



BEYOND FLIGHT

 **Atitech**





Our Mission is to provide excellence, reliability, quality and on time performance to create value for our Customers.

Since the beginning of our adventure as a repair station for the Alitalia fleet, back in the 90's, we always tried to preserve our operational and direct, approach, valuing, above all, every airline's needs; we were part of an airline too, after all.

Today our market is extremely competitive.

New players balance their lack of expertise with extremely lean structures and low costs.

We have aligned our prices to industry standards, but we did not sacrifice anything from our knowledge, our past, choosing instead to optimize processes and while preserving the highest possible quality standards.

Even with all the changes, I believe that we will keep on turning challenges into great opportunities.

**Gianni Lettieri**  
Atitech Chairman







Atitech is the largest independent MRO in EMEA. It has two main bases, one in Naples, and the second one in Rome, Italy. In addition, there are 21lea line stations in Italy and 11lea worldwide. The Company offers best-in-class maintenance and engineering solutions for airframe, engines and components, including airframe maintenance, engines and components repair/overhaul services and technical training dedicated to the most popular Airbus, Boeing, ATR, Bombardier, Embraer aircraft types.

With acquisition in November 2022 of Alitalia Engineering & Maintenance, the Company has further expanded its range of services and locations.



## Overview

Atitech has a long experience in line and base maintenance, including advanced composite repairs, painting, cabin refurbishment & retrofit and component services, and serves worldwide more than 100 customers in over 30 strategic line stations.

Skilled and qualified workforce has more 1,500 engineers and certifying staff, always ready to exceed customers' expectations through tailor-made services, world-class work, industry-leading turn-around-times, competitive pricing and a wide range of capabilities.

Today Atitech is fully capable of providing full maintenance support to third party customers, with its facilities, one painting hangar for narrow body aircraft (soon with a second for wide body aircraft), workshops and its owned inventory, almost unsurpassed in EMEA market. Our values are competence, experience, responsiveness, reliability, passion, talent and problem-solving attitude.





Atitech has two main bases, in Rome – Fiumicino Intercontinental Airport with 4 hangars, capable to accommodate up to 6 narrow body and 5 wide body aircraft, and Naples – Capodichino International Airport, capable to accommodate up to 14 narrow body, 2 wide body and 2 regional aircraft. Both bases are strategically located in the middle of the Mediterranean Sea, in a high-density aviation industry region. Moreover, the Company has 30ea additional line maintenance stations, out of which 19ea in Italy, in addition to FCO and NAP, active in base and line maintenance, and 11ea outside Italy. Atitech takes advantage of several partners known worldwide, providing maintenance activities and making available for air carriers a wide range of MRO services.

## Locations and organization



■ Base & Line Maintenance

■ Line Maintenance



## 11 stations worldwide

Parigi • Francoforte • Monaco • Mosca  
Algeri • Casablanca • Tunisi • Tel Aviv • Osaka  
San Paolo • Buenos Aires



