

# ATG PRESENTATION 2017

General company presentation



## Qualification & Certification

- Training
- Examination
- Certification



## Production & Equipment

- Eddy Current Testing
- Magnetic Particle Testing
- Penetrant Testing
- Ultrasonic Testing



## Testing & Inspection

- NDT Level 2
- Welding Inspection
- Plant Inspection
- Third Party Inspection



## Outside Agency Services

- Responsible Level 3
- Qualification
- Equipment and consumables
- Quality Management System
- NADCAP / TPG / EASA audit support

# MISSION AND VISION

## Mission

- Maximize operational safety of industrial products by top level quality of industrial inspections

## Vision

- Be a financially strong, technology company operating on the international scale in the area of industrial inspections, ensuring the quality of Customer's products by implementing a complete solution of advanced technologies, products and services, based on the latest technical trend and development

## Strategy

- Complete solution for NDT process
- Products and services as two inseparable parts of special processes
- Global approach and integrity with international standards
- Advanced technology through strategic partnerships

# INTRODUCTION OF ATG GROUP

## General description

- Privately-owned company
- Independent company
- Engineering company

## Product

- Complete solution for NDT special process

## Main areas of interest

- Europe (mainly Poland, Germany, Spain, France)
- All Russian speaking countries
- Turkey, Gulf area and North Africa
- East Asia

# BRIEF HISTORY

Year	Event
1992	Establishment of ATG Ltd. in Prague
1997	First MPI bench, FORM Čejč
1999	First UT manipulator for aerospace, AERO Vodochody Start of inspections on the containers for spent fuel (GNS)
2001	First combined MT-UT NDT system, KINEX
2002	Establishment of ATG Slovakia, the first subsidiary abroad
2003	Approval from the Czech NANDTB ASME/PED authorization of ATG inspectors (through HSB) ATG Ltd. is ISO 9001 certified
2006	Approval of EASA Part 145 Saudi Aramco approval of ATG inspectors
2007	MPI bench UNIMAG 5600 AC-AC testing of railway crankshafts, ŽOS Zvolen, Slovakia
2009	Approval for qualification acc. to UIC 960 by Railways of the Slovak Republic MPI bench UNIMAG 13 000 AC for testing of 13m long crankshafts for maritime industry, CELSA
2011	First ET wheeltester for aerospace MPI bench UNIMAG 1400 AC-AC Vector with central hole clamping for testing of railway wheels, BONATRANS
2013	Approval by Russian Civil Aviation Authority for EN4179 Approval by AWS for CWI and CRI courses and examination Automated FPI line with test rate 9000 pieces / 8 hours shift, STROJMETAL
2014	Approval by Russian NANDTB Inspection started for ADCO
2015	NADCAP accredited for FPI method
2016	NADCAP accreditation for MPI, UT methods First consulting service for implementation of TPG AC 7114, CKD KH
2017	MPI bench UNIMAG 14 000 AC for testing of 14m long crankshafts for maritime industry, KOBE STEEL

# STRUCTURE OF ATG GROUP

Company name	Share	Production	Services	Country
ATG Ltd.	100%	✓	✓	Czech Republic
LA Composite	100%	✓	✓	Czech Republic
ATG Inspekta	100%		✓	Czech Republic
ATG Slovakia	55%	✓	✓	Slovak Republic
ATG NDT Academy	55%		✓	Russian Federation
PK-Q	50%		✓	Czech Republic
ATG ONIKO	45%		✓	Ukraine
ATG CTS	24%		✓	United Arab Emirates

# STRUCTURE OF ATG PRAGUE

## Personnel

- Total number of employees – 127
- Number of internal NDT Level 3 – 23
- Outsourced NDT personnel
  - Daughter companies in the Czech Republic and abroad
  - Partner companies in the Czech Republic and abroad
  - Database of NDT freelancers

