AIDC/OLDI Workshop

ICAO MID Office

(Cairo, Egypt, 14-16 February2023)

Status of AIDC/OLDI implementation in Egypt

Outline

❑ **ICAO MID Air Navigation strategy (FICE)**

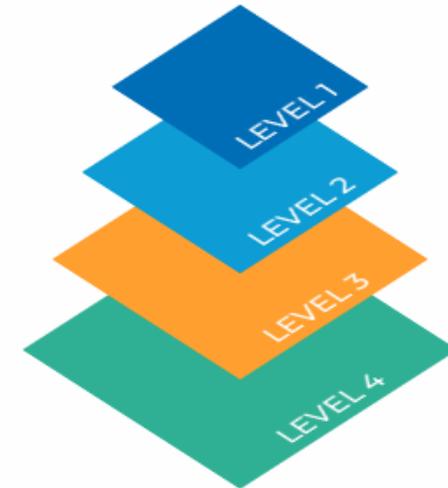❑ **Current implementation level in Egypt**

❑ **Future plan/ challenges**

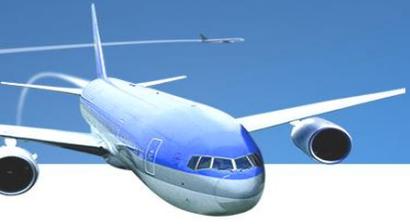## MULTILAYER STRUCTURE OF THE GANP

GLOBAL STRATEGIC

GLOBAL TECHNICAL

REGIONAL

NATIONAL

LEVEL 1
LEVEL 2
LEVEL 3
LEVEL 4

ICAO GANP

ICAO MID Air Navigation strategy

Priority 1 ASBU Element: Elements that have the highest contribution to the improvement of air navigation safety and/or efficiency in the MID Region. These Elements should be implemented where applicable and will be used for the purpose of regional air navigation monitoring and reporting.

Priority 2 ASBU Element: Elements recommended for implementation based on identified operational needs and benefits by States.

Ref: ICAO MID Air navigation strategy, 2021

ICAO MID Air Navigation strategy (FICE)

Thread	Element code	Title	Priority	Start Date	Monitoring		Remarks
					Main	Supporting	
FICE							
FICE	B0/1	Automated basic inter facility data exchange (AIDC)	1	2014	CNS SG ATM SG		

Ref: ICAO MID Air navigation strategy, 2021

ICAO MID Air Navigation strategy (FICE)

Element		Applicability	Performance Indicators/ Supporting Metrics	Targets	Timelines
FICE					
FICE B0/1	Automated basic inter facility data exchange (AIDC)	According to the MID Region AIDC/OLDI Priority 1 Applicability Area at Attachment A	Indicator*: % of priority 1 AIDC/OLDI Interconnection have been implemented Supporting metric: Number of AIDC/OLDI interconnections implemented between adjacent ACCs	70%	Dec 2020

MID Region Air Navigation Strategy
- 11 -
February 2021

Ref: ICAO MID Air navigation strategy, 2021

ICAO MID Air Navigation strategy (FICE)