## 21 stations in Italy

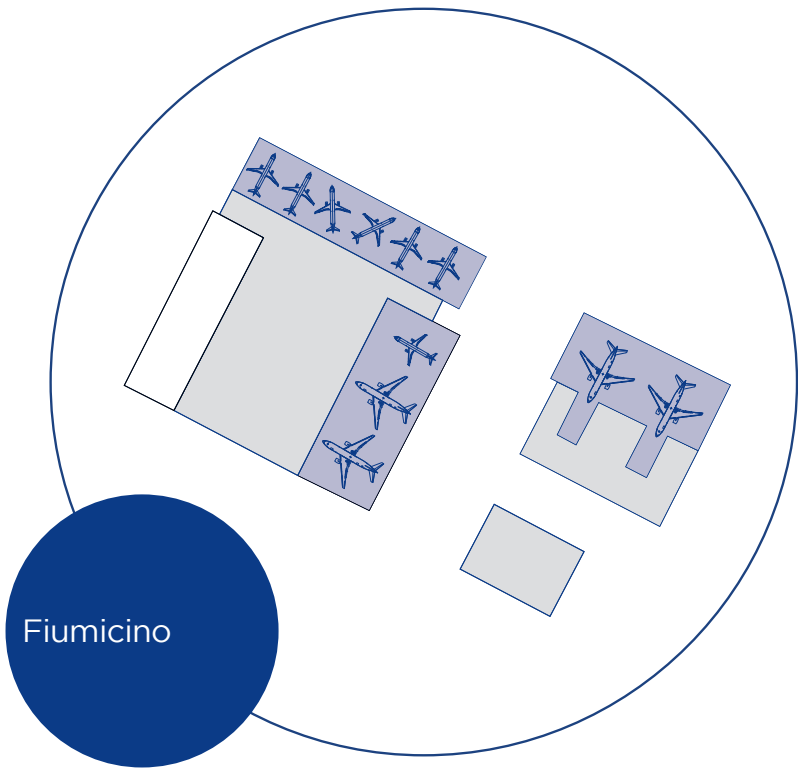
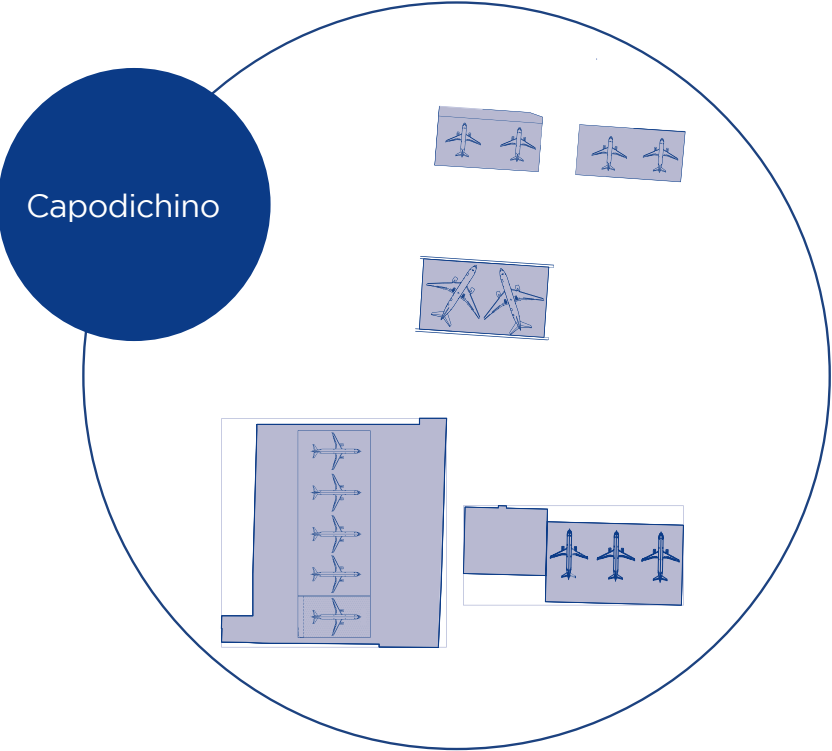
Napoli (Base & Line) • Fiumicino (Base & Line)  
• Milano Malpensa • Milano Linate • Alghero  
• Cagliari • Olbia • Torino • Genova • Verona •  
Venezia • Trieste • Bologna Firenze • Pisa • Bari •  
Brindisi • Lamezia Terme • Reggio Calabria  
Palermo • Catania

TOTAL SURFACE  
200.000 sqm  
HANGAR 1  
8.000 sqm  
HANGAR 2  
13.000 sqm  
HANGAR 4  
6.000 sqm  
HANGAR 12  
6.000 sqm  
HANGAR 15  
9.000 sqm  
WORKSHOP  
5.000 sqm  
OFFICES BUILDING  
2.500 sqm  
NORTH DEDICATED ENGINE RUN APRON  
7.000 sqm  
SOUTH DEDICATED ENGINE RUN APRON  
3.000 sqm  
PARKING & STORAGE AREA  
140.500 sqm

