



EGYPTAIR

EgyptAir Vision for PIDA



EGYPTAIR

MAINTENANCE & ENGINEERING

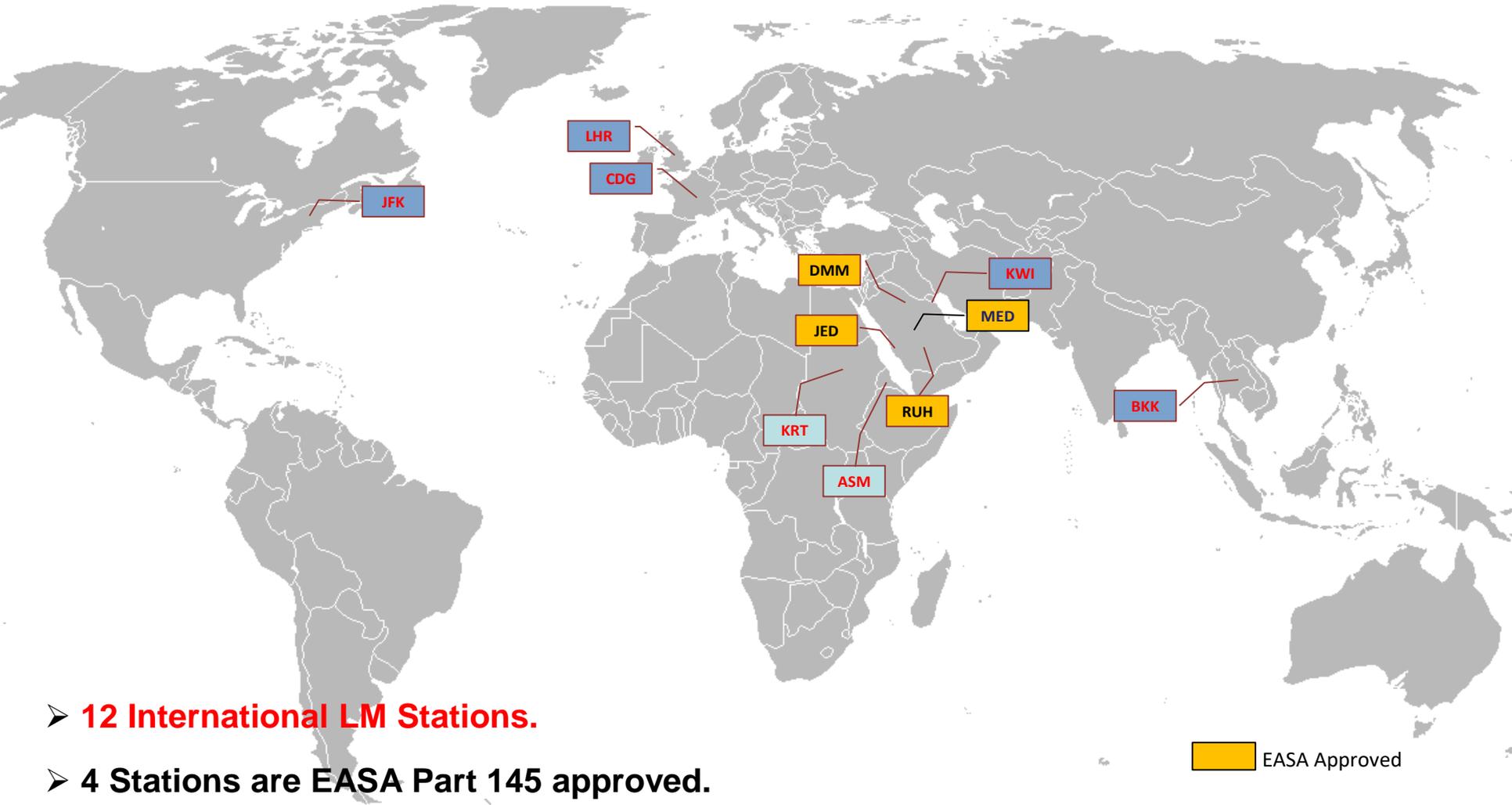
**EGYPTAIR M&E
Products & Services**

Company Overview



- ✦ Independent MRO in 2002.
- ✦ +5000 employees
- ✦ EASA / FAA / ECAA Part 145 Approved MRO.
- ✦ US. D.O.T. approved.
- ✦ +23 CAA approvals,
- ✦ Approved Repair Center form B/E Aerospace.
- ✦ ISO 9001:2008 approved.
- ✦ ISO 17025 approved (ANAB).
- ✦ +120 contracted customer from Africa, Middle East, and Europe.