MID Region AIDC/OLDI Applicability Area (Priority 1 and 2 for Implementation)
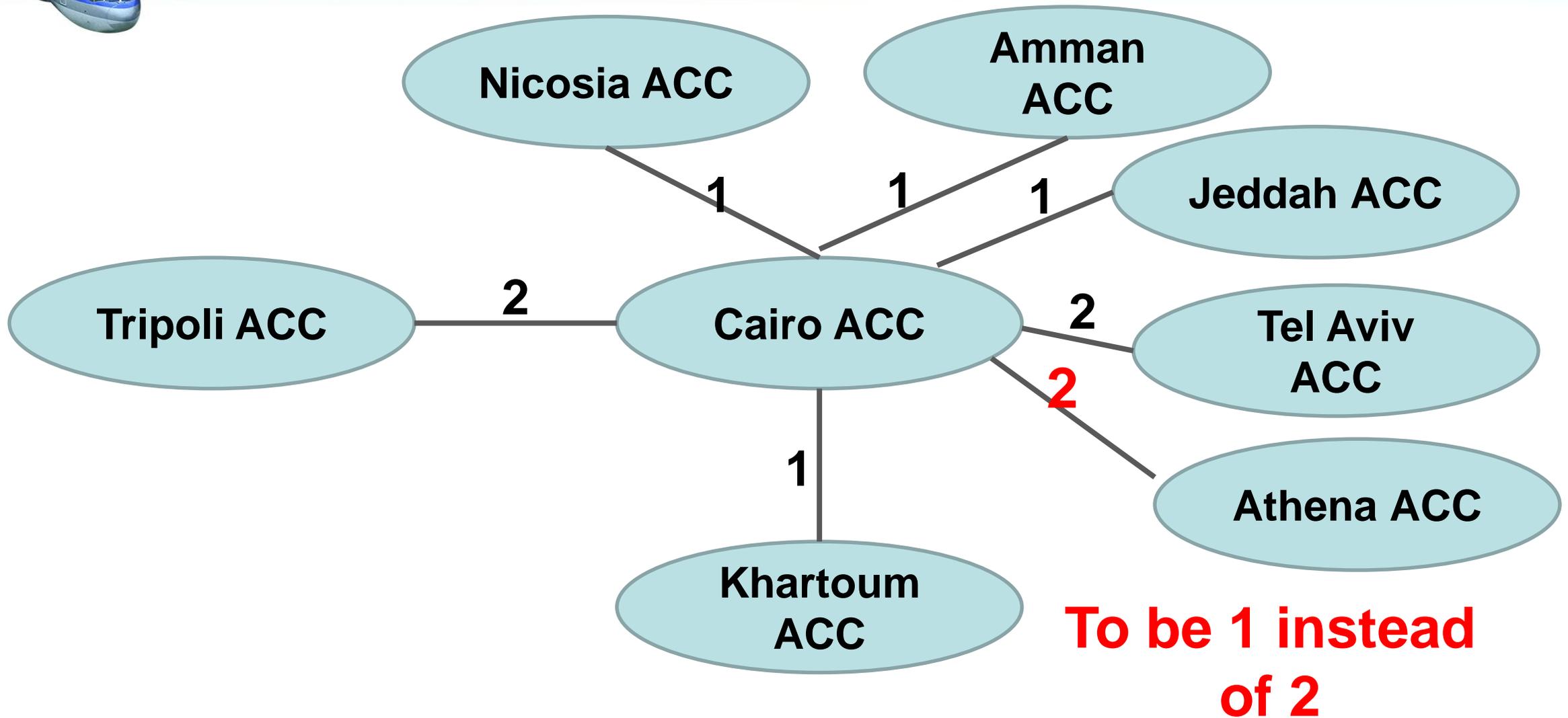### As of July 2018

ACC	Adjacent ACCs					
Amman	Cairo (1)	Baghdad (2)	Damascus (2)	Jeddah (1)	Tel Aviv (2)	
Baghdad	Amman (2)	Ankara (1)	Damascus (2)	Jeddah (2)	Tehran (2)	Kuwait (1)
Bahrain	Doha (1)	Emirates (1)	Jeddah (1)	Kuwait (1)	Riyadh (1)	Tehran (2) AFTN MSG / Dammam(2)
Beirut	Damascus (2)	Nicosia (1)				
Cairo	Amman (1)	Athena (2)	Jeddah (1)	Khartoum (1)	Nicosia (1)	Tel Aviv (2) / Tripoli (2)

(1) = Priority 1 for implementation based on the number of traffic movements and/or operational needs (Green color means already implemented)

(2) = Priority 2 for implementation based on the number of traffic movements or if other solution is in place such as exchange of information via AFTN

