Mobile Stations for Periodical Technical Inspection (PTI)
Innovation at the core of all our projects.
15% of annual turnover invested in R&D

500 engineers into development departments

Specialist in Power Management, Telematics, Tachographs, Video Surveillance, Instrumentation, Electronic Board, Management Fleet, Electronic Diagnostics
ACTIA MULLER

A subsidiary of Actia group

2012 turnover : € 30 million

150 employees

A worldwide network of 34 distributors

- 35,000 Customers & Partners
- 400 test lanes in Asia
- 180 test lanes in South America
- 6,000 test lanes in Europe
- 350 test lanes in Africa
- 130 mobile stations
WHY MOBILE STATION FOR PTI (Periodical Technical Inspection)?

The key point for customer satisfaction and social acceptance of vehicle inspection is to take into account the spread out of the population on a territory.

Archipelago  Desert  Huge size countries
ACTIA MULLER Mobile Motor Vehicle Inspection Station Range

Light Mobile Unit

73 Mobile units delivered to TUV TURK
TURKEY PROJECT

73 mobile stations
WHY MOBILE STATION FOR PTI (Periodical Technical Inspection)?

- Avoid congestion due to a peak of activity and/or breakdown on a lane

- To determine the best place for a fixed lane
WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

Mobile station is a key hand solution which should be an alternative to hard conditions for:

- Building
- Construction
- Erosion of the grounds
- Material Survey
- Sub – contractors Survey
- Budget control & deadlines

www.actia.com
WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

Suitable for road safety campaign, road enforcement & control of existing lanes
WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

Inter connectivity & Real-time Management

- From a central database, you can have access to car information: VIN, plate number, first date registration, brand, type….
- Inspector: Name, time of starting and ending of the test; only his manager can give authorization to retest the car
- Report: Automatically printed => Limit falsifications
- Statistics: all the inspections are saved with all the information regarding results of inspection => Updated car park situation

=> Insurance? Fines?
Key Points of Mobile Vehicle Inspection Stations

WHAT A FIXED LANE DOES, A MOBILE STATION DOES

Above and under carriage inspection

Emissions

Head Light tester

Sound Meter
Key Points of Mobile Vehicle Inspection Stations

WHAT A STATIONARY LANE DOES, A MOBILE STATION DOES

Side slip

Suspension

Brakes

Speedometer
Mobile Motor Vehicle Inspection Station, a customized and turn to key solution

Energy: Generator and air compressor should be place outside for maintenance or inside the technical room
(Standard delivery or Local purchase)

Complete electrical installation provided according local standards
Mobile Motor Vehicle Inspection Station, a customized and turn to key solution

- Fully automated
- Start up between 15 and 25 minutes regarding model
- One operator can start up any mobile model
WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

The success of PTI depends on 7 factors

- Road safety campaigns
- Driving schools
- National coverage
- Stationary centers equipped with the state of Art Equipment
- Inter connectivity & real time management
- Road Enforcement
- And a little bit of civism
Total weight < 5 Tons : could be trailed by any 4 x 4 or light commercial vehicle.
Medium Size Mobile Unit

Medium size unit can be only used for passenger cars & light commercial or only for trucks,
Or for both as a mixed LV – LCV – HGV Mobile inspection unit
Large Size Mobile Unit

First mobile unit for Saudi Arabia (July 2010)
Large Size Mobile Unit

First mobile unit for Saudi Arabia (July 2010)
## SOME ACHIEVEMENTS & REFERENCES

<table>
<thead>
<tr>
<th>COUNTRIES</th>
<th>TRAILER MODEL</th>
<th>INSPECTION STAGES</th>
<th>PHOTOS</th>
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<tbody>
<tr>
<td>CUBA</td>
<td>SIMPLE RAMP FICAV</td>
<td>BRAKES SIDE SLIP SUSPENSION AXLE PLAY DETECTORS</td>
<td>![Cuba Photos]</td>
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<tr>
<td>GREECE</td>
<td>DOUBLE RAMP + SCISSOR LIFT FOR VISUAL INSPECTION</td>
<td>BRAKES SIDE SLIP SUSPENSION AXLE PLAY DETECTORS</td>
<td>![Greece Photos]</td>
</tr>
<tr>
<td>MALAISYA</td>
<td>DOUBLE RAMP</td>
<td>BRAKES SIDE SLIP AXLE PLAY DETECTORS</td>
<td>![Malaysia Photos]</td>
</tr>
<tr>
<td>MALAISYA</td>
<td>DOUBLE RAMP</td>
<td>Mix LV &amp; H.G.V BRAKES LV SUSPENSION LV SPEEDOMETER SIDE SLIP AXLE PLAY DETECTORS EMISSION TESTER HEAD LIGHT</td>
<td>![Malaysia Photos]</td>
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### SOME ACHIEVEMENTS & REFERENCES