Aircraft Line Maintenance Services



➤ **12 International LM Stations.**

➤ **4 Stations are EASA Part 145 approved.**

Aircraft Base Maintenance Services



- ✦ Modifications
- ✦ Aircraft Painting
- ✦ LG Replacement
- ✦ Aircraft Tear-down
- ✦ Defect Rectification
- ✦ AD/SB embodiment
- ✦ Cabin Reconfiguration
- ✦ Aircraft Preservation / Storage
- ✦ Structure & Composite Repairs
- ✦ Interior Panel Cabin Decoration
- ✦ Engine Change / QEC build-up
- ✦ Repair and renewal of Seats, Galley and Toilets
- ✦ Pipes manufacturing, machining, chemical cleaning and welding.

Engine Services



The Engine Shop provides the following services and solutions:

- ✦ Engine repair & refurbishment.
- ✦ Engine pre-lease & post-lease inspection
- ✦ Engine preparation for shipping / storage.
- ✦ Engine assessment.
- ✦ Engine parts minor repairs.
- ✦ Dynamic and static modules balance.
- ✦ HPC Case and HPT Shroud grinding procedures.
- ✦ Engine teardown.
- ✦ Engine wash.



Engine Type	QEC Strip & Build	Module Change	Test	Core Overhaul
PW4158	✦	✦	✦	
V2500 A1/A5	✦	✦	✦	✦
Trent 700	✦	✦	✦	
CFM56-3C/ -5C	✦	✦	✦	✦
PW4090	✦	✦		
CFM56-7B	✦	✦	✦	
* Engine Mounts Inspection & Repair		* Elect. Parts Inspection, Repair & Test		

Components Services



Mechanical Components Workshop

- ✦ Oxygen Cylinders workshop.
- ✦ IDG & APU Generator repair workshop
- ✦ Pilot & Co-pilot Seats repair workshop
- ✦ Hydraulic Components workshop
- ✦ Wheels & Brake units workshop
- ✦ Non-destructive testing workshop (NDT)
- ✦ Safety Equipment & High-pressurized Cylinders workshop
- ✦ Flight Controls, Mechanical Components and Cargo Power Drive units workshop.
- ✦ Pneumatic & Air Conditioning Components workshop (heat exchangers cleaning, welding and repair / Pneumatic valves & filters repair).
- ✦ Miscellaneous Components workshop (water & waste system components including toilet assembly & water faucet repairs).
- ✦ Support workshops (cleaning, painting, and chemical treatment).

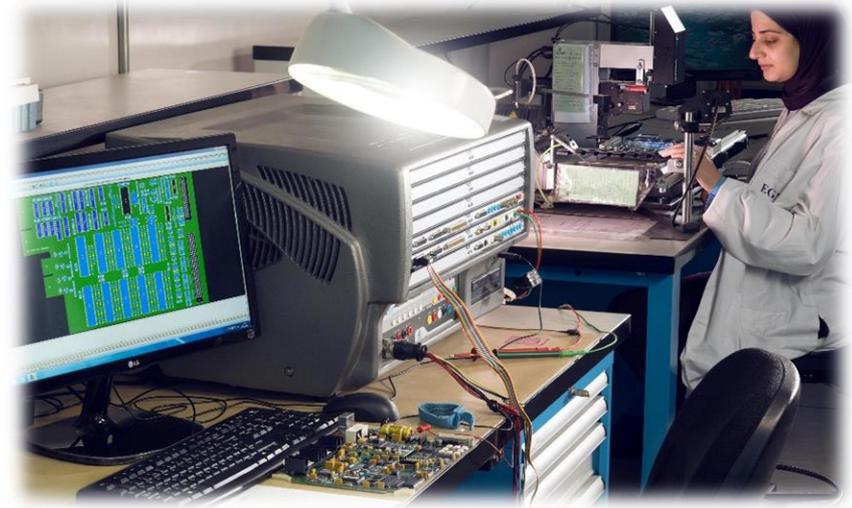


Components Services



Avionics , ATEC, Instruments, Radio, Electrical Workshops

- ☞ Voice Recorder (CVR).
- ☞ Pressurization Controllers.
- ☞ Main Batteries and Battery packs.
- ☞ Auto Pilot system and ECAM system.
- ☞ Oxygen Systems and Oxygen containers.
- ☞ A/C Modules, Lights, Light controller, Fans.
- ☞ Ovens, Steam Ovens, Boilers, Water Heaters.
- ☞ Air Chillers, Freezers, Coffee Makers and Hot cup.
- ☞ Pneumatic and Electromechanical Indicators.
- ☞ Read out and analysis of Flight Data Recorders (FDR) and Cockpit
- ☞ Emergency Power Supply Unit, Energy box and Transformer.
- ☞ Thermocouples, Proximity S/W and Temperature Sensors.



