



JORNADA DATALINK

Automated system for Continental CPDLC

2016/03/17

Edson Fagundes Gomes



OBJECTIVE



To present the past, the present and discuss the future of automated system as a solution for CPDLC Continental operation

SUMMARY



- About Atech
- SAGITARIO as ATM system with ADS-C/CPDLC capabilities
- From 1993 until now
- Atech vision as a roadmap for the future

ATECH CHRONOLOGY



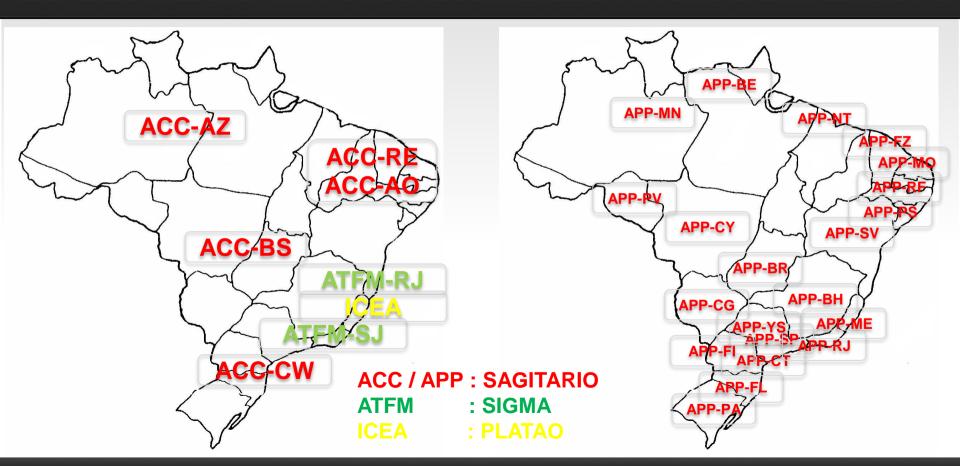




VIDEO FOR INTRODUCING SAGITARIO AS AN ATM SYSTEM

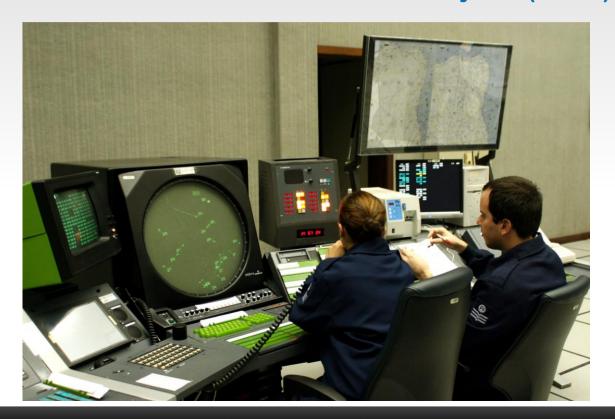
ATM/ATFM/TRAINING SYSTEM in BRAZIL





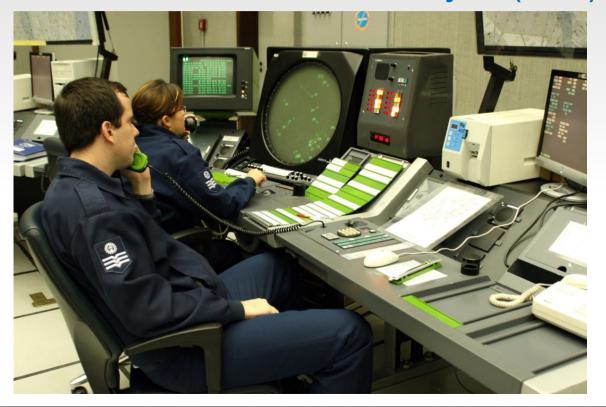


From 1993 till 2007: ACC-RE works with ATM system (MITRA)





From 1993 till 2007: ACC-RE works with ATM system (MITRA)





From 1993 till 2008: ACC-AO also works with ATM system (MITRA)





From 1993 till 2008: ACC-AO also works with ATM system (MITRA)





