

mfs

gas turbine maintenance
service and site management

| taking care of power



“The one-stop-shop”

Content

- MFS Background
- Business activities
- Projects

Mechanical Field Support BV (MFS)

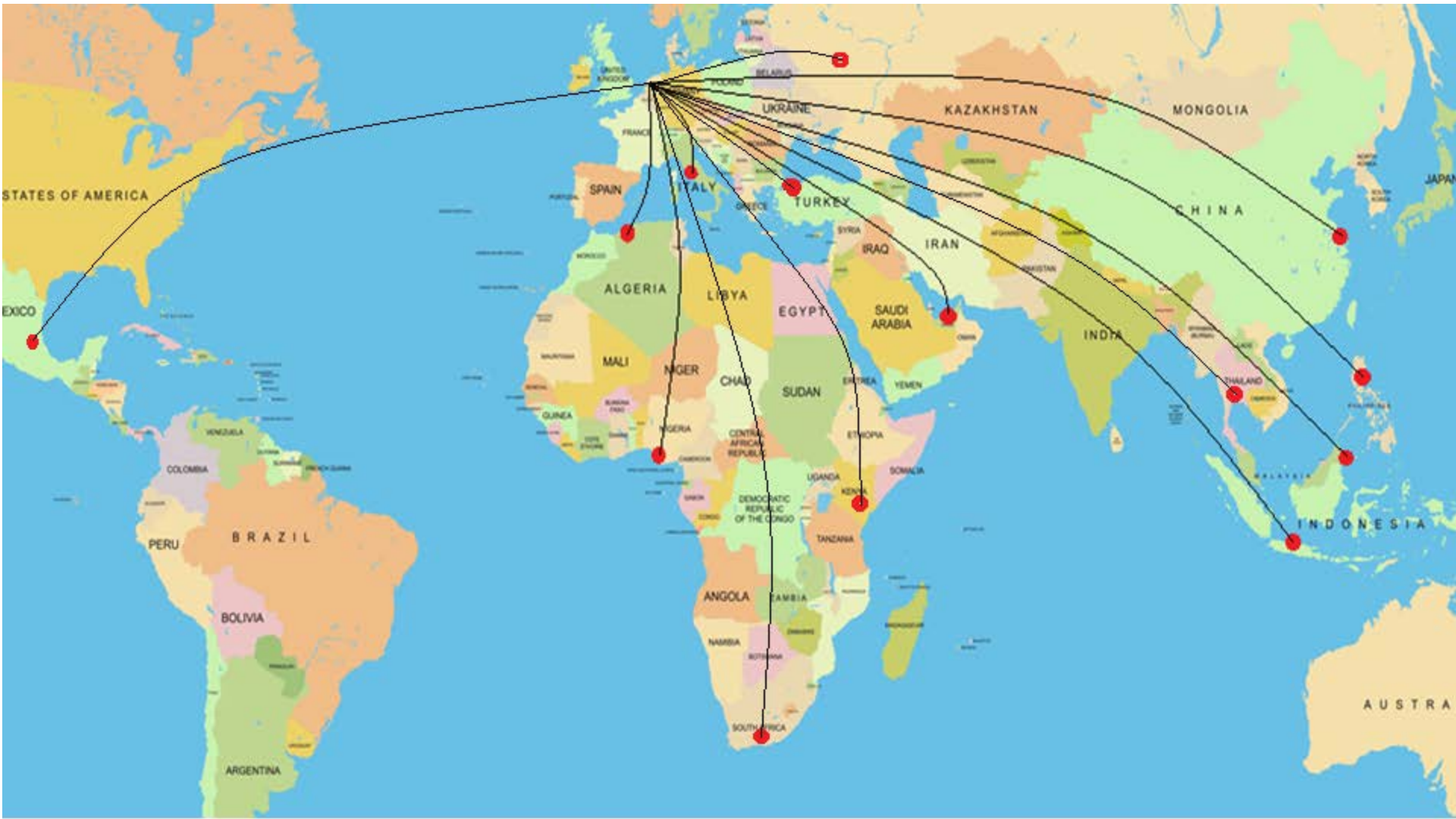
➤ *Established in 2001*

➤ *Team:*

- *Team Europe* - **18**
- *Team Malaysia* - **18**
- *Team China* - **6**



MFS representative offices



**Field
Service**

Engineering

Shop

Sales

Parts

Logistics

Projects

Field Service

GE Heavy Duty / Frame

- Frame 3
 - 3002H / J
- Frame 5
 - 5001L / LA / R / RA / N / P / PA
 - 5002B / C
- Frame 6
 - B / FA
- Frame 7
 - B / E / EA
- Frame 9
 - B / E / EA / FA