5 HANGAR  
2 WIDE BODY bays  
16 NARROW BODY bays

200.000 SQM

# Naples Facilities



# Rome Facilities

4 HANGAR  
5 WIDE BODY bays  
6 NARROW BODY bays

460.000 SQM


TOTAL SURFACE  
460.000 sqm  
HANGAR AVIO 1  
21.000 sqm  
HANGAR AVIO 3  
31.070 sqm  
HANGAR AVIO 4  
11.500 sqm  
HANGAR AVIO 5  
11.500 sqm  
WORKSHOP  
21.773 sqm  
OFFICES BUILDING  
7.000 sqm  
TECHNICAL PLANTS  
15.219 sqm  
APRON & PARKING AREA  
340.938 sqm




# Main Certifications




# Capabilities



A220  
A320 CEO / NEO  
A330 CEO / NEO  
A340, A350, A380




B737, MD80, MD90  
B747, B767, B777  
B787, MD11



CRJ700, CRJ900



ERJ145, ERJ 170  
ERJ 175, ERJ 190



ATR42, ATR72

# Other Certifications

Heavy Maintenance:

- CAACI (Cayman)
- DAAA (Italian Military fleet)
- 2REG
- NCAA (Nigerian)
- SHY 145 (Turkey)
- CAO - IRI (Iran)
- MCAA (Mongolian Auhority)
- EMAR-P-145 (Military Aircraft)
- ACAA (Albania)
- ANAC (Brazil)
- ANACIM (Senegal)
- CAAM (Malaysia)
- CAAT (Thailand)
- DGCA (India)
- DGCA (Kuwait)
- ECAA (Egypt)
- MOLIT (Korea)
- TCCA (Canada)
- CAAV (Vietnam)

Training, CAMO, DOA & components:

- EASA Part 147
- EASA CAMO (A320F, A330, B777, ERJ175/190)
- DOA Part 21J
- POA Part 21G
- Components: over 1900 P/N's included in Shop Capability List

Quality System:

- EN9110
- EN9100







Four hangars in Rome and five hangars in Naples can accommodate up to 22 narrow body aircraft and 7 wide body aircraft. Internal area hosts aircraft up to a B787 and B777-300. External areas offer wide parking areas for light checks and AOG maintenance activities.

Our hands-on expertise on a wide range of aircraft types allows us to support customers in all their needs, creating tailor-made solutions to improve aircraft readiness, thus increasing the profitability of operations.

Atitech offers to its customers best-in-class turn-around-times, competitive pricing and capability to process from daily checks up to 12 years checks on a wide range of aircraft types for long-haul, medium-haul, regional and turboprop. The customer support team is available 24/7 and can meet all customers' requests, thus building-up long-lasting relationships with all of them.

Our services for airframe maintenance include:

## Aircraft maintenance services

- Scheduled maintenance checks
- Major structural repairs
- Passenger to freight conversions
- Service bulletins and modification embodiments
- Cabin modifications/retrofits
- Connectivity embodiments
- Aircraft damage recovery services
- Engines and landing gears replacements
- Livery painting