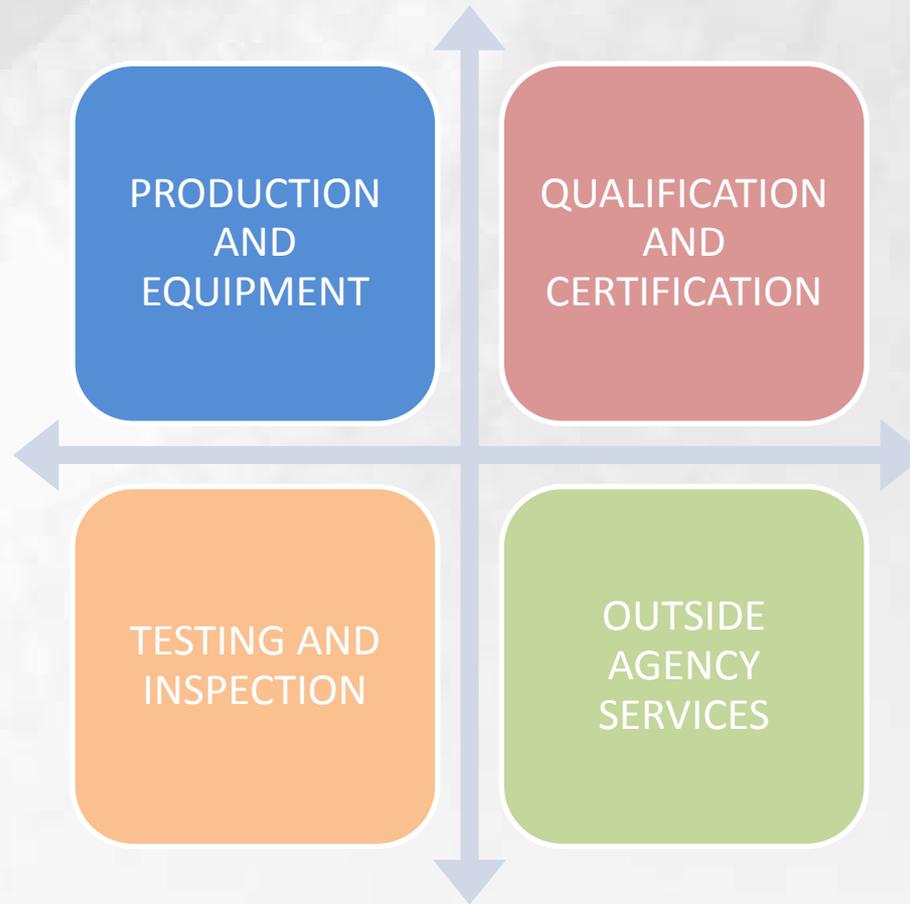
## Operating languages

- English
- Russian
- In limited range Slovak, German, Polish, Arabic

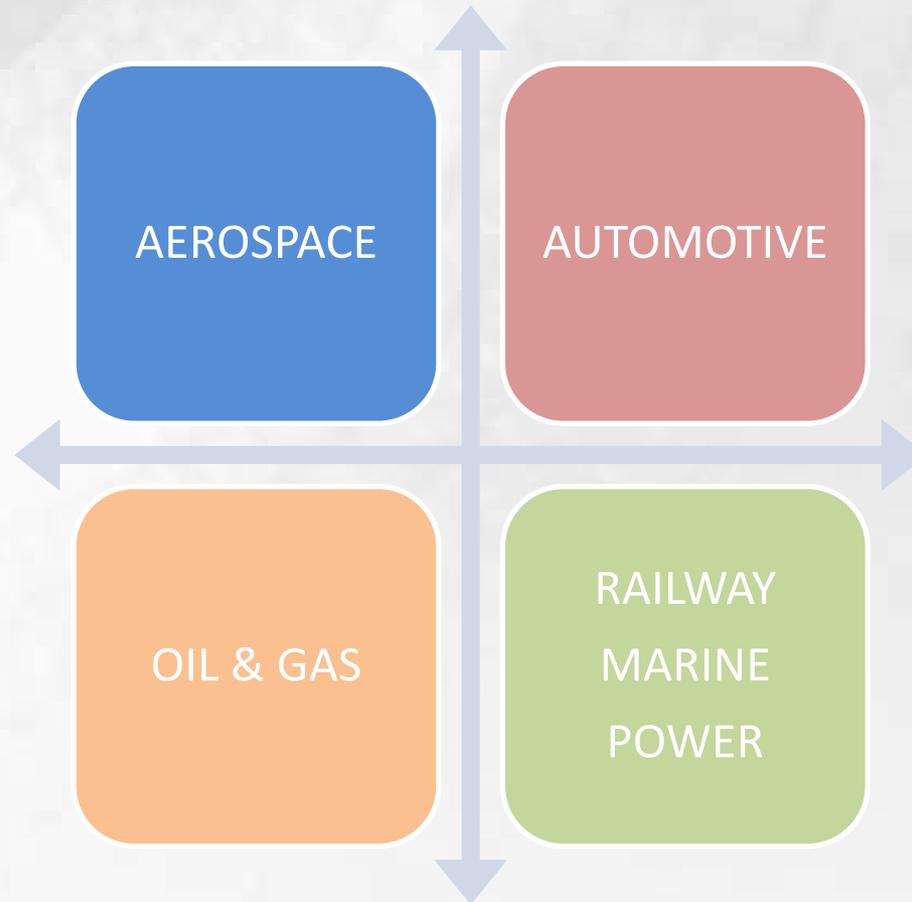
## Qualification

- Own qualification center for all relevant professions in NDT, welding, and inspection processes