AUDIO WITH A HF/VFH COMMUNICATION

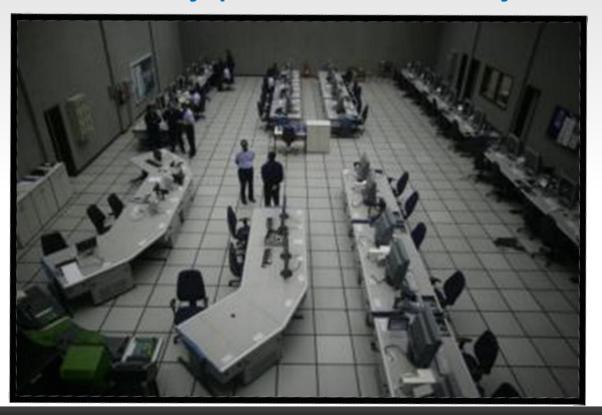


2006: ACC-RE and ACC-AO start to migrate from MITRA to X-4000





2007: ACC-RE is fully operation with X-4000 ATM system





2008: ACC-AO is fully operational with X-4000 with ADS-C/CPDLC capabilities

VIDEO FOR X-4000 with ADS-C/CPDLC functionalities

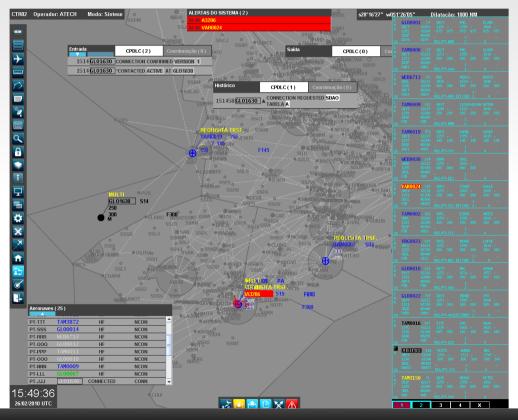


2010: ACC-RE is fully operation with SAGITARIO ATM system





2016: ACC-AO will start its operation with SAGITARIO with ADS-C/CPDLC capabilities

