine Jasserand - KU Leuven)

- EDPS Stance on Remote Biometric Identification (Xabier Lareo - European Data Protection Supervisor)
- AI Aspects of Biometrics from the Consumer Point of View (Chiara Giovannini - European Association for the Co-ordination of Consumer Representation in Standardisation AISBL (ANEC))
- Requirements for High-Risk AI Systems: Lessons Learnt (Oliver Haase - Validate ML GmbH)

When: Wednesday November 10, 2021 (13.00 – 18.00 CET)

We hope to welcome you on November 10, 2021 for this insightful workshop.

Find more details on the event and registration option at:

<https://eab.org/events/program/277>

8. Schedule for future events

Dec 2 nd	81 st Plenary
Jan 27 th	82 nd Plenary

9. Any Other Business:

There being no other business, the meeting was adjourned.

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Art Kosatka

Secretary

CERTIFIED as a true and Accurate summary of the Meeting.

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Christer Wilkinson

Co-Chairman

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Alan Paterno

Co-Chairman