<table>
<thead>
<tr>
<th>Country</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALGERIA</td>
<td>2 units</td>
<td>Mix LV &amp; H.G.V BRAKES, LV SUSPENSION, LV SIDE SLIP, AXLE PLAY DETECTORS, EMISSION TESTER, HEAD LIGHT</td>
</tr>
<tr>
<td>ALGERIA</td>
<td>1 unit</td>
<td>DOUBLE RAMP + SCISSOR LIFT FOR VISUAL INSPECTION, Mix LV &amp; H.G.V BRAKES, LV SUSPENSION, LV SIDE SLIP, AXLE PLAY DETECTORS, EMISSION TESTER, HEAD LIGHT</td>
</tr>
<tr>
<td>MOROCCO</td>
<td>3 units</td>
<td>ROAD DIRECTION, Mix LV &amp; H.G.V BRAKES, LV SUSPENSION, LV SIDE SLIP, AXLE PLAY DETECTORS, EMISSION TESTER, HEAD LIGHT</td>
</tr>
<tr>
<td>TURKEY</td>
<td>73 units</td>
<td>SINGLE RAMP, LV BRAKES, AXLE PLAY DETECTORS, EMISSION TESTER, HEAD LIGHT</td>
</tr>
<tr>
<td>PORTUGAL</td>
<td>2 units</td>
<td>1 mobile station SINGLE RAMP, BRAKES, SUSPENSION, SIDE SLIP, AXLE PLAY DETECTORS</td>
</tr>
</tbody>
</table>
## SOME ACHIEVEMENTS & REFERENCES

<table>
<thead>
<tr>
<th>Country</th>
<th>Units</th>
<th>Station Type</th>
<th>Key Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>1</td>
<td>Mobile Station</td>
<td>Double Ramp, Brakes, Suspension, Side Slip, Axle Play, Detectors</td>
</tr>
<tr>
<td>Austria</td>
<td>2</td>
<td>Mobile Station</td>
<td>Double Ramp, Brakes, Side Slip</td>
</tr>
<tr>
<td>Russia</td>
<td>1</td>
<td>Mobile Station</td>
<td>Simple Ramp, Brakes, Suspension, Axle Play, Detectors</td>
</tr>
<tr>
<td>Uruguay</td>
<td>2</td>
<td></td>
<td>Midle of Trailer: HG, Lane + LV, Lanes Beside the Trailer, 2x Brakes, 1x Suspension, Axle Play, Detectors, Speedometer</td>
</tr>
<tr>
<td>Gabon</td>
<td>1</td>
<td>Mobile Station</td>
<td>Single Ramp, Brakes, Suspension, Axle Play, Detectors, Emission Tester</td>
</tr>
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<th>Units</th>
<th>Equipment</th>
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<tr>
<td>Russia</td>
<td>1 unit</td>
<td>1 mobile station</td>
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<tr>
<td></td>
<td></td>
<td>SINGLE RAMP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BRAKES SIDE SLIP EMISSION TESTER</td>
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<tr>
<td>Saudi Arabia</td>
<td>1 unit</td>
<td>1 mobile station</td>
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<tr>
<td></td>
<td></td>
<td>SINGLE RAMP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SUSPENSION BRAKES 18T SIDE SLIP LIGHT TESTER LV SCISSOR LIFT EMISSION TESTER LIVE BASE 3 PERSONS</td>
</tr>
<tr>
<td>Botswana</td>
<td>2 units</td>
<td>Container</td>
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<tr>
<td></td>
<td></td>
<td>SINGLE RAMP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SUSPENSION BRAKES SIDE SLIP LIGHT TESTER EMISSION TESTER</td>
</tr>
<tr>
<td>Congo</td>
<td>4 units</td>
<td>Ampli roll</td>
</tr>
<tr>
<td></td>
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<td>SINGLE RAMP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SUSPENSION BRAKES SIDE SLIP LIGHT TESTER EMISSION TESTER</td>
</tr>
<tr>
<td>U.A.E.</td>
<td>1 unit</td>
<td>SINGLE RAMP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LV BRAKES AXLE PLAY DETECTORS EMISSION HEAD LIGHT</td>
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</table>
Equipment for Vehicle Inspection and Safety Provider:

Jean-Christophe HAMARD
Export Area Manager
Actia Muller
5 rue de la Taye - 28110 Lucé
Tel : +33 (0) 2 37 33 35 86
Mail : jean-christophe.hamard@actiamuller.com