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CAPACITY & EFFICIENCY

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Seminar Overview

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3rd ICAO SAM A-CDM Seminar

ICAO SAM Regional Office

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PROBLEM/OPPORTUNITY

What problem are we addressing or opportunity
are we pursuing?





Air traffic is predicted to **double** in the next 15 years

How can we **ensure** the realization of this growth?



8 out of 10 of busiest airports in LATAM are in SAM

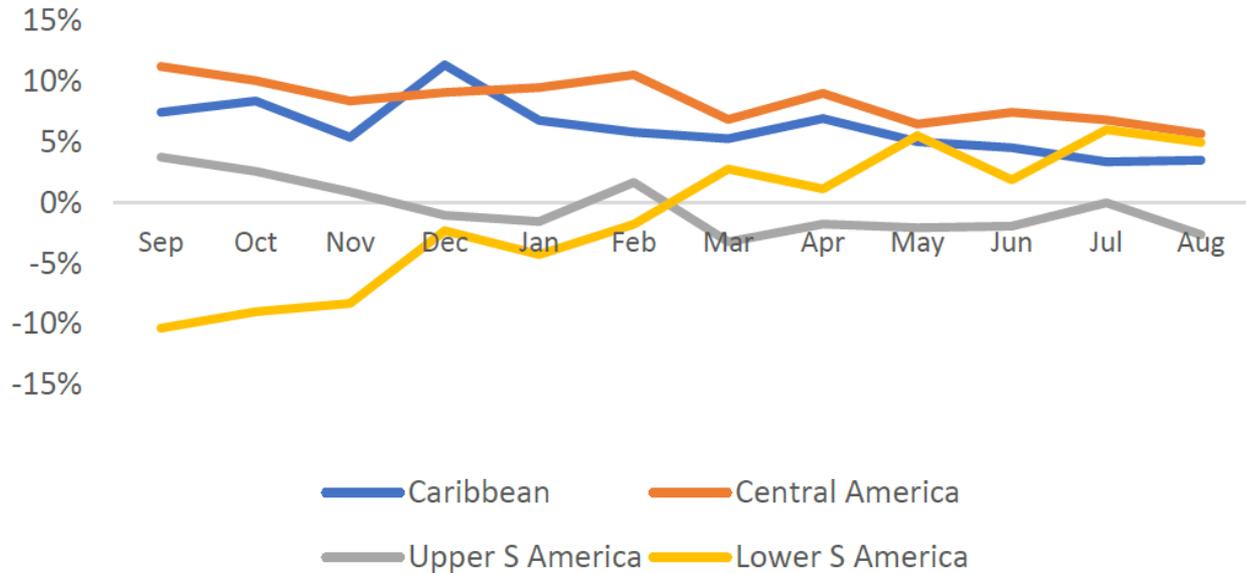
Table 13: Passengers – Latin America-Caribbean’s busiest airports (2015)

Rank 2015	Rank 2005	City, Country	Airport code	Passengers 2015	% Change (2015/2014)	% CAGR 2005-2015	% Regional traffic share	+ Passengers (millions)
1	3	São Paulo, Brazil	GRU	39 213 865	-1.4%	8.8%	6.9%	-0.6 m
2	1	Mexico City, Mexico	MEX	38 433 288	12.2%	4.8%	6.7%	+4.2 m
3	5	Bogota, Colombia	BOG	29 956 551	9.2%	10.8%	5.3%	+2.5 m
4	7	Cancun, Mexico	CUN	19 699 181	12.3%	7.7%	3.5%	+2.2 m
5	6	Brasilia, Brazil	BSB	19 503 501	7.5%	6.8%	3.4%	+1.4 m
6	2	São Paulo, Brazil	CGH	19 206 094	6.3%	1.1%	3.4%	+1.1 m
7	10	Santiago, Chile	SCL	17 230 567	7.2%	10.0%	3.0%	+1.2 m
8	14	Lima, Peru	LIM	17 112 536	9.2%	11.7%	3.0%	+1.4 m
9	8	Rio De Janeiro, Brazil	GIG	16 942 229	-1.9%	6.3%	3.0%	-0.3 m
10	29	Panama City, Panama	PTY	13 734 673	7.5%	17.4%	2.4%	+1 m

Source: ACI World Airport Traffic Database, 2016



Latinoamérica Cambio interanual en capacidad



Fuente: OAG Schedules Analyser



Top 10 SAM Airports over 100k movements (2015)

Country	ICAO	IATA	Airport name	Movements 2015
Colombia	SKBO	BOG	Bogotá /El Dorado	343,409
Brazil	SBGR	GRU	São Paulo-SP/Guarulhos	295,030
Brazil	SBBR	BSB	Brasília-DF	186,407
Perú	SPJC	LIM	LIMA-CALLAO/Jorge Chávez Intl	166,388
Chile	SCEL	SCL	SANTIAGO/ AP. Arturo Merino Benítez	141,689
Panamá	MPTO	PTY	PANAMÁ/Tocumen Intl.	141,642
Brazil	SBGL	GIG	Rio de Janeiro-RJ/Galeão	132,792
Brazil	SBKP	VCP	Campinas-SP/Viracopos	127,395
Argentina	SABE	AEP	BUENOS AIRES/Aeroparque J. Newbery	120,492
Brazil	SBCF	CNF	Belo Horizonte-MG/Confins-Tancredo Neves	113,527



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PROBLEM/OPPORTUNITY

What problem are we addressing or opportunity are we pursuing?





Is this your Problem?

Delays on surface operations due to inefficient used of installed capacity and lack of airport infrastructure to cope with the demand.



Or this one?

Lack of equity and access to ATM and Airport resources due to absence of coordination of common operational solutions.



Or this one?

Inefficient use of aerodrome resources due to lack of common situational awareness and information sharing thus affecting predictability and decision making during regular or irregular operations



Our Objective

- Foster a consistent but scalable A-CDM implementation in the SAM Region.
- Gather regional and local needs to feed SAM RO implementation initiatives.
- Support States and AO's in the implementation process





Business Requirements

The planned solution must:

- Maintain **SAFETY** levels
- Achieve operational improvements with current scenario (constraints and growing demand)
- Be **cost-effective**
- **Environmental** friendly
- Involve all stakeholders (**collaborative**)



Image: industryweek.com



Product Requirements

The planned solution must:

- Be applied in a **harmonized** and **interoperable** way
- Take into consideration each local **operational reality** (scalable).
- Be compatible with current initiatives (avoid duplication of efforts)
- Be applied faster than infrastructure projects



Image: Mike Kelley



General rules



Punctuality



Participation



No smoking



No cellphone



Coffee and Lunch
Breaks



Networking



Participants

- Who are you?
- Where do you work?
- What do you do?
- I want to take away...





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