![RTCA logo]

Summary of the Eighty-Fourth Meeting

Special Committee 224 Plenary

Airport Security Access Control Systems

The eighty-fourth meeting of SC–224 was held virtually on May 12, 2022.

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
David McGhee	R&B
Trent Higareda	CTI Consulting
Don Zoufal	Crownznest Consulting
Steve Guthrie	Friedman Airport, Idaho
Suzanne Guzik	CTI Consulting
Kristina Dores	TranSecure, Inc.
Nancy Ford	Security 101
Hunter Fulghum	R&B
Rich Roth	CTI Consulting

Regrets:	
Jose Chavez	TSA
Blain Overstreet	AECOM
Walter Hamilton	ID Technology Partners
Lars Suneborn	Smart Card Alliance

SC-224 – Meeting No. 84
(May 12, 2022 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 #83 (March 10, 2022) meeting was approved as published with no adjustments.

3. **Safe Skies Reports:**

Information unavailable.

4. **FRAC Dates:**

The committee draft must be completed by July 26th meeting to submit by August 1st for 30-day final review and comment with public review, with the final version **to be completed and reviewed at the September 8th** plenary meeting and submit for December PMC approval. This means that there are only two plenaries remaining for final committee submissions, comments and agreement.

5. **DO-230L Sections**

Mr. Zoufal discussed the **Credentialing Section**, including 3 items on RapBack, (assisted by Mr. Hamilton), the CRD (Central Revocation Database) and some current legislative activity on both. There is a RapBack graphic correction; an e-badge change, and provision of privacy statement during the CHRC process. There are requirements for monitoring the RapBack process and a new CRD user guide. A previous reference to IDMS in the enhanced CHRC program has been removed as outdated, having now been required in the 2016 Act. Still to be provided is an updated list of disqualifying crimes. Numerous additional comments and changes can be seen on the 22-page redline markup on the RTCA web site.

Mr. McGhee and Mr. Fulghum - PIDS (Perimeter Intrusion Detection) has been largely revised and reorganized, as can be reviewed in the updated Table of Contents. Technical issues and guidance have been moved to the latter half of the section; the front end now addresses some complex introductory considerations for the reader to understand what PIDS includes/excludes, vulnerabilities and joint assessments, insider threat, UAS/drones, fencing and boundary configurations (water boundaries, natural/rural perimeters, and technology testing -- which can sometimes merge with privacy and proprietary technology issues addressed elsewhere.
Numerous additional comments and changes can be seen on the 59-page redline markup on the RTCA web site.

Ms. Dores' Facilitation new section draft will be replaced shortly with added attention to access control and less on credentials. It's noted that this RTCA document is not intended for CBP facility planning and design – they have their own requirements and design guidance... but there is almost always some overlap in such areas as surveillance (shared cameras), baggage systems, privacy and more. Numerous additional comments and changes can be seen on the 14-page redline markup on the RTCA web site.

Dr. Wilkinson, presenting on behalf of **Mr. Suneborn's Physical Access Control (PACS)** section, noted that the section had been fully vetted in previous plenaries, so this version is simply a single summary of the past several meetings' changes, with very few added non-controversial updates and technologies. It was noted that the draft carried a 2015 RTCA footer, raising the concern that an outdated version might have been used. Chairman Wilkinson will contact Mr. Suneborn off-line to discuss new language on auditing and on PINs. Numerous additional comments and changes can be seen on the 58-page redline markup on the RTCA web site.

Dr. Wilkinson, presenting with **Mr. McGuire's** assistance on behalf of **Mr. Overstreet** on the **Communications Infrastructure** Section, noted that the Page-1 graphic needs review/update. All agree that while still somewhat aged, PBX systems will continue to exist, so references should remain. Cellular segment requires a significant 5G update, which is also the topic of another RTCA committee effort – possibly a valuable resource in the aviation environment. WiFi standards are currently being updated elsewhere, and WiFi 6 is coming soon. Much other related section content is relatively static and unchanged. Info related to Project 25 on page 5 is seen as irrelevant; mostly European... not US; can be removed.

Further discussion in this section noted that:
- **[9.7.5] VLANS** The Cloud is now everywhere – largely accessed thru VPNs.
- Tables should be checked.
- **[PKI]** is also in Mr. Suneborn's PACS section – while currently OK to keep it there, it is a very big issues that remains to be further discussed.
- **[9.6.3] Network** discussion needs review / update....
- **[9.7.2].** as do LAN protocols.

Mr. McGuire will assist with review and comment (but not change) on these topics.

Numerous additional comments and changes can be seen on the 54-page redline markup on the RTCA web site.

Dr. Branker's Cybersecurity section discusses current IP addressability for most IT systems - and the vulnerabilities that presents in back doors, etc. See Page-5 of the red line draft. See also such topics and Zero Trust, NIST, DHS/CISA, and other Federal programs that provide funding. Subscriptions to airports available; see page-11 of the draft. Some discussion about high level information being targeted to large entities; small airports don't have the staff and operational resources to track such issues. Numerous additional comments and changes can be seen on the 12-page redline markup on the RTCA web site.

There was general discussion about the potential for advertising and initiating related information programs to promote the awareness and distribution of DO-230 to the industry. Apparently ACI is the only organization currently doing so. Dr. Wilkinson will meet with Ms. Hofmann off-line to discuss other options such as AAAE, ACC, NASAO, etc.

Further discussion about providing more publicly accessible links to segments of the document, including such summary guidance as executive summary, guidelines, internal/ external hyperlinks, checklists, which in turn lead the reader to the full document.

6. **Action items:**

- **Chairman Wilkinson** will contact Mr. Suneborn off-line to discuss new language on auditing and on PINs
- **Ms. Gusik** will check base version of Mr. Suneborn section
- **Chairman Wilkinson** will meet with Ms. Hofmann to discuss advertising and distribution
- **Mr. McGuire** will assist with reviews and comments on communications section
- **Mr. Ferrell (not present) -** verify Video Section if any changes wrt PIDS section
- **Mr. Shane (not present) -** verify Integration Section if any changes wrt PIDS section
- **Ms. Ford** will check Procurement Section for "Buy America" inclusion.
- **All sections** need a semi-final review for redundancy and definitions among other sections. Consensus that EACH section should briefly explain why it belongs in an access control document. Mr. McGuire suggests a reference back to SOC / Intro sections as appropriate, such as hybrid/legacy systems, multiple technologies, etc.
- **Dr. Branker - Introduction -** no report, pending review of other sections
- **Mr. Kosatka - Security Operations Center -** no report, pending review of other sections

7. **Next Meetings:**

Tuesday, July 26th   85th Plenary (NOTE: day of the week change)
Thursday, September 8th   86th Plenary

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   Alan Paterno
Co-Chairman   Co-Chairman