GE Aero derivative / LM

- LM1600
 - SAC / DLE
- LM2500
 - SAC / + / +DLE / + G4
- LM5000
- LM6000
 - PA / PB / PC / PD / PF / PH

* Not limited to: Hitachi, Nuovo Pignone, Pratt and Whitney

Field Services

- Technical Advising
- Site relocation
- Training (on-site)
- Trouble shooting
- Borescope inspections
- CI / HGPI / MO

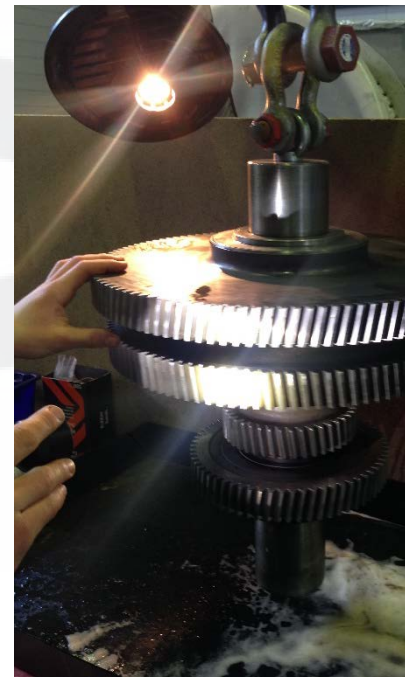
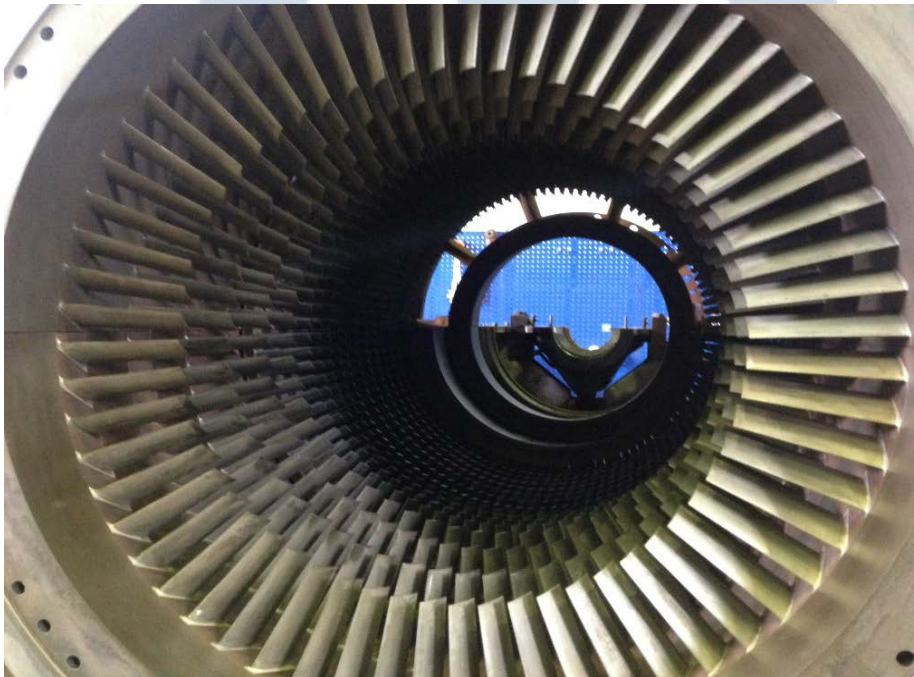
- Alignment (laser)
- Balancing
- Modification
- Calibrations
- Monitoring (online)
- Controls – full service