MANUFACTURER	AIRCRAFT		ENGINE	AHO	BDS	BLQ	BRI	CAG	CDG	CMN	CTA	EZE	FCO	FLR	OLB	FRA	GOA	GRU	KIX	LIN	MUC	MXP	NAP	PMO	PSA	REG	SUF	SVO	TLV	TRN	TRS	TUN	VCE	VRN	
AIRBUS	A318		CFM56	✈		✈	✈	✈		✈	✈		✈	✈	✈		✈		✈	✈		✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	
	A319/A320/A321		CFM56	✈	✈	✈	✈	✈	✈	✈	✈		✈	✈	✈	✈	✈		✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	
			V2500		✈	✈	✈	✈	✈	✈	✈	✈		✈	✈	✈		✈		✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈		✈	✈	✈
	A320 NEO		CFM LEAP1A		✈	✈	✈	✈			✈		✈	✈	✈		✈			✈	✈	✈	✈	✈	✈				✈	✈			✈	✈	
			PW1110G			✈	✈				✈		✈	✈							✈		✈	✈	✈					✈			✈	✈	
	A220-100/300		PW1500G											✈				✈			✈			✈							✈				
	A330		GE CF6		✈			✈	✈	✈	✈			✈					✈	✈	✈		✈		✈	✈		✈		✈	✈		✈	✈	✈
			PW4000			✈									✈						✈			✈		✈					✈			✈	✈
			RR Trent 700							✈	✈				✈						✈			✈							✈			✈	✈
			RR Trent 7000												✈						✈			✈						✈			✈	✈	
	A330 Freighter		PW4000			✈								✈						✈			✈		✈										
			Trent 700							✈	✈				✈									✈											
	A340	200/300	CFM56											✈						✈			✈								✈			✈	
		500/600	RR Trent 500							✈	✈			✈									✈										✈		
A350		RR Trent XWB										✈	✈			✈		✈	✈			✈	✈						✈						
A380		GP7200						✈	✈				✈			✈			✈		✈	✈													
		RR Trent 900							✈				✈			✈				✈		✈	✈												
BOEING	B737	300/400/500	CFM56			✈	✈	✈	✈		✈		✈							✈		✈	✈	✈	✈	✈	✈	✈	✈	✈			✈	✈	
		600/700/800/900	NG CFM56			✈	✈	✈	✈		✈		✈								✈		✈	✈	✈	✈	✈	✈	✈	✈			✈	✈	
	B737 MAX	7 / 8 / 9	CFM LEAP 1B				✈				✈		✈																						
	B747	400	GE CF6										✈						✈			✈							✈						
			PW4000											✈						✈			✈						✈						
			RB211											✈						✈										✈					
	B747 Freighter	400	RB211										✈						✈																
	B747	8	GErx										✈									✈													
	B747 Freighter	8	GErx										✈									✈													
	B767	200/300/400	GE CF6										✈						✈	✈	✈	✈			✈				✈				✈		
		200/300	PW4000										✈						✈	✈	✈	✈			✈				✈				✈		
	B777	200/300	GE90			✈			✈	✈	✈	✈	✈				✈		✈	✈	✈	✈	✈	✈		✈			✈	✈	✈		✈	✈	
			PW4000											✈						✈			✈							✈					
			RR RB211 Trent							✈				✈				✈		✈			✈							✈			✈		
	B777 Freighter		GE90						✈	✈			✈				✈		✈		✈	✈							✈	✈			✈		
	B787	8 / 9	GErx							✈			✈				✈			✈		✈	✈							✈			✈	✈	
Trent 1000									✈				✈						✈		✈	✈							✈						
B787	-10	GErx											✈								✈			✈									✈		
MD80		PW JT8			✈	✈					✈		✈									✈	✈	✈	✈				✈			✈	✈		
BOMBARDIER	CRJ700		CF34										✈																					✈	
	CRJ900		CF34										✈																					✈	
EMBRAER	EMB145		RR AE 3007A										✈												✈									✈	
	ERJ170	Series	CF34		✈	✈	✈				✈		✈	✈	✈	✈	✈		✈	✈	✈	✈	✈	✈	✈	✈	✈			✈	✈	✈	✈	✈	
	ERJ190	Series	CF34		✈	✈	✈				✈		✈	✈	✈	✈	✈		✈	✈	✈	✈	✈	✈	✈	✈	✈	✈			✈	✈	✈	✈	
ATR	ATR42 - 200/300	Series	PW120			✈							✈							✈		✈													
	ATR72 - 100/200	Series	PW120			✈							✈							✈		✈													
	ATR72 - 100/200	Series	PW120								✈		✈							✈			✈	✈	✈					✈	✈		✈		

Atitech holds approvals from EASA, FAA, GCAA, CAAC and most of the major National Aviation Authorities to perform 24/7 line maintenance services and assists customers in Rome, Naples and in more than 30 strategic locations around the world.

