

**Summary of the Seventy-Second Meeting**  
**Special Committee 224 Plenary**  
**Airport Security Access Control Systems**

The seventy-second meeting of SC–224 was held virtually on October 29, 2020.

**Attendees included:**

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Art Kosatka (Secretary)	TranSecure Inc.
Djhanice “DJ” Neric	Federal Aviation Administration (Government Authorized Representative)
Suzanne Guzik	Burns
Karan Hofmann	RTCA, Inc.
Jeanne Oliver	Port Authority of New York & New Jersey
Lars Suneborn	IDTP
Adam Shane	LAWA

Regrets:

Jonathan Branker	Federal Aviation Administration
Kevin Emden	M2P
Lance Ferrell	M2P
Don Zoufal	Crowznest

**SC-224 – Meeting No. 72**  
**(October 29, 2020 Meeting)**

**1. Welcome and Administrative Remarks**

Ms. Hofmann opened the meeting with the reading of the 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 August 20, 2020 meeting was approved.

### **3. TSA Report:**

No TSA representation to report agency status or activity.

The NSSA Access Control project (awarded to LHM with R&B as sub) This is apparently just in the initial organizational stages; will require continued coordination with the RTCA committee to avoid redundancy and conflict.

### **4. Document Distribution:**

ACI continues to be a designated distribution organization; – AAAE is apparently no longer considered active; ACC was confirmed as a member by Ms. Hofmann.

Mr. McGuire's proposal regarding shifting this document to Safe Skies was briefly outlined and recognized to be administrative issue for RTCA, not an editorial issue for SC-224. Further, until the currently ongoing update of the TSA Guidelines document and Doc 230 document are completed, they cannot be reviewed for parallel and/or conflicting content.

Mr. Hamilton was not present, but still owes Chairman an opinion on the difficulty of CV-19 face mask on facial recognition technologies, as reported in industry media

### **5. DO-230K Discussion:**

Mr. Suneborn reported on the Access Control chapter as still under development with regard to industry efforts on interoperability standards. We will have to wait 1-2 years for all international organizations, including NIST, to coordinate on such issues as defining threats to log-on and biometric data for mobile devices, which the US Federal market does not favor. Mr. Suneborn will provide a summary of organizations to the Chairman, and will continue to coordinate with Mr. Branker. He provided a summary shortly after the meeting which is attached below.

Note by Lars Suneborn on his briefing at the plenary:

- In the Federal market, PACS Servers have for ten years been considered Nodes that are part of an Agency Network and as an extension of this, part of the Federal Network. FISMA and other agency specific Cyber Security requirements must be tested and satisfied by the owning agency before an Authority To Operate is granted for the PACS Server to be allowed. This is evolving and NIST created a standard for such interoperability that is intended to harmonize some widely different requirements
- A second aspect is that the extension enables further development across the traditionally separated domains of the physical security world and the IT security domains. The concept of What, Who is on the network and What are they doing on the network becomes less separated.

- Other item in the Nice-to-Know category, is that the INCITS just conducted a vote among the many countries to determine if there is enough interest in creating an international graduated standard that identifies and mitigates risk of “Presentation Attacks” during the process of authentication using a mobile device. The U.S. National Body voted Yes. We will likely have the result from all nations at the next plenary meeting.
- The INCITE standard for Facial Recognition is moving forward, but having to postpone the Biannual in-person meeting in Singapore due to COVID slowed this effort down.

Ms. Olivier’s report on the Perimeter Chapter noted that she is inserting several references to other sections of the document, in part to avoid redundancies and in recognition of considerable new and updated information not found in the previous version.

- She notes that SafeSkies is currently developing a separate document on PIDS intrusion with several west coast airports, which she will coordinate with Mr. Shane, who is familiar with the program.

Ms. Guzik reported the NSSA project to update the 5th iteration of the TSA Guidelines document draft is currently awaiting review comments from PARAS committee panel.

Mr. Shane provided a detailed review of the video chapter #6:

- Video section – has been reorganized in 46 pages, having reviewed the PARAS document and vetted his changes with other committee members. He has removed some aged-out material and redundancies; added some new materials including a system overview and self-created details (avoiding copyright). In it, he describes certain applications of video systems, alarms, vehicles, assessments, checkpoints, perimeter, integration with subsystems. He retained much existing material and removed a lot of outdated information.
- He has expanded systems architecture material; recorders, VPR vs. NPR, various types of clients, 3 types of storage, storage solutions, IP cameras, megapixel, multi-sensors, IR, thermal (cut down somewhat), and lenses.
- Audio is included as a part of the VSS.
- There is new material on analytics applications, edge vs server-based analysis, some on AI and added lighting design for perimeter vs. area lighting, as well as IT, bandwidth, multi-vast vs. unicast and firewall.
- Other topics include IT – bandwidth, multi-cast vs unicast, firewalls, and cloud vs. on-premise storage.
- There is discussion of standards -- networking vs. video vs. encoding; and some on regulations and testing, as well as development of an ending checklist...
- He suggests he is about 70% complete, 15% to be added or modified; then up for review and reorganized according to comments.
- He will coordinate with the Chairman regarding converged and hyper converged systems

Mr. Ferrell was not present for discussion of the Integration Chapter outline (dated Aug 20, available on RTCA web site) which he noted at the previous meeting would be near completion at this meeting. At the previous August meeting, the committee had reviewed about 15-20 pages, as well as discussed project delivery options, what has been planned, whether such options as design/build or others are appropriate, etc. - Not as technical options, which would go to the Integration Chapter, or legacy systems which go to Section 3.

Mr. Emden was not present to review his Procurement Chapter which is available on the RTCA web site, but it reveals no revisions, so it could not be reviewed by those members present.

Dr. Branker was not present to introduce his new Cybersecurity Chapter draft – 6 pages so far, with 2 sub- sections still under development. (Available on RTCA web site) He states that all information so far has evolved from sources in the public domain.

- At the previous meeting, he introduced various types of threats - denial of service, phishing, clones, malware, and ransomware (Mr. Shane suggests a need to add much more on insider threat, currently perceived as significant).

Ms. Dores was not present to discuss her new version of the Facilitation Chapter, which is a new section, providing US and ICAO background, including Annex 9 and other relatively standard baseline information.

Mr. Zoufal was not present to review his previous changes to the Credentialing Chapter, which awaits TSA decisions to address such issues as final requirements for Rap-Back to apply to ALL airports, and on creation of a TSA data base of revoked credentials. From prior discussions, his further plan is to freshen many of the cyber references in the Cyber Chapter, as well as other influences such as the EU / GDPR regulations

Mr. Kosatka reported no added progress at this time on the SOC Chapter, since its currency is drawn entirely from revised semi-final content and updates from each of the other chapters. This is also true of the Dr. Branker's Introduction Chapter, which serves to introduce, summarize and direct the reader to specific content.

**6. Following Meetings:** The next meeting sessions are:

December 10, 2020 – 73<sup>rd</sup> Plenary  
January 21<sup>st</sup> or 28<sup>th</sup>, pending approval by the Chairman

**7. 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