



**BRÀVO**

**AUTOMOTIVE • AEROSPACE**  
**TECHNOLOGY**

# THE PROJECT

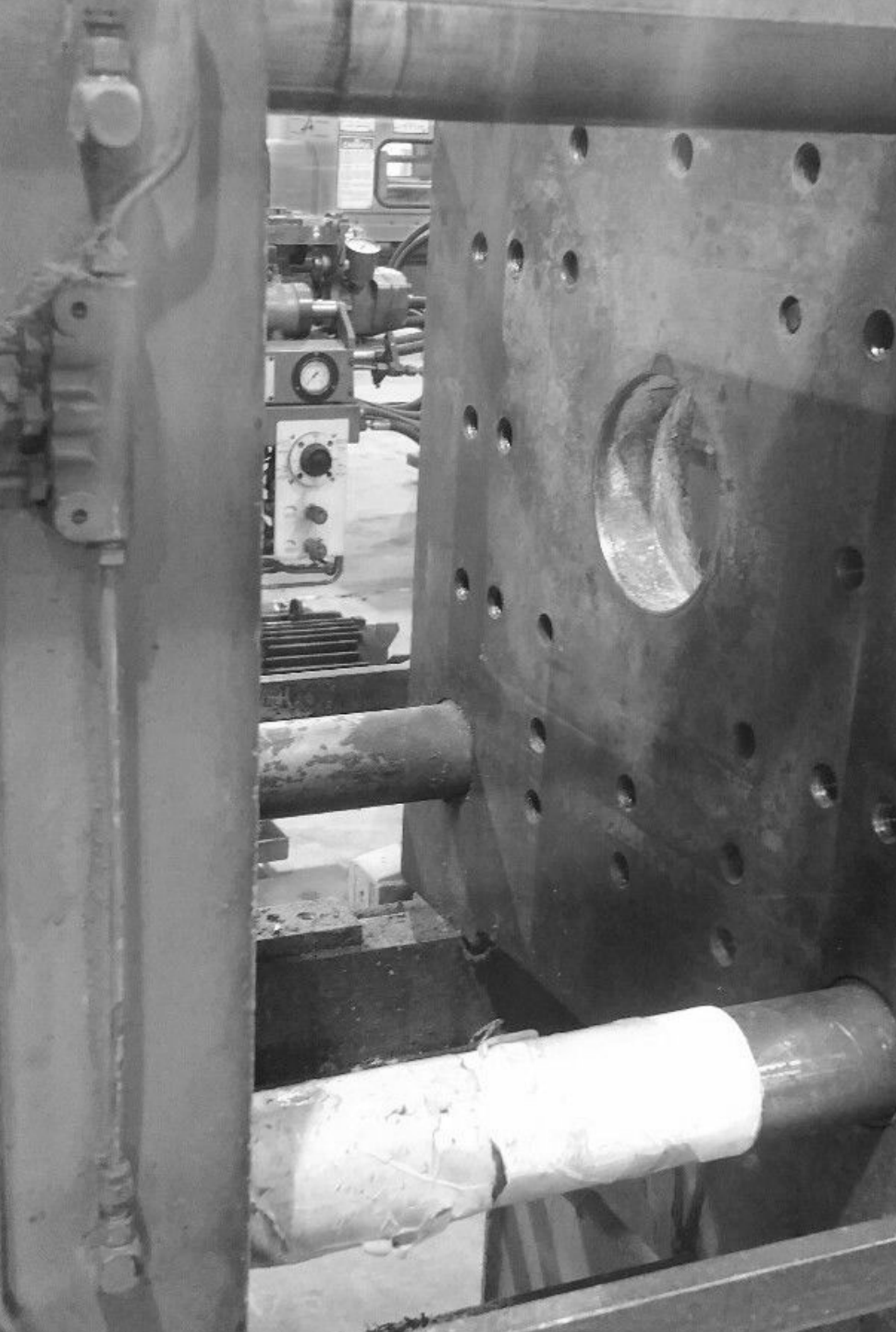
- We are focused on foreign companies.
- We offer specialized services to companies from all over the world.
- We also meet all your business needs in order for you to be successful in Mexico.
- We provide innovative and value-added services (Edge to Edge)
- We guarantee security and peace of mind to your company.
- We believe in trust and long-term relationships.





# THE BACKGROUND

- Successful foreign investment attraction from USA, Germany and Czech Republic.
- Through command of automation and quality processes such as IATF 16949 and ISO 9000 in Mexico and Brazil.
- Logistics, security and feasibility studies.
- Marketing strategies and