



Agenda item 4: Report on activities, deliverables and progress of GESEA and Subgroups

**FF-ICE: STATUS OF IMPLEMENTATION OF THE AIDC AND ACTIONS TO STRENGTHEN
REGIONAL INTEROPERABILITY**

(Prepared by the Secretariat)

SUMMARY

This Study Note presents the status of implementation of ATS Inter-Facility Data Communications (AIDC) in the SAM Region, based on the update of the interconnections between ATS units and the regional and interregional activities developed to promote their implementation.

The Note highlights the progress made, including the entry into operation of new AIDC interconnections, as well as the gaps that still remain to achieve a broader and more harmonized regional implementation. Likewise, elements are presented to strengthen coordination among the States, the monitoring of implementations and the application of common criteria for the testing stages, pre-operational phase, transition to operation and performance monitoring.

The updated status of the AIDC interconnections is presented in Appendix A of this Study Note.

References:

- Global Air Navigation Plan (GANP) and ICAO's ASBU framework.
- Doc 4444 - Procedures for Air Navigation Services - Air Traffic Management (PANS-ATM).
- Doc 9694 - Manual of Air Traffic Services Data Link Applications.
- PAN Regional Interface Control Document for ATS Interfacility Data Communications (PAN ICD AIDC).
- AIDC Implementation and Operations Guidance Document (AIDC IGD), Edición 2.0, junio de 2025.
- Final Report SAM/IG/22.
- Conclusion SAM/IG/22-03 - Interoperability Task Force (Interop WG).
- Conclusion SAM/IG/21-03.
- Activities of GESEA Subgroup 4 - FF-ICE Implementation.
- ICAO regional and interregional coordination for the implementation of AIDC.

1. Background

1.1 ATS Inter-Facility Data Communications (AIDC) is an application for the automated exchange of information between air traffic services (ATSU) units during the notification, coordination and transfer of aircraft between flight information regions (FIRs). Its use makes it possible to reduce manual interventions in coordination between ATS units, reduce the probability of errors associated with such interventions and improve the timeliness, consistency and traceability of the information exchanged.

1.2 The SAM Region has been developing for several years activities aimed at the operational implementation of the AIDC between adjacent ACCs. These activities have included, inter alia, the configuration of automated systems, definition of database parameters, interoperability testing, training of

personnel, updating of operational letters of agreement and monitoring of the transition from the technical and pre-operational phases to operation.

1.3 In this context, SAM/IG/22 established through Conclusion SAM/IG/22-03 the Interoperability Task Force (WG Interop), with the aim of providing guidance to the States of the SAM Region in the processes of interconnection of aeronautical systems implemented or to be acquired and to ensure interoperability between the automated systems used by the AIM areas, MET, ATM, ATFM, and CNS.

1.4 The evolution of the ATM environment and the transition to FF-ICE reinforce the need to continue advancing in the automation and interoperability of systems. The work carried out within the scope of GESEA Subgroup 4 on FF-ICE implementation expressly contemplates the FPL/AIDC ATM integration and the progressive transition from the current FPL 2012 environment. Consequently, the consolidation of AIDC capacities is also an important element in the evolution of the infrastructure and processes of ATM information exchange in the Region.

1.5 As part of the regional monitoring, information has been updated regarding AIDC interconnections between ATS units in the SAM Region and with units in adjacent regions. This information is presented in Appendix A of this Study Note.

2. Analysis

2.1 The update identifies 78 AIDC interconnections associated with the ATS units considered in the regional planning. Of this total, 24 interconnections are operational, 4 in the pre-operational phase and 50 remain not implemented, which represents approximately 30.8%, 5.1% and 64.1%, respectively.

2.2 The data show significant progress in certain States and PCA pairs, although regional implementation continues to be heterogeneous. Ecuador presents operationally the interconnections considered in the table; likewise, Brazil, Chile, Colombia, Panama, Peru and Venezuela have different levels of operational implementation. At the same time, there are States and ATS dependencies where the planned interconnections remain pending implementation.

2.3 Recent advances include the transition to the operational phase of the AIDC between the Lima ACC and the Iquique and Santiago Oceanic CCAs, formalized with effect as of June 15, 2026. This transition was supported by the satisfactory results of the pre-operational phase, performance monitoring, tests carried out and verification of the coordination and automatic renegotiation functionalities.