# Line maintenance services

Our services include:

- Certification of Release to Service
- Line maintenance checks (daily, weekly/service, ETOPS, transit, night stop, scheduled and unscheduled works)
- Minor and major components replacements and servicing
- Engines, APU servicing and replacements (including borescope, vibration checks, power assurance checks, etc.)
- AOG recovery
- Minor composite and structural assessments and repairs
- Cabin maintenance, including seats, galleys, toilets and IFE
- Aircraft special inspections (bird strike, hard landing, volcanic ash exposure, etc.)
- Transit checks assistance without CRS issuance





The wide experience as engines repair station in Rome and long-term cooperation with all the major engines OEM's, such as GE, CFM, Pratt & Whitney, Rolls Royce, make Atitech a world-class player in engines repair management.

## Engine shop

Main activities performed on the engines include, but are not limited to:

- Build-up, QEC & LRU removal/installation on CFM56-5B, GE90 series, CF6-80E1, CF34-8E and CF34-10E engine models
- HPC boroblending, Top Case Repair and Turbine Rear Frame replacement on CFM56-5B engine models
- Splitting and mating of fan case module and propulsor on GE90 series engines
- Inspection/repair of lower bifurcation on GE90 series engines



Dedicated component shops can process a wide variety of components, with extensive test, repair and overhaul capability. The efforts for investing and enlarging the capability are continuous, as demonstrated by the recent acquisition of a brand-new autoclave supporting the composite shops.

# Component services

## MECHANICAL AND COMPOSITE SHOPS

- Overhaul and repair of A320 Family (CFM56) engine nacelles
- Overhaul and repair of A330 (CF6-80E1), E175 (CF34-8E5) and E190 (CF34-10E) inlet cowls
- Dedicated painting shop for finishing including markings and placards
- Structural repairs of wing leading edges and flight control surfaces
- Overhaul and repair of B777/Embraer crew seats
- Overhaul and servicing of portable and crew oxygen cylinders (certified DOT RIN D629)
- Structural composite repairs for radomes, wing leading edges, flight control surfaces, fairings and engine parts for A320 Family, A330, B777 and Embraer
- New autoclave for composites repair







## AVIONICS SHOP

- Dedicated area with 8 manual test benches and 4 automatic test equipment for discharge, recharge and test control modules of all main batteries' cells
- Inspection and test for avionics components
- Inspection and test for electrical parts (GCU, GAPCU, GPCU) - bench test AVTRON
- Emergency Power Supply Units
- Repair of external, logo, strobe lights
- Bench test for B777 Family ADF receiver, VHF COM transceiver, VOR marker receiver, ILS receiver
- Repair and rebuild of engine and landing gears wiring cables
- Reading of wireless QAR, CVR and SFDR
- Loading of boarding music and safety announcement
- Repair of angle of attack, pressure, fuel and temperature sensors
- Test bench for rotary and linear actuators
- Welding station with camera for micro components

## STRUCTURAL AND METAL SHEET SHOP

- Repair and structural replacement for A320 Family, A330, B737, B767, B777, E175 and E190 in Naples and Rome facilities and in outstations
- Local manufacturing and reworking of bushings, including Rib 5 for A320 Family and Rib 6 on A330
- Local manufacturing and reshaping of structural parts
- TIG welding and brazing on steel, titanium, magnesium and aluminum alloys

## WHEELS SHOP

- Over 3,500 tyres replacements and 500 overhauls per year for B777, A320 Family and Embraer aircraft models
- Dedicated pool service
- Capability extension to other aircraft models (B737, B767, etc.) in progress



Atitech shops are capable to perform a wide range of activities on galleys, toilets, sidewalls, monuments, IFE and plastic repairs as well as manufacturing of all internal and external aircraft placards and decals. Highly specialized technicians supported by the most advanced machinery and equipment guarantee world class cabin standards. Cabin shop can manufacture carpets in any percentage of mixture nylon-wool, with edge or not, without any limitation.