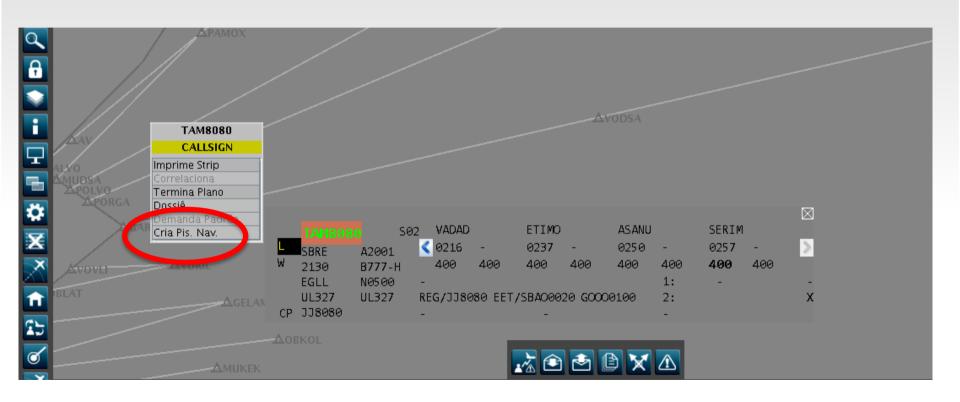




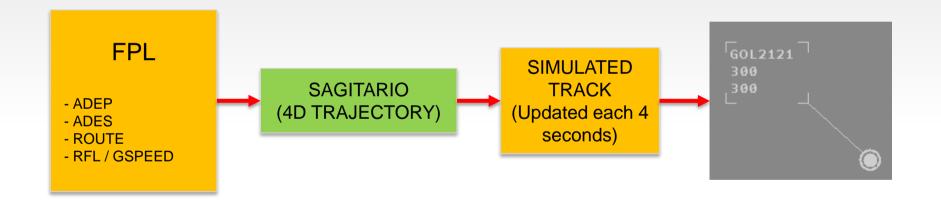




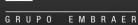






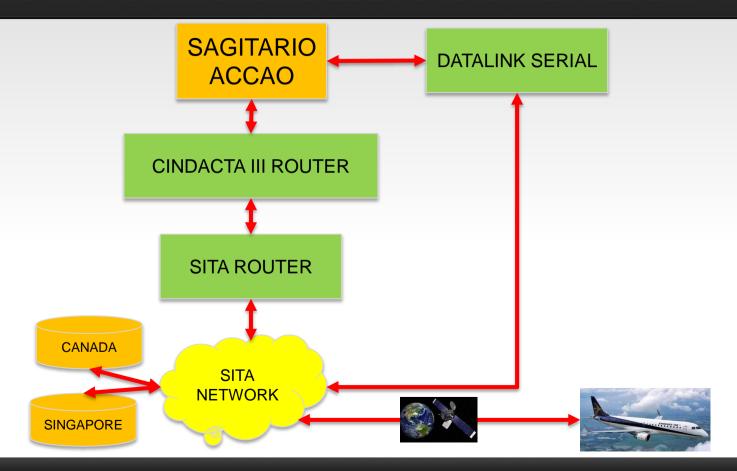




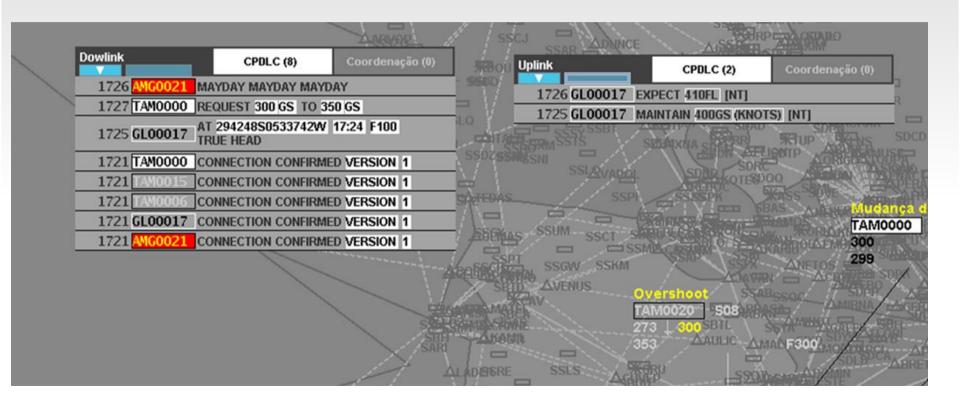








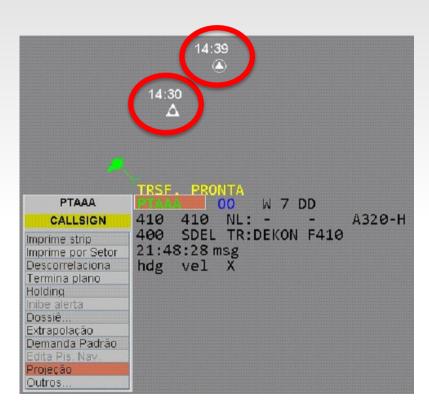






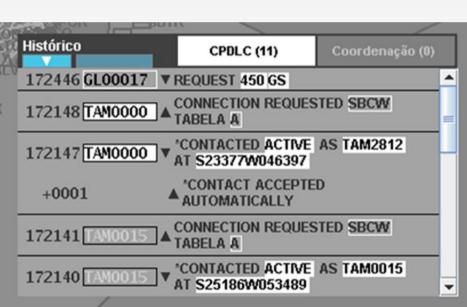








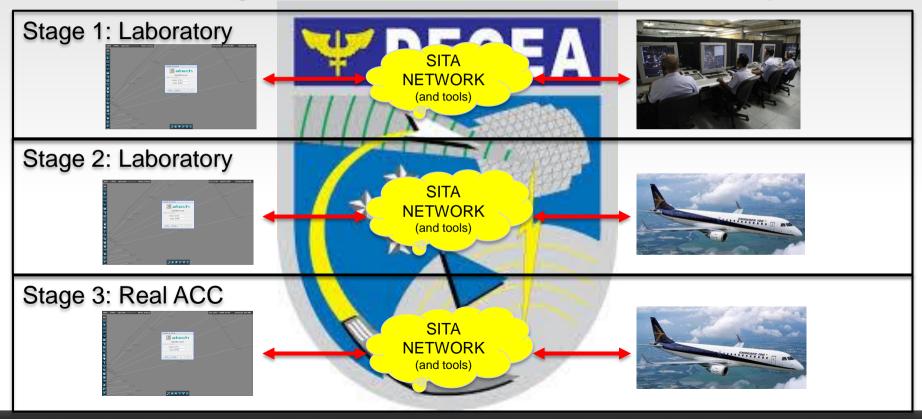
Composição Composição	de Mensag Conexão	em - TAM	111 - TAM	0009				
					SURVL NEGOT			GROUP
Composição de	Complete Control of the Control		RADAF RADAF	SERVICE CONTAC	ES TERM CT [POSI MICROPI	INATED TION]		
				Envia	Re	move	Lir	mpa
							Fe	cha





ROADMAP FOR THE FUTURE

Trial in order to integrate SAGITARIO to SITA Network for Continental Operation

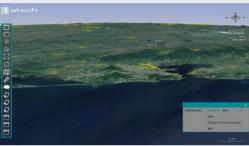






Approaching for SWIM: Presentation at Mini Global II – FAA – 2016, April, 25th. to 29th.







CLOSE OUT



- The use of ADS-C and CPDLC technologies nowadays are fully operation with the X-4000 ATM system, in the ACC-AO FIR, and which will be replaced by SAGITARIO till the end of 2016
- Moreover, such mature operational concept achieved is result of a strategic plan built since de 90´s, with DECEA and industry working together in this quest
- It means that such success achieved can be used as a "lighthouse" to guide for the next steps regarding Continental CPDLC
- And while this walking to the Continental CPDLC use, to take into consideration all the operational assessment, as well as the experience acquired by other agencies (FAA and EUROCONTROL)