2.4 The experience of this implementation confirms the importance of maintaining a structured process for the transition to the operational phase. This process must consider, at a minimum, the satisfactory performance of technical and operational tests, a sufficiently representative pre-operational period, performance monitoring, identification and treatment of incidents, training of the personnel involved and updating of the corresponding operational agreements and procedures.

2.5 Interregional initiatives also continue to be developed. In June 2026, coordination between the NACC and SAM Regional Offices and the States involved to support the implementation of the AIDC was initiated between the Kingston RIF (Jamaica) and the Bogota RIF (Colombia). These activities include the designation of operational and technical focal points, technical review, system configuration, interoperability testing and operational validation.

2.6 This type of initiative is particularly relevant because AIDC interoperability should not be analysed exclusively from an intra-regional perspective. The continuity of air traffic flows requires the

progressive extension of the automation of coordination to the interfaces between the SAM Region and the CAR, NAM, AFI and APAC regions, as appropriate to the operational needs and connections envisaged in regional planning.

2.7 To support a harmonized implementation, the AIDC Implementation and Operations Guidance Document, June 2025 Edition 2.0, provides elements that can be used as a supplementary reference to applicable ICAO provisions. These include pre-deployment considerations, harmonization between ATSUs, definition of AIDC versions and message sets, communications infrastructure and alternative media, interoperability testing, performance monitoring and validation, and operational and technical training.

2.8 Particular attention is required to harmonize between adjacent ATS units. When the systems implemented use different versions or capabilities, it is necessary to agree on a common set of messages and operational parameters that ensure the correct exchange of information. Similarly, the communications infrastructure must provide adequate conditions of availability and performance and have alternative means for contingency situations.

2.9 The accumulated regional experience and the available guidance allow us to consider the establishment of a common regional approach for the AIDC implementation cycle, including the stages of planning, bilateral coordination, configuration, technical tests, interoperability tests, pre-operational phase, performance evaluation, transition to operational phase and continuous monitoring.

2.10 The table in Appendix A is a tool for this monitoring. Its periodic updating would make it possible to identify pending interconnections, prioritize those with the greatest operational impact and objectively monitor the progress made by the States.

2.11 It is also advisable for States to periodically review and validate the information corresponding to their ATS units, including the ATM system used, adjacent ATS unit, automated protocol, means of transmission, date of implementation and status of each interconnection. This will provide a consistent regional baseline to guide the activities of the Interop WG and the planning of future implementations.

2.12 Finally, the consolidation of AIDC interoperability should be considered in coordination with the evolution towards FF-ICE. The work of GESEA Subgroup 4 identifies ATM FPL/AIDC integration as part of the transition context and includes the development of a roadmap, identification of operational and technological gaps, and preparation of future FF-ICE tests. In this regard, advancing the interoperability of existing automated systems will help to establish a more solid basis for the progressive evolution towards new information exchange services.

3. **Suggested actions**

3.1 The Meeting is invited to:

- a) take note of the status of regional implementation of the AIDC presented in this Study Note and **Appendix A** thereto;
- b) request States to review and validate the information relating to their AIDC interconnections contained in Appendix A, communicating to the SAM Regional Office any updates as necessary;

- c) urge States that maintain pending or pre-operational AIDC interconnections to coordinate with adjacent ATS units on the actions necessary to move towards their operational implementation;
- d) promote the application of a harmonized process for new AIDC deployments, considering the stages of coordination, configuration, technical and interoperability testing, pre-operational phase, performance evaluation, transition to operational phase and continuous monitoring;
- e) continue to support intra-regional and inter-regional AIDC interoperability initiatives, including ongoing coordination between the Kingston and Bogota FIRs; y
- f) to entrust the Interop WG with the periodic monitoring of the AIDC regional implementation table and the coordination of the necessary actions to support the States in the pending interconnections, also considering their articulation with the regional evolution towards FF-ICE.

APPENDIX A

STATUS OF ATS INTER-FACILITY DATA COMMUNICATIONS (AIDC) DEPLOYMENT IN THE SAM REGION

The Appendix contains:

- Table CNS II-1 - *ATS Interfacility Data Communication (AIDC) and PAN AIDC ICD v1.0 SAM Implementation Plan Status*;
- CNS Table II-2 - AIDC implementation level by ATS dependency;
- Table CNS II-3 - AIDC implementation level by State/Administration;
- Table CNS II-4 - regional level of AIDC implementation in the SAM Region; y
- distribution of ATM systems installed in the SAM Region by manufacturer.