## Cabin services

The shop works on two shifts and is fully flexible to accept high urgency orders. Atitech is moreover granted a Part 21J approval by EASA.21J.219 to undertake cabin modifications and repairs: these capabilities are consistently helping to accomplish customers plan and deliver the highest levels of cabin standards to the passengers.







NDT department inspects aircraft, engines and components in Naples, Rome and outstations, with no limitation on aircraft and engine type.

## Non-destructive testing

All our inspectors are certified as Level II and III in accordance with international standards EN4179/NAS410 and can release EASA Form One and FAA Form 8130 for the following inspection methods:

- Magnetic Particles
- Fluorescent Penetrant
- Thermography
- Eddy current
- Ultrasonic
- X-ray



The laboratory can provide calibration of customer devices, as EASA Part 145 certified (Part.145.A.40(b)) for equipment, tooling and material:

- Pressure – Vacuum
- Force – Temperature
- Torque – Mass
- Dimension
- Flow
- Relative Humidity
- Hardness
- Electrical – Electronics

# Calibration laboratory

Moreover, the Laboratory offers the possibility to perform technological tests on aircraft parts and components, such as load tests, tensile tests, chemical analysis of fluid samples (fuel, hydraulic, anti-icing).







Atitech can provide tailored services for all customers in Design, Engineering and Continuing Airworthiness Management.

**DESIGN ORGANIZATION APPROVAL (REF. EASA.21J.219)**

Using the privileges granted from being a DOA organization, Atitech performs EASA approved Part 21J cabin modifications and minor modifications on avionics, systems, structures and engines. The DOA services are carried out in accordance with EASA regulations and are therefore valid for products and aircraft operated under EASA and in the countries where bilateral agreements exist between the non-EU Aviation Authority and EASA, with the relevant limitations.

## DOA, Engineering and CAMO services

Under the EASA Approval, Atitech DOA has the privilege to classify proposed design changes and repairs as either “major” or “minor”. For any change or repair classified as “minor”, Atitech DOA can provide direct approval. For changes or repairs classified as “major”, Atitech DOA will apply for a Supplemental Type Certificate (STC) from EASA. The Company can provide aircraft design solutions, compliant with the highest industry requirements, directly developing documentation with approved design data and design control to supply a complete design to delivery solutions and developing also Instructions for Continuing Airworthiness (ICA) to further support aircraft maintenance post design changes.

**ENGINEERING SUPPORT**

Atitech Engineering Department is available 24/7 for AOG support, offering repair solutions and troubleshooting support for line maintenance, base maintenance and workshops.



## CAMO SERVICES

The experience accrued on Continuing Airworthiness Management allows Atitech to offer full technical services on the following fleets:

- **Airbus A318, A319, A320, A321**
- **Airbus A330**
- **Boeing B777**
- **E170 series, E190 series**

Under Customer Quality System, in accordance with Appendix II to M.A. 250(h) (1), Atitech can also offer Continuing Airworthiness Management services on the following fleets:

- **ATR 42, ATR72**
- **Boeing MD80 Series**
- **Boeing B737**
- **Boeing B767**
- **Airbus A340**
- **Bombardier CRJ900**




















## CAMO SERVICES ARE:

- **Aircraft Maintenance Program:** development, control and revision
- **Aircraft Reliability Reports:** issuance for periodic reliability review meetings
- **Airworthiness Directives (AD's):** monitoring and review
- **Service Bulletins (SB's):** evaluation and monitoring
- **Engines, APU and propellers:** trend condition monitoring, shop visit work scope preparation and life limited parts back to birth traceability, control and management
- **Components:** status monitoring, removal planning and shop findings analysis
- **Dent & Buckle chart and structural repair:** damage assessment and repair certification
- **Short and Long Term Planning:** development, issuance and management of Work Packages
- **Aircraft Technical Records:** management and safe-keeping, including Aircraft Technical Logbooks
- **Aircraft Storage:** management of the preservation and monitoring of the storage program
- **Auditing:** support to customers during internal and/or external auditing activities
- **Airworthiness Review:** preparation of Airworthiness Review Certificates (ARC's) and recommendation report issuance
- Phase-in/phase-out assistance