Ref: ICAO MID Air navigation strategy, 2021

MID Air Navigation strategy

Outline

❑**ICAO MID Air Navigation strategy (FICE)**

❑**Current implementation level in Egypt**
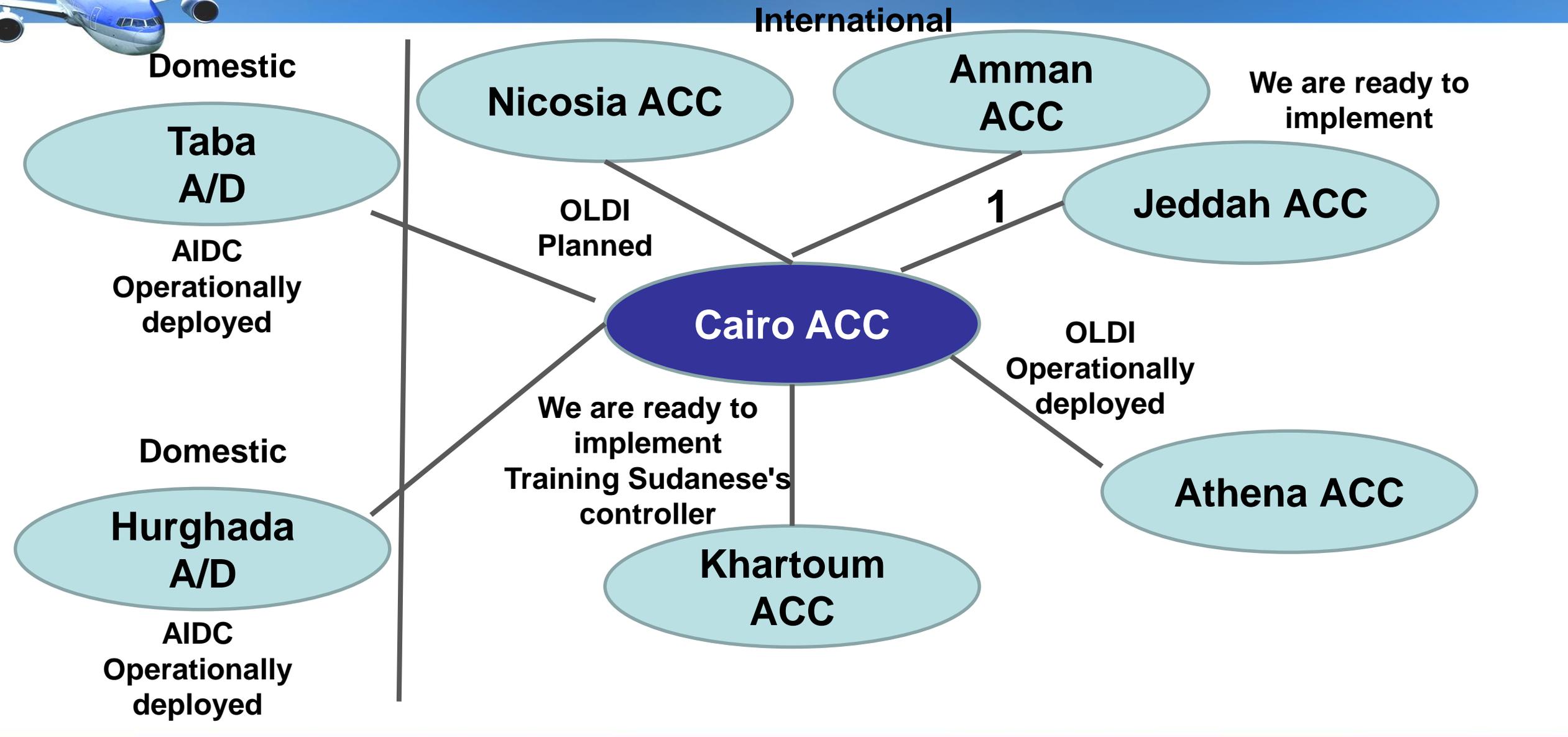
❑**Future plan/ challenges**

ICAO MID Air Navigation strategy (FICE)

- The status of an OLDI exchange in an interface can be classified as:
  - Operationally deployed
  - Pre-Operational integration
  - Technically available
  - Planned
  - Not yet planned
  - Not applicable

Ref: OLDI monitoring tool, EUROCONTROL

Status of ASBU Implementation (Priority 1 Threads/Elements)

International

Domestic

Nicosia ACC

Amman ACC

We are ready to implement

Taba A/D

AIDC Operationally deployed

OLDI Planned

1

Jeddah ACC

Cairo ACC

OLDI Operationally deployed

Domestic

We are ready to implement Training Sudanese's controller

Hurghada A/D

AIDC Operationally deployed

Khartoum ACC

Athena ACC

Message set

❑ **Message set in operation based on operational requirements:**

❑ **Athena implementation (ABI, ACT, PAC, LAM, REV, MAC,COD, INF).**

Outline

□ **ICAO MID Air Navigation strategy (FICE)**

□ **Current implementation level in Egypt**

□ **Future plan/ challenges**

Future Plan

❑**Upgrade ATM system (ACC) including OLDI**

connections with necessary ACCs and A/D.

Challenges

☐ **Failure of Communication links**

☐ **Interoperability**

☐ **COVID-19**

Conclusion

❑ **Review and update Focal pints (technical and operation)**

❑ **Close cooperation with other adjacent states**

❑ **Periodic reviewing of OLDI/AIDC priorities in the MID region**

Thank you