Tables

TABLE CNS II-1 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) AND PAN AIDC ICD v1.0 SAM IMPLEMENTATION PLAN STATUS						
State/Administration	Location of ATS	Location of adjacent ATS	Automated Protocol	Transmissions Means	Date of Implementation	Status
Argentina	Comodoro Rivadavia ACC	Ezeiza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Comodoro Rivadavia ACC	Puerto Montt ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Comodoro Rivadavia ACC	Punta Arenas ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Cordoba ACC	Ezeiza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Cordoba ACC	Iquique ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Cordoba ACC	La Paz ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Cordoba ACC	Mendoza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Cordoba ACC	Resistencia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Comodoro Rivadavia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Cordoba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Johannesburg ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Mendoza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Montevideo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Puerto Montt ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Ezeiza ACC	Resistencia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Mendoza ACC	Cordoba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Mendoza ACC	Ezeiza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Mendoza ACC	Santiago ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Resistencia ACC	Asuncion ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Resistencia ACC	Cordoba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Resistencia ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Resistencia ACC	Ezeiza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Argentina	Resistencia ACC	Montevideo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Bolivia	La Paz ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Bolivia	La Paz ACC	Asuncion ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Bolivia	La Paz ACC	Córdoba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Bolivia	La Paz ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Bolivia	La Paz ACC	Lima ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Bolivia	La Paz ACC	Iquique ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented

TABLE CNS II-1 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) AND PAN AIDC ICD v1.0 SAM IMPLEMENTATION PLAN STATUS						
State/Administration	Location of ATS	Location of adjacent ATS	Automated Protocol	Transmissions Means	Date of Implementation	Status
Brasil	Amazonico ACC	Atlantico ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Amazonico ACC	Bogota ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Brasil	Amazonico ACC	Brasilia ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Amazonico ACC	Cayenne ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Amazonico ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Amazonico ACC	Georgetown ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Amazonico ACC	La Paz ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Amazonico ACC	Lima ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Brasil	Amazonico ACC	Maiquetia ACC	PAN AIDC ICD V 1.0	AMHS	8/11/2025	Operational
Brasil	Amazonico ACC	Paramaribo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Amazonico ACC	Recife ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Atlantico ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Atlantico ACC	Cayenne ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Atlantico ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2018	Operational
Brasil	Atlantico ACC	Dakar ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Atlantico ACC	Johannesburg ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Atlantico ACC	Luanda ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Atlantico ACC	Montevideo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Atlantico ACC	Recife ACC	PAN AIDC ICD V 1.0	AMHS	10/1/2016	Operational
Brasil	Brasilia ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Brasilia ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2018	Operational
Brasil	Brasilia ACC	Recife ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2017	Operational
Brasil	Curitiba ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational
Brasil	Curitiba ACC	Atlantico ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2018	Operational
Brasil	Curitiba ACC	Asunción ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Brasil	Curitiba ACC	Brasilia ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2018	Operational
Brasil	Curitiba ACC	La Paz ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Curitiba ACC	Montevideo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Curitiba ACC	Recife ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2018	Operational
Brasil	Curitiba ACC	Resistencia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Brasil	Recife ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2021	Operational

TABLE CNS II-1 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) AND PAN AIDC ICD v1.0 SAM IMPLEMENTATION PLAN STATUS