Components Services



Avionics , ATEC, Instruments, Radio, Electrical Workshops

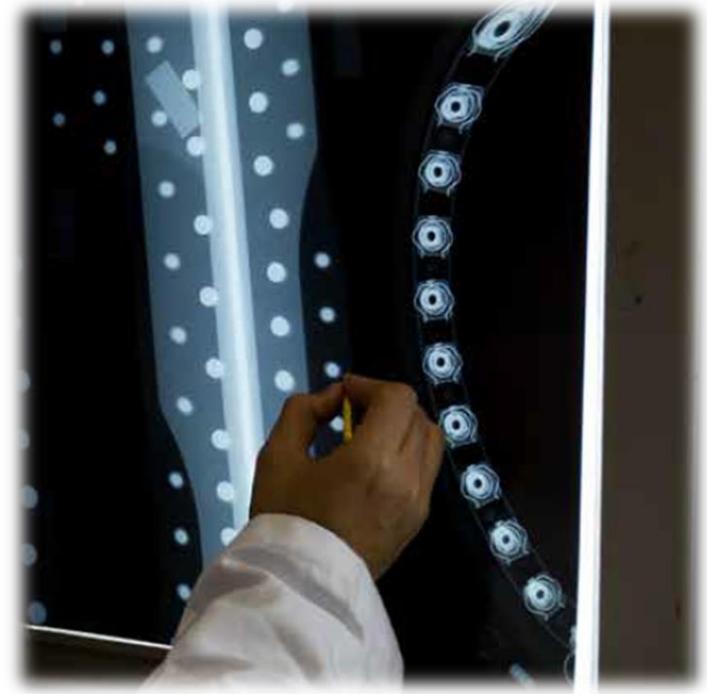
- ✦ Repair cards up to level 3
- ✦ Smoke detectors & Fuel Prop.
- ✦ Full colour display unit and Thermal Printers.
- ✦ Flight control system and Heating controllers.
- ✦ Readout of all types of flight data system.
- ✦ Landing gear, break controller and monitors.
- ✦ Air Data and Inertial Reference Systems
- ✦ Entertainment Communication Systems
- ✦ Radar Systems and Emergency systems
- ✦ Navigation Systems and Communication Systems



NDT Services



- ☞ Magnetic particles inspection
- ☞ Liquid penetrant inspection
- ☞ Radio graphic inspection
- ☞ Eddy current inspection
- ☞ Ultrasonic inspection
- ☞ Therography



Level-3 personnel qualified according to EN 4179 and NAS 410 standards;
capable of providing NDT on-site support.

Future Growth & New Capabilities



Additional Capacity:

- New LM Outstations in African Countries.
- Base Maintenance New Facility H9000
- Painting Hangar

New Capabilities:

- EGYPTAIR New Fleet Capabilities:

Airbus 220 (PW1100)

Airbus 320 neo (Leap)

Boeing 787 (Trent1000)

Business Opportunities:

- Supporting Clients Growth.
- Partnership with MROs & OEM.





EGYPTAIR

GROUND SERVICES



ABOUT US

The first Ground Services Company established in EGYPT, AFRICA, and the Middle East region.

EGYPTAIR Ground Services provides the ground handling services according to Egyptian Civil Aviation Authorities (ECAA), International Civil Aviation Organization (ICAO), Federal Aviation Authority (FAA) and International Air Transport Association (IATA) regulations.

EGYPTAIR Ground Services is first Ground Handling company in AFRICA, Middle East region and the fifth in the world to provide its' services as an ISAGO provider since 2008 at CAIRO (CAI), SHARM EL SHIEKH (SSH), HURGHADA (HRG), BORG EL ARAB (HBE), LUXOR (LXR) and ASWAN (ASW) stations.

ABOUT US



EGYPTAIR Ground Services is proud to provide its' ground services at 13 Egyptian international A/Ps with 17 terminals, serving more than 160 contracted/non contracted carriers with 79.8% of market share of the total number of services provided in the Egyptian international airports where we exist.

EGYPTAIR Ground Services provides its services to following range of industry aircrafts:

Passenger aircrafts

Combined aircrafts

Cargo aircrafts

Military aircrafts

Helicopters

Training aircrafts

VIP and Executive jets

Air show aircrafts

Our fleet



EGYPTAIR Ground Services provides its services with more than 87 years of experience and expertise of 5500 well trained staff (according to IATA & ICAO regulations requirements) and using more than 1300 piece of motorized equipment & 470 land transportation vehicles.