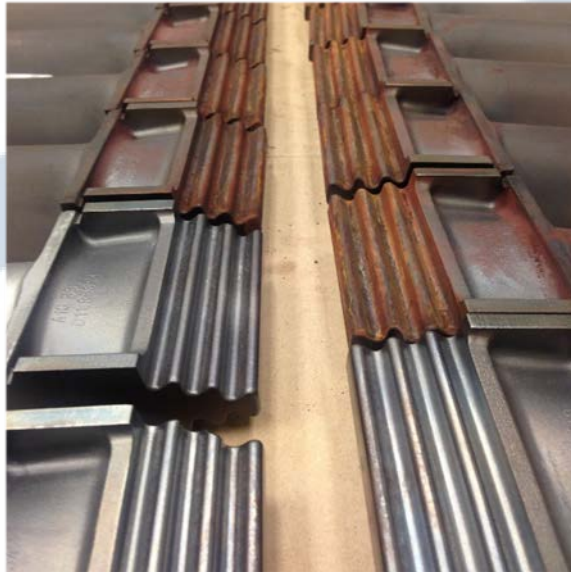
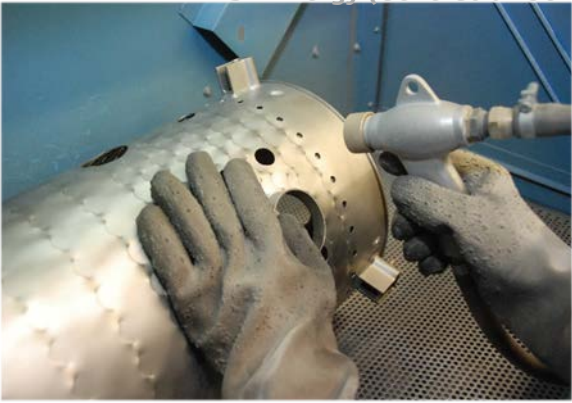
* Not limited to the services above, these are just examples

Shop activities

- Engine overhaul and repair
- Auxiliary overhaul and repair
- Rotor overhaul and balancing
 - 20 kg – 350 kg
 - 100 kg – 12.000 kg
- Maintenance
- Parts repair
- Machining

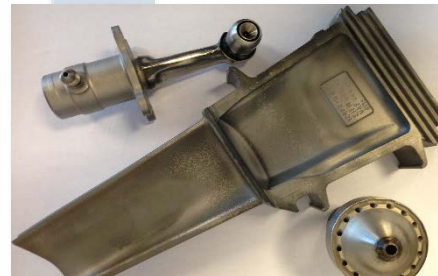






Parts

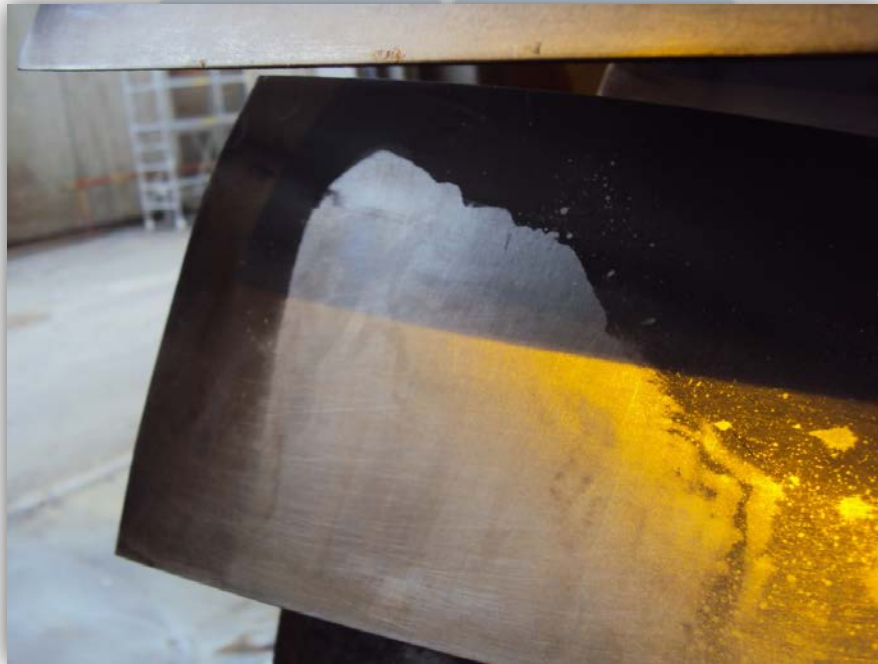
- New and overhauled parts
- Tooling
- Rotable parts
- OEM parts
- After market parts (reverse engineering)
- MFS Dealerships
 - Ametek thermocouples
 - AFT, Smooth seal compressor coating
- \$ 14.000.000 stock available in 2 days
- Permanent stock of critical parts
- 24/7 availability for urgent calls
 - Speed delivery's



Dealerships

ANTI FOULING TREATMENT (AFT)