State/Administration	Location of ATS	Location of adjacent ATS	Automated Protocol	Transmissions Means	Date of Implementation	Status
Brasil	Recife ACC	Atlantico ACC	PAN AIDC ICD V 1.0	AMHS	10/1/2016	Operational
Brasil	Recife ACC	Brasilia ACC	PAN AIDC ICD V 1.0	AMHS	3/1/2017	Operational
Brasil	Recife ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2018	Operational
Chile	Iquique ACC	Cordoba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Chile	Iquique ACC	La Paz ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Chile	Iquique ACC	Lima ACC	PAN AIDC ICD V 1.0	AMHS	8/18/2018	Operational
Chile	Iquique ACC	Santiago	PAN AIDC ICD V 1.0	AMHS	1/10/2025	Operational
Chile	Puerto Montt ACC	Comodoro Rivadavia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Chile	Puerto Montt ACC	Ezeiza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Chile	Puerto Montt ACC	Punta Arenas ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2022	Operational
Chile	Puerto Montt ACC	Santiago ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Chile	Punta Arenas ACC	Comodoro Rivadavia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Chile	Punta Arenas ACC	Puerto Montt ACC	PAN AIDC ICD V 1.0	AMHS	4/1/2022	Operational
Chile	Santiago ACC	Auckland ACC	PAN AIDC ICD V 1.0	AMHS	(1)	Not implemented
Chile	Santiago ACC	Iquique ACC	PAN AIDC ICD V 1.0	AMHS	1/10/2025	Operational
Chile	Santiago ACC	Lima ACC	PAN AIDC ICD V 1.0	AMHS	6/15/2026	Operational
Chile	Santiago ACC	Mendoza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Chile	Santiago ACC	Puerto Montt ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Chile	Santiago ACC	Tahiti ACC	PAN AIDC ICD V 1.0	AMHS	(1)	Not implemented
Colombia	Barranquilla ACC	Bogota ACC	PAN AIDC ICD V 1.0	AMHS	7/1/2021	Operational
Colombia	Barranquilla ACC	Curacao ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Colombia	Barranquilla ACC	Kingston ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Colombia	Barranquilla ACC	Maiquetia ACC	PAN AIDC ICD V 1.0	AMHS	3/8/2023	Operational
Colombia	Barranquilla ACC	Panama ACC	PAN AIDC ICD V 1.0	AMHS	10/15/2020	Operational
Colombia	Bogota ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Colombia	Bogota ACC	Barranquilla ACC	PAN AIDC ICD V 1.0	AMHS	7/1/2021	Operational
Colombia	Bogota ACC	CENAMER ACC	PAN AIDC ICD V 1.0	AMHS	9/30/2022	Operational
Colombia	Bogota ACC	Guayaquil ACC	PAN AIDC ICD V 1.0	AMHS	9/23/2019	Operational
Colombia	Bogota ACC	Lima ACC	PAN AIDC ICD V 1.0	AMHS	10/12/2020	Operational
Colombia	Bogota ACC	Maiquetia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Colombia	Bogota ACC	Panama ACC	PAN AIDC ICD V 1.0	AMHS	12/1/2022	Operational

TABLE CNS II-1 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) AND PAN AIDC ICD v1.0 SAM IMPLEMENTATION PLAN STATUS

State/Administration	Location of ATS	Location of adjacent ATS	Automated Protocol	Transmissions Means	Date of Implementation	Status
Ecuador	Guayaquil ACC	Lima ACC	PAN AIDC ICD V 1.0	AMHS	8/18/2018	Operational
Ecuador	Guayaquil ACC	Bogota ACC	PAN AIDC ICD V 1.0	AMHS	9/23/2019	Operational
Ecuador	Guayaquil ACC	CENAMER ACC	PAN AIDC ICD V 1.0	AMHS	3/16/2020	Operational
France (French Guyana)	Cayenne ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
France (French Guyana)	Cayenne ACC	Atlantico ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
France (French Guyana)	Cayenne ACC	Dakar ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
France (French Guyana)	Cayenne ACC	Paramaribo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
France (French Guyana)	Cayenne ACC	Piarco ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Guyana	Georgetown ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Guyana	Georgetown ACC	Maiquetia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Guyana	Georgetown ACC	Paramaribo ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Guyana	Georgetown ACC	Piarco ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Panama	Panama ACC	Barranquilla ACC	PAN AIDC ICD V 1.0	AMHS	10/15/2020	Operational
Panama	Panama ACC	Bogota ACC	PAN AIDC ICD V 1.0	AMHS	12/1/2022	Operational
Panama	Panama ACC	Cali APP	PAN AIDC ICD V 1.0	AMHS		Not implemented
Panama	Panama ACC	CENAMER ACC	PAN AIDC ICD V 1.0	AMHS	2/15/2019	Operational
Panama	Panama ACC	Kingston ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Panama	Panama ACC	Rio Negro APP	PAN AIDC ICD V 1.0	AMHS		Not implemented
Paraguay	Asuncion ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Paraguay	Asuncion ACC	La Paz ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Paraguay	Asuncion ACC	Resistencia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Peru	Lima ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS		Pre Operational
Peru	Lima ACC	Bogota ACC	PAN AIDC ICD V 1.0	AMHS	10/12/2020	Operational
Peru	Lima ACC	Guayaquil ACC	PAN AIDC ICD V 1.0	AMHS	8/18/2018	Operational
Peru	Lima ACC	Iquique ACC	PAN AIDC ICD V 1.0	AMHS	8/18/2018	Operational
Peru	Lima ACC	La Paz ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Peru	Lima ACC	Santiago ACC	PAN AIDC ICD V 1.0	AMHS	6/15/2026	Operational
Suriname	Paramaribo ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Suriname	Paramaribo ACC	Cayenne ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Suriname	Paramaribo ACC	Georgetown ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Suriname	Paramaribo ACC	Piarco ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented

TABLE CNS II-1 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) AND PAN AIDC ICD v1.0 SAM IMPLEMENTATION PLAN STATUS						
State/Administration	Location of ATS	Location of adjacent ATS	Automated Protocol	Transmissions Means	Date of Implementation	Status
Uruguay	Montevideo ACC	Atlantico ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Uruguay	Montevideo ACC	Curitiba ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Uruguay	Montevideo ACC	Ezeiza ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Uruguay	Montevideo ACC	Johannesburg ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Uruguay	Montevideo ACC	Resistencia ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Venezuela	Maiquetia ACC	Amazonico ACC	PAN AIDC ICD V 1.0	AMHS	8/11/2025	Operational
Venezuela	Maiquetia ACC	Barranquilla ACC	PAN AIDC ICD V 1.0	AMHS	3/8/2023	Operational
Venezuela	Maiquetia ACC	Bogota ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Venezuela	Maiquetia ACC	Curaçao ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Venezuela	Maiquetia ACC	Piarco ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented
Venezuela	Maiquetia ACC	San Juan ACC	PAN AIDC ICD V 1.0	AMHS		Not implemented

Notes: (1) OLDI connection currently in use. Migration to AIDC planned for 2028.

TABLE CNS II-2 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION LEVEL BY ATS

State/Administration	Location of ATS	ATM System	Adjacent ATS	Operational	Pre Operational	Not Implemented
Argentina	Comodoro Rivadavia ACC	Indra	3	0.00%	0.00%	100.00%
Argentina	Cordoba ACC	Indra	5	0.00%	0.00%	100.00%
Argentina	Ezeiza ACC	Indra	7	0.00%	0.00%	100.00%
Argentina	Mendoza ACC	Indra	3	0.00%	0.00%	100.00%
Argentina	Resistencia ACC	Indra	5	0.00%	0.00%	100.00%
Bolivia	La Paz ACC	Thales	6	0.00%	0.00%	100.00%
Brasil	Amazonico ACC	Atech	11	45.45%	18.18%	36.36%
Brasil	Atlantico ACC	Atech	8	37.50%	0.00%	62.50%
Brasil	Brasilia ACC	Atech	3	100.00%	0.00%	0.00%
Brasil	Curitiba ACC	Atech	8	50.00%	12.50%	37.50%
Brasil	Recife ACC	Atech	4	100.00%	0.00%	0.00%
Chile	Iquique ACC	Indra	4	50.00%	0.00%	50.00%
Chile	Puerto Montt ACC	Indra	4	25.00%	25.00%	50.00%
Chile	Punta Arenas ACC	Indra	2	50.00%	0.00%	50.00%
Chile	Santiago ACC	Thales	6	33.33%	16.67%	50.00%
Colombia	Barranquilla ACC	Indra	5	60.00%	0.00%	40.00%
Colombia	Bogota ACC	Indra	7	71.43%	14.29%	14.29%
Ecuador	Guayaquil ACC	Indra	3	100.00%	0.00%	0.00%
France (French Guyana)	Cayenne ACC	Adacel	5	0.00%	0.00%	100.00%
Guyana	Georgetown ACC	Intelcan	4	0.00%	0.00%	100.00%
Panama	Panama ACC	Thales	6	50.00%	0.00%	50.00%
Paraguay	Asuncion ACC	Atech	3	0.00%	33.33%	66.67%
Peru	Lima ACC	Indra	6	66.67%	16.67%	16.67%
Suriname	Paramaribo ACC	Intelcan	4	0.00%	0.00%	100.00%
Uruguay	Montevideo ACC	Indra	5	0.00%	0.00%	100.00%
Venezuela	Maiquetia ACC	Atech	6	33.33%	0.00%	66.67%