Provided Services:



- ✎ Passenger handling
- ✎ Aviation Security Services
- ✎ Baggage Services, Lost & Found Services
- ✎ Lounge and VIP Services
- ✎ Passenger with reduced mobility (UM, MEDA, WCH, DEPO)
- ✎ Ramp Services
- ✎ Irregularity Handling
- ✎ Load Control
- ✎ Administration services
- ✎ Loading and off-loading for all types of aircraft
- ✎ Cargo Handling Service
- ✎ A/C marshaling
- ✎ Training and capacity building
- ✎ Crew and staff ground transportation
- ✎ Ground Support Equipment overhaul maintenance and repair up



Metal factory

EGYPTAIR Ground Services METAL FACTORY have the capability to manufacture and repair Ground Support non-motorised Equipment

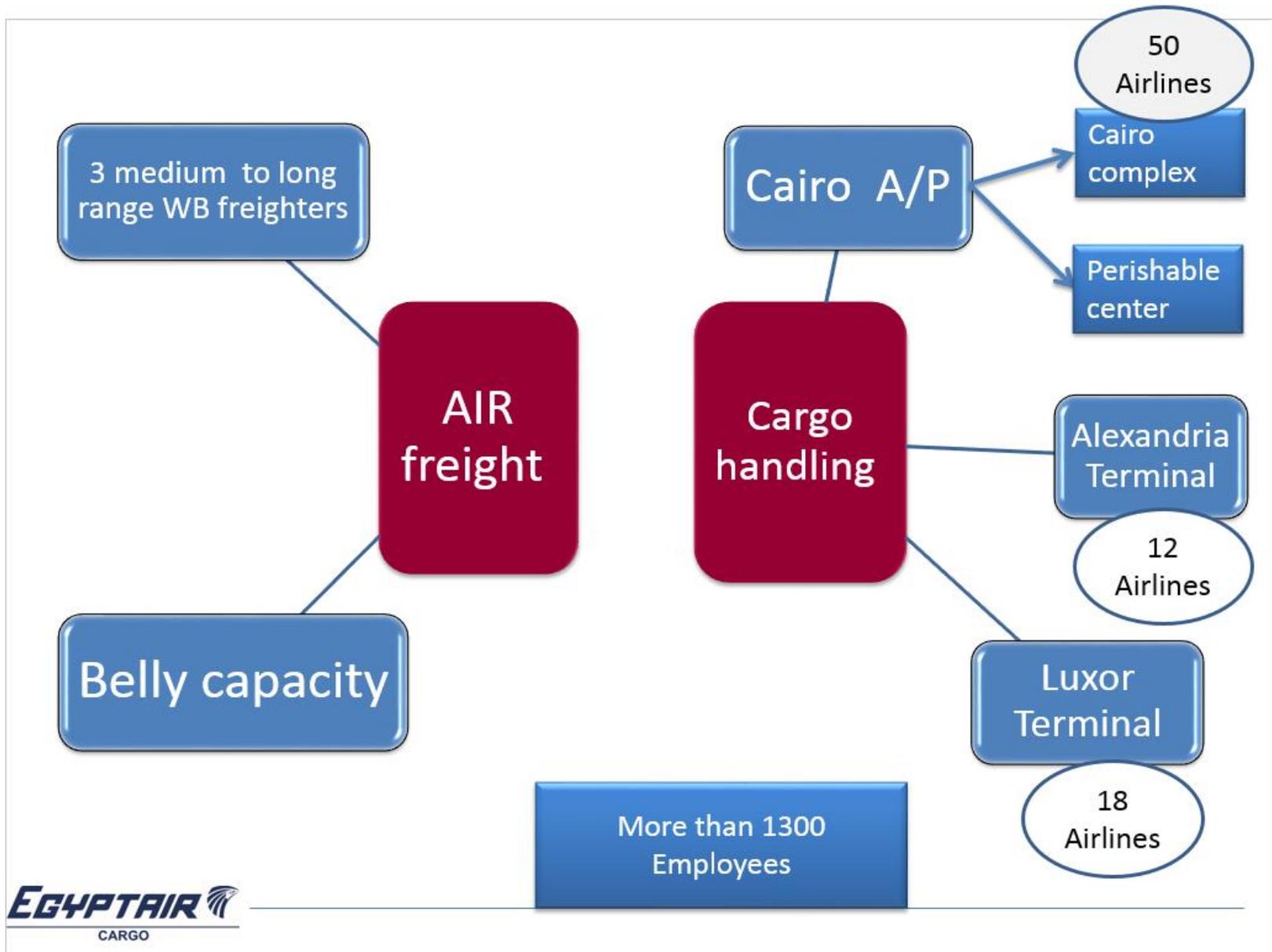




EGYPTAIR

CARGO

Company profile



Certificates

- ✎ Air operator certificate
- ✎ Cargo facility certificate
- ✎ Dangerous goods operator certificate
- ✎ IOSA Operator since 2004
- ✎ ISAGO Operator
- ✎ EASA TCO operator since 2015
- ✎ Regulated Agent (RA3) (Cairo Complex/Perishable Terminal/Borg El-Arab/Luxor) since 2014.
- ✎ Air Cargo or mail Carrier carrying Cargo and Mail into the European Union (ACC3) since 2014.