Aircraft Type	AIRBUS A318/A319 A320/A321	AIRBUS A330	BOEING B737-300/ -400/-500	BOEING B767-200/ -300/-400	BOEING B767-200/- 300	BOEING B777-200/- 300	EMBRAER ERJ-170 Series ERJ-190 Series
Engine Type	CFM56-5B	GE CF6-80	CFM56-3C	GE CF6-80	GE CF6-80/ PW4000	GE90 Series	GE CF34
General Familiari- zation Lvl 1 Course for CAT. C							
AF/PP/EL/AV Lvl 3 Theoretical Course for CAT. B1.1 + B2							
AF/PP/EL/AV Practical Course for CAT. B1.1 + B2							
AF/PP/EL/AV Lvl 3 Theoretical Difference Course from A320 Family for CAT. B1.1 + B2							
AF/PP/EL/AV Practical Diffe- rence Course from A320 Family for CAT. B1.1 + B2							

Atitech is an EASA a fully certified Part 147 Maintenance Training Organization with a recognized experience both for Basic and Type courses. Moreover, the Company holds several training capabilities according to Part 145 organization needs.

# Technical training

## Part 147 BASIC TRAINING FOR CAT. B1.1

Full training and certification capability for all B1.1 modules:

- Mathematics – Module 1
- Physics – Module 2
- Electrical Fundamentals – Module 3
- Electronic Fundamentals – Module 4
- Digital Techniques E.I.S. – Module 5
- Materials & Hardware – Module 6
- Maintenance Practices – Module 7a
- Basic Aerodynamics – Module 8
- Human Factors – Module 9a
- Aviation Legislation – Module 10
- Turbine Aeroplane Aerodynamics. Structures and Systems – Module 11a
- Gas Turbine Engine – Module 15
- Propeller – Module 17a
- Engine Turboprop/shaft – Module 15l

## PART 145 TRAINING

Part 145 Ramp & Transit courses for CAT. A (A320 Family, A330, A340, B777, ERJ170/190, B737 CL and NG, ATR42/72)

Human Factor

Fuel Tank Safety

EWIS

Structural Repair Training for Airbus and Boeing fleets

Engine Run-Up for A319/A320/A321 CFM56, A330 CF6, B777 GE90, ERJ170/190 CF34

ETOPS Awareness and Procedures

Atitech can also provide tailor-made training courses and consultant services to meet Customers’ requirements. Our main value is the experience of our passionate instructors, who deliver high quality training activity and the most efficient teaching methods.





A modern and state-of-the-art painting bay, allows Atitech to satisfy all the customer needs in terms of sanding, stripping and painting, in compliance with the most stringent environmental regulations.

## Painting

We can also supply any kind and colour of paint, approved by aircraft OEMs.  
Customized exterior paint scheme & logo design service is available on customer request.  
New carriers liveries and logos are also developed in house tailored to customer's requirements.







# Passengers to freight conversion

Since the end of 2021, Atitech is converting B737-800 aircraft types from Passengers to Cargo for several airlines, working on STC developed by IAI, thanks to a Partnership Agreement signed between the two Companies. Up to the end of 2022 Atitech has already converted 2 airplanes, with full satisfaction of the Customers and with a high level of workmanship. Engineering Support is being also provided to develop and realize technical solutions for conversions.



# Base maintenance customers

Many Customers are taking advantage of long-term partnership Agreements, which grant lower prices and mutual benefits.