Cost effective way to improve operating efficiency

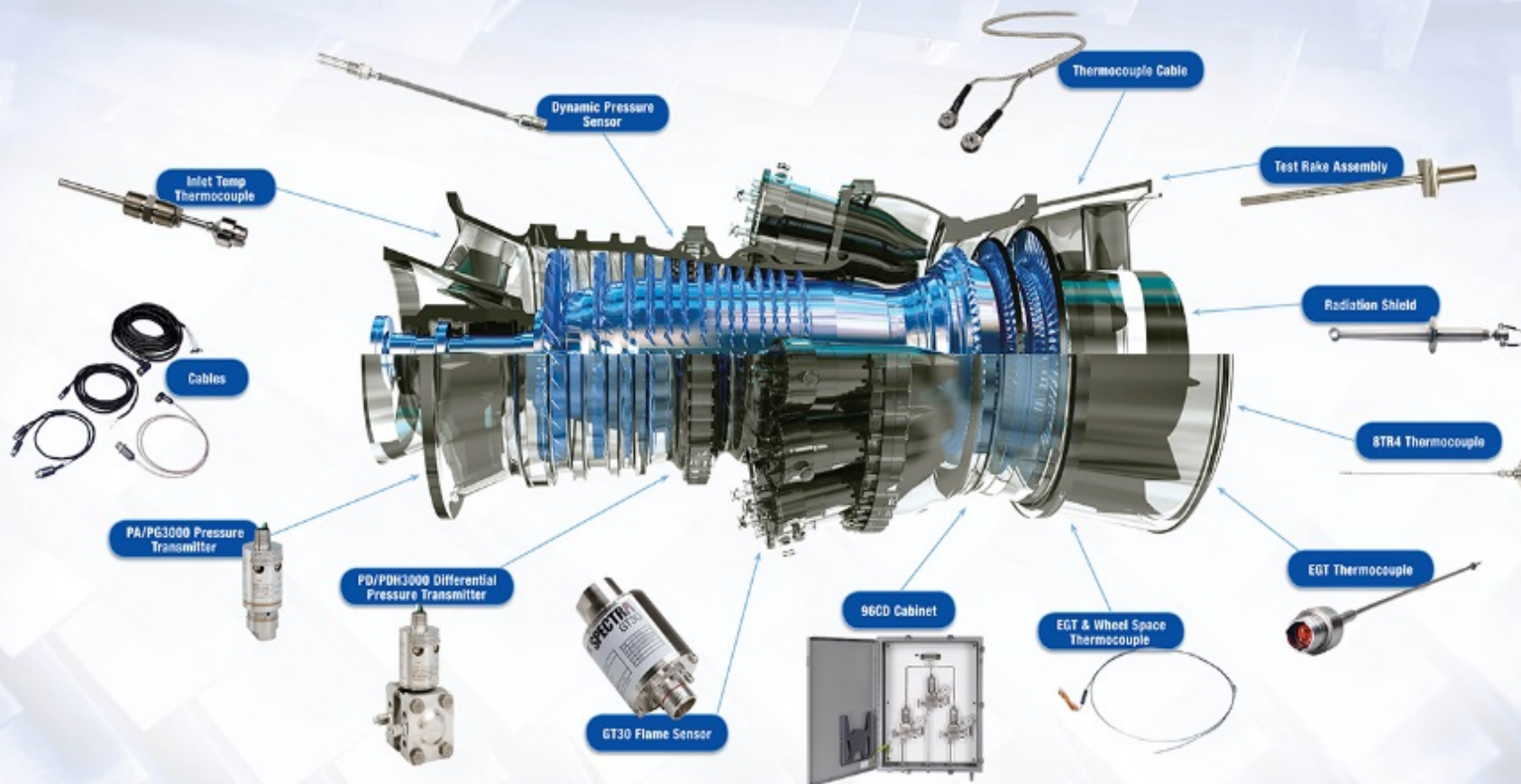


Coating on compressor
blades:

- Increase of efficiency
- During MO
- 24h drying time

OEM QUALIFIED TURBINE PARTS

AMETEK[®]
POWER INSTRUMENTS



MFS tooling

- MFS Tooling containers
- MFS mobile office
- Hi torque
- Borescope equipment
- Laser alignment
- Calibration equipment



MFS key advantages

- Flexibility
- Competitive pricing
- Short lead times on spare parts
- Quick response for urgent support
- High level of engineers
- Finding solutions for **you**

mfs