# ATG GROUP PRODUCT PORTFOLIO



# COVERED INDUSTRIAL SECTORS



# COMPLETE SOLUTION FOR NDT

## Products and services provided

1. Responsible person (services of NDT Level 3)
2. Consultancy (services of NDT Level 3)
3. Personnel qualification and certification
4. Providing of NDT personnel (services of NDT Level 2)
5. NDT hardware and consumables (production and distribution)
6. NDT process QMS (Written Practice, Written Procedures, Instructions)
7. Support in approval processes (customer, NADCAP, TPG audits)
8. Interlaboratory proficiency testing (accredited acc. to ISO 17043)

# SPECIAL PROCESS HOUSE (SPH)

## Fluorescent Penetrant Inspection (FPI)

- system and FPI process accredited by NADCAP
- compliance with RRP 58003 (Rolls-Royce) and P3TF2 (GE Aviation)
- FPI line designed for aero-engine parts testing
- Max. dimensions: 1900 x 1400 x 2000 mm, max. weight: 250 kg
- The FPI hardware includes cleaning / alkaline degreasing
- NDT Level III for FPI approved by RR
- Operated by NDT Level 2 according to EN 4179/NAS 410

## NADCAP accreditation of other methods :

- Ultrasonic Testing (UT)
- Magnetic Particle Inspection (MPI)

## Other approvals

- In 2015, ATG's NDT Process was approved by SNECMA
- Approved by GE Aviation's technical specifications
- P3TF2 and P3TF47



# IMPORTANT APPROVALS FOR AEROSPACE

## General

- EASA PART 145 D1
- EN 4179 NDT personnel qualification by Czech NANDTB

## Special Process House

- NADCAP for FPI process
- NADCAP for MPI process
- NADCAP for UT process
- SNECMA approval for FPI process
- Rolls Royce approval for FPI process
- GE Aviation approval for FPI process



## EXAMPLE REFERENCES – PRODUCTION FOR AEROSPACE

Method	Customer	Country	End User
ET	S7 Engineering	Russian Federation	S7 Airlines
	TPAerospace Quickborn	Germany	Various small aircraft carriers
FPI	ELBIT Bacau	Romania	Rolls Royce
	Honeywell Marianske Udoli	Czech Republic	Honeywell
	Latecoere	Czech Republic	Airbus, Boeing
	UMPO UFA	Russian Federation	Pratt&Whitney
	Electrostal	Russian Federation	Various Russian Engines manufacturers
	SMK Stupino	Russian Federation	Various Russian Engines manufacturers
	VSMPO Vierchnaja Salda	Russian Federation	Airbus, Boeing, RR, Bombardier....
FPI+MPI	AERO Vodochody	Czech Republic	Alenia, Sikorski
	WSK Rzeszow	Poland	Pratt&Whitney
	KINEX Bytča	Slovak Republic	Honeywell
	Iraqi Airlines	Iraq	Iraqi Airlines
MPI	Aircraft Maintenance Malešice	Czech Republic	Czech Air Force
	Jihlavan	Czech Republic	Pratt&Whitney
	AXL Semily	Czech Republic	Messier Bugatti Dowty
UT	PCC Pilsen	Czech Republic	Rolls Royce, SNECMA, GE, MTU
	Constellium Decin	Czech Republic	Whole automotive and aerospace industry

## EXAMPLE REFERENCES – OTHER PRODUCTION

Application	Customer	Country	End User
MPI	ŽOS Zvolen	Slovak Republic	Slovak Railways
	NED Train	Holland	Deutsche Bahn
	Škoda Transportation	Czech Republic	Czech Railways
	Bombardier Česká Lípa	Czech Republic	Deutsche Bahn
	RENFE	Spain	Spanish Railways
	PARS Nova	Czech Republic	Czech Railways
	Ural Wagon Zavod	Russian Federation	Russian Railways JSC
	CELSA	Poland	MANN
	KOBE Steel	Japan	MANN
	Volkswagen Martin	Slovak Republic	Volkswagen
Pankl	Slovak Republic	Whole automotive	
FPI	Strojmetal Kamenice	Czech Republic	AUDI, Mercedes
	Solar Turbines	Czech Republic	
	Benteler	Czech Republic	Whole automotive
UT	Bonatrans	Czech Republic	Deutsche Bahn
	MILTON	Czech Republic	Slovak Railways
UT+ET	Constellium	Czech Republic	Whole automotive
MPI+UT	KINEX Bytča	Slovak Republic	Deutsche Bahn