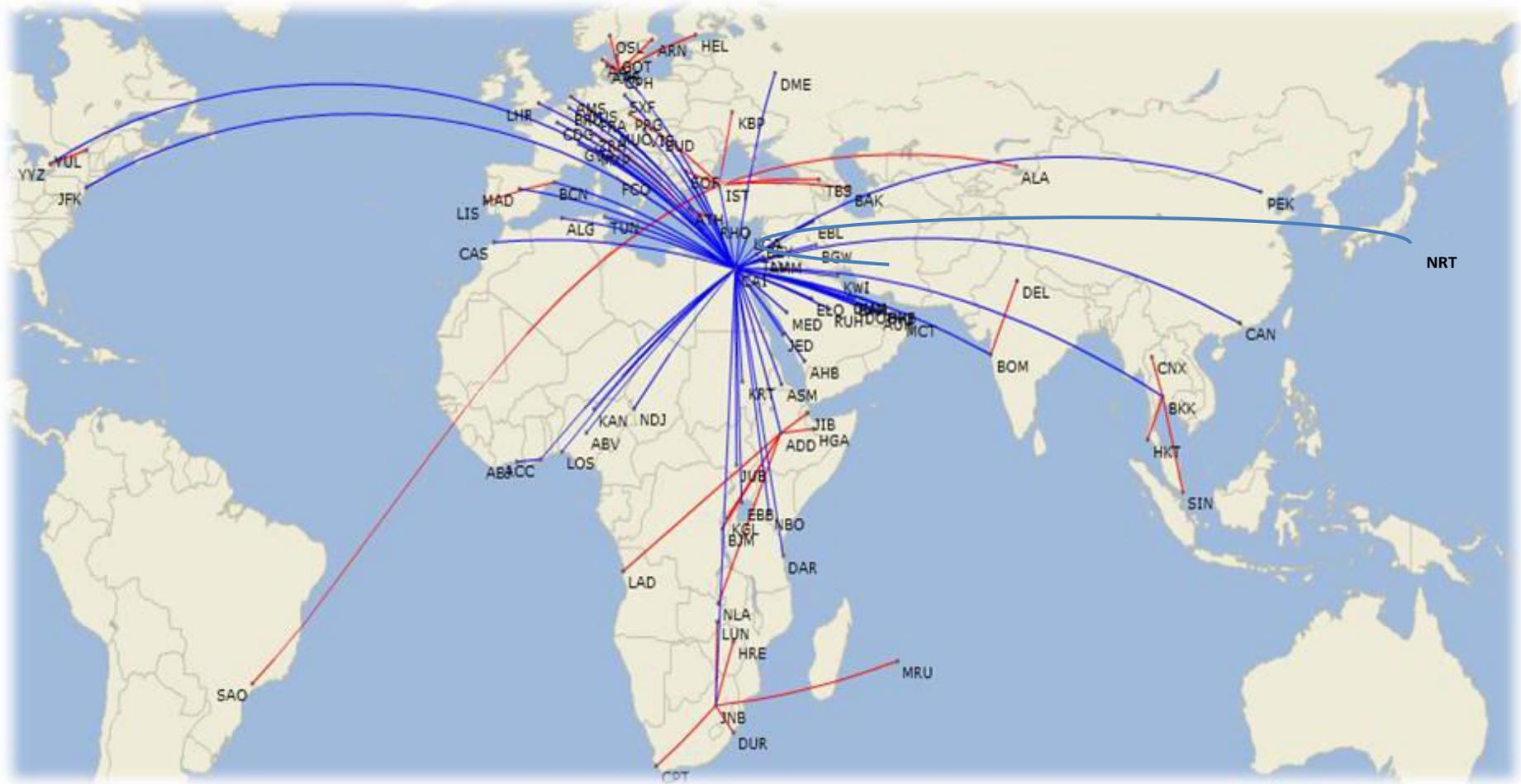


AOC

EU-ACC3



EgyptAir Airlines is serving 58 cities



Current freighter network