## Freighters



## Governments

## OEM's, MRO's & Lessors



## Airlines

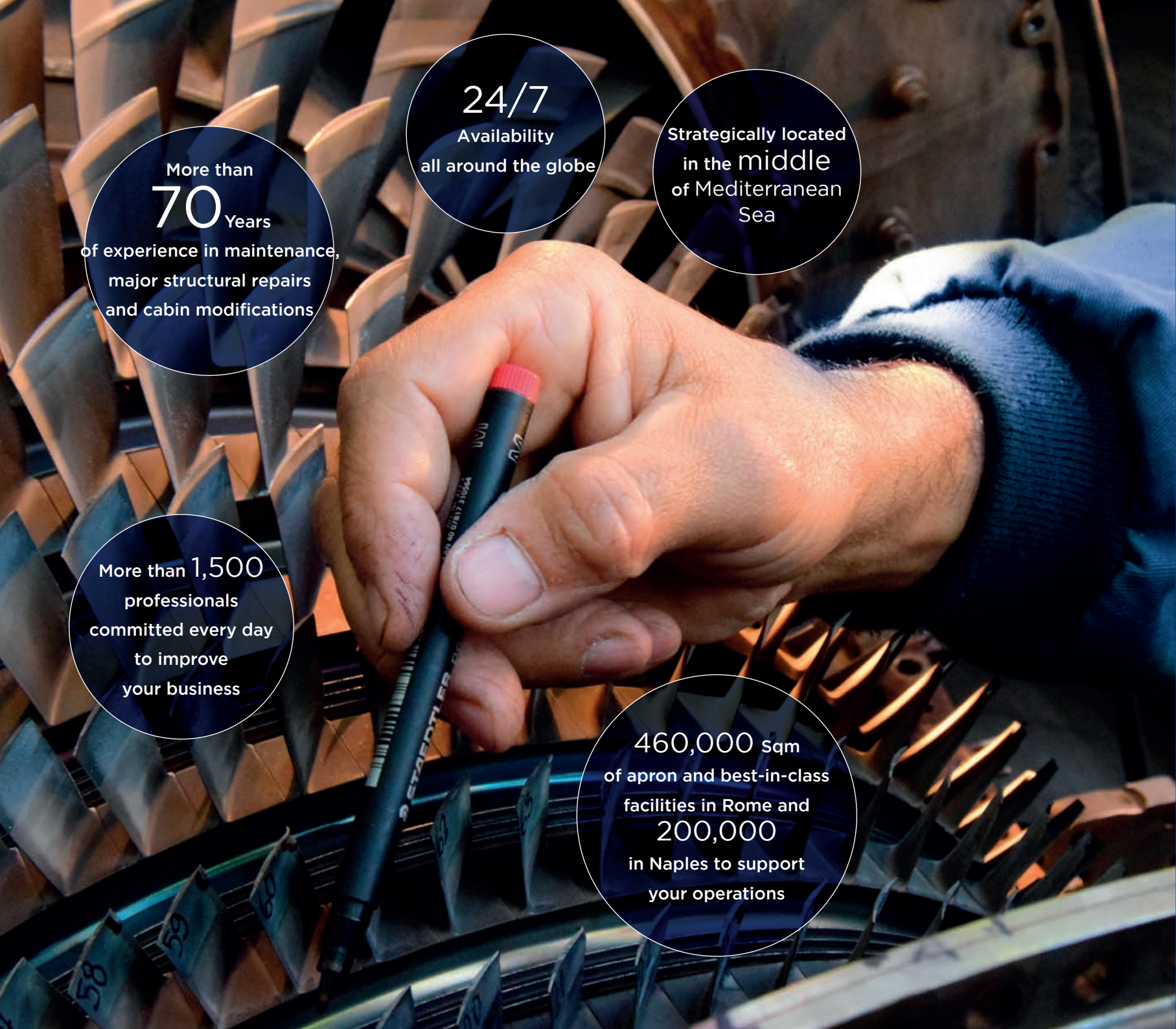




# Line maintenance customers







More than  
**70** Years  
of experience in maintenance,  
major structural repairs  
and cabin modifications

**24/7**  
Availability  
all around the globe

Strategically located  
in the middle  
of Mediterranean  
Sea

More than 1,500  
professionals  
committed every day  
to improve  
your business

**460,000** Sqm  
of apron and best-in-class  
facilities in Rome and  
**200,000**  
in Naples to support  
your operations



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