TABLE CNS II-3 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) IMPLEMENTATION LEVEL BY COUNTRY

State/Administration	AIDC Connections	Operational	Pre Operational	Not Implemented
Argentina	17	0	0	17
		0.00%	0.00%	100.00%
Bolivia	6	0	0	6
		0.00%	0.00%	100.00%
Brasil	25	10	3	12
		40.00%	12.00%	48.00%
Chile	13	4	1	8
		30.77%	7.69%	61.54%
Colombia	11	7	1	3
		63.64%	9.09%	27.27%
Ecuador	3	3	0	0
		100.00%	0.00%	0.00%
France (French Guyana)	5	0	0	5
		0.00%	0.00%	100.00%
Guyana	4	0	0	4
		0.00%	0.00%	100.00%
Panama	6	3	0	3
		50.00%	0.00%	50.00%
Paraguay	3	0	1	2
		0.00%	33.33%	66.67%
Peru	6	4	1	1
		66.67%	16.67%	16.67%
Suriname	4	0	0	4
		0.00%	0.00%	100.00%
Uruguay	5	0	0	5
		0.00%	0.00%	100.00%
Venezuela	6	2	0	4
		33.33%	0.00%	66.67%

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TABLE CNS II-4 – ATS INTERFACILITY DATA COMMUNICATION (AIDC) SAM REGIONAL IMPLEMENTATION LEVEL

ICAO Region	AIDC Connections	Operational	Pre Operational	Not Implemented
SAM	78	24	4	50
		30.77%	5.13%	64.10%

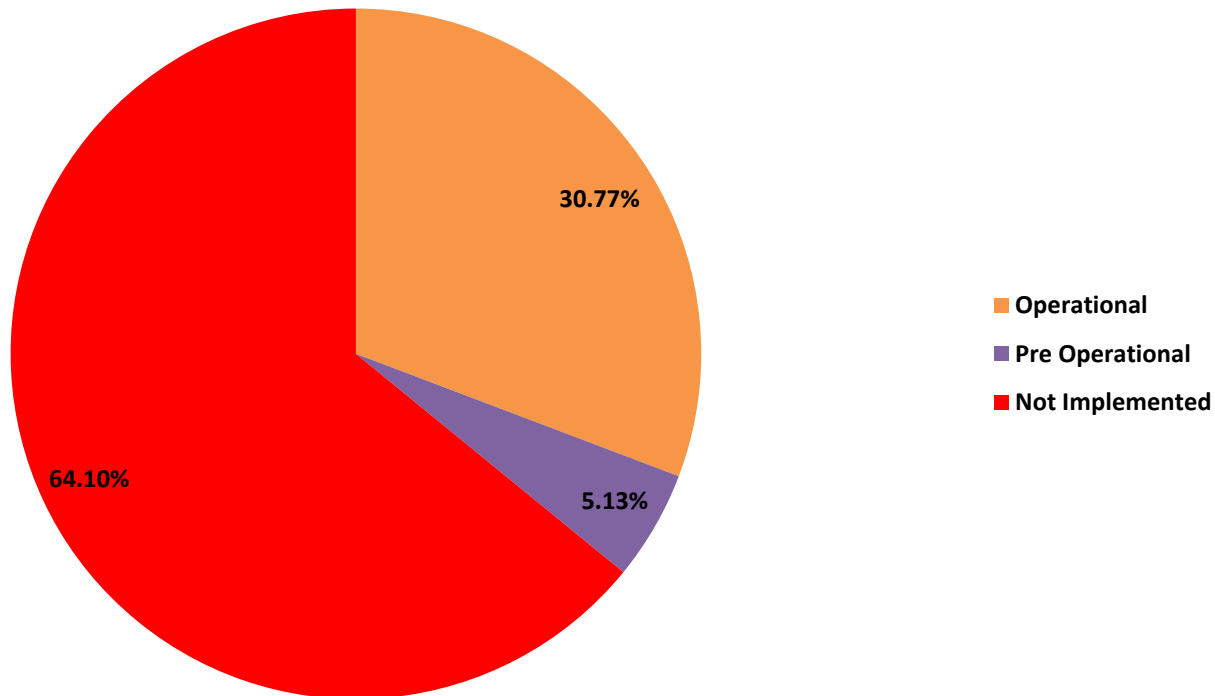


TABLE CNS II-2 – ATM SYSTEMS IN SAM REGION BY MANUFACTURER		
ATM System	Quantity	Percentage
Adacel	1	3.85%
Atech	7	26.92%
Indra	13	50.00%
Intelcan	2	7.69%
Thales	3	11.54%
Total	26	100.00%