## EXAMPLE REFERENCES – SERVICES FOR AEROSPACE

Service	Type	Customer	Country	End user
Qualification	NDT	AERO Vodochody	Czech Republic	Alenia, Sikorski
		Latecoere	Czech Republic	Airbus, Boeing
		PCC Pilsen	Czech Republic	Rolls Royce, MTU, GE, SNECMA
		Korean Airlines	South Korea	Airbus
		Franklin Aircraft Engines	Poland	Cessna
		Algerian Air Force	Algeria	Algerian Air Force
		Aeroflot	Russian Federation	Aeroflot
		S7 Engineering	Russian Federation	S7 Airlines
Services NDT Level 3	PRI NADCAP support	Jihlavan	Czech Republic	Pratt&Whitney
		AERO Vodochody	Czech Republic	Alenia, Sikorski
		SEKO Aerospace	Czech Republic	Honeywell
		Latecoere	Czech Republic	Airbus, Boeing
		GE Aircraft Engines	Czech Republic	Airbus, Boeing
		Aviaagregat Samara	Russian Federation	Tupolev, Kamov, Sukhoi
		Aerokompozit	Russian Federation	Tupolev, Sukhoi, Iljushin

## EXAMPLE REFERENCES - SERVICES FOR POWER INDUSTRY

Delivery	Area of application	Customer	Country	Specification
INSPECTION	Production	Škoda Nuclear Machinery	Czech Republic	Containers for spent fuel
		GNS	Germany	Containers for spent fuel
		Czech Powerplants	Czech Republic	Erection of powerplant Ledvice
		Sandvik Chomutov	Czech Republic	Production of umbilical tubes
	HSE	Czech Powerplants	Czech Republic	Erection of powerplant Ledvice
	Erection	RWE	Germany	Inspection of Gazelle pipeline
		Alsthom	Germany	QA/QC services
	Maintenance/supervision	Czech Powerplants	Czech Republic	Supervision of NDT process
QUALIFICATION	NDT / Welding Inspection	Škoda Nuclear Machinery	Czech Republic	Whole NDT
		MSU 90	Russian Federation	Whole NDT
		Polock Met. Zavod	Russian Federation	Qualification for ASME
		TUV Nord	Czech Republic	Whole NDT
		TUV Sud	Czech Republic	Whole NDT
		SGS	Germany	Whole NDT
		Force	Denmark	Leak Testing
		Czech Powerplants	Czech Republic	Whole NDT and Welding Inspection

# CONTACT INFORMATION

Products for NDT  
Training courses  
Outside agency  
NDT testing  
Inspections

## ATG WORLDWIDE

ATG is available now in many countries. Choose your nearest:

- Canada (English)
- Russia (Russian)
- UAE - United Arab Emirates (English)
- Czech Republic (Czech)
- Slovak Republic (Slovak)
- Ukraine (Russian)
- Egypt (Arabic)
- Turkey (Turkish)

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Your NDT method

- PT Penetrant Testing
- MT Magnetic Particle Testing
- UT Ultrasonic Testing
- ET Eddy Current Testing
- RT Radiographic Testing
- VT Visual Testing
- LT Leakage Testing
- IRT Infrared Testing
- Proficiency testing acc. to EN ISO/IEC 17043

Products for NDT

Training courses

NDT testing

Outside Agency services

Inspection activities

About us

Contacts

### Current news

Sp-Arc – scanner for ultrasonic pipe testing  
08.03.2018  
The Phoenix ISL introduced new scanner for measuring wall thickness of ferritic pipes with diameters in range 1" to 4". One longitudinal scan can cover 120° of 1" 2" pipe with curved PA probes.  
[open the document / more news](#)

### Who we are and what we offer

We offer complex services in NDT = nondestructive testing, which contain every standard method of testing: PT, MT, UT, ET, RT, VT, LT.

### Main activities

- NDT training, qualification and certification of NDT workers Level I, II and III
- Development and production of devices and equipment for NDT testing
- Outside agency services - outsourcing of your company NDT systems
- NDT inspections for all industries
- Inspection activities in industry - independent assessment of conformity, safety and quality

### Approvals and recommendation

- we own approvals of many significant producers in aerospace, automotive and petrochemical industry, ...
- we are reputable training center of many associations in whole Europe

### Our employees

- are reputable professionals with longtime experience
- have experience from hundreds of projects around the world
- more than 10 ATG employees are qualified in NDT Level III

### Training courses

We offers training courses in English and Russian language as well.  
[Further information](#)

### Newsletter

Register here:  
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### Quick links

- ATG presentation 2013 [1,02 MB]
- NDT products catalogue [5,51 MB]
- ATG for EASA Part 145 [4 MB]
- INFO Brochure 2018 [4,12 MB]
- Products for NDT
- References
- Automotive and aerospace industry
- Petrochemical industry
- Searching for new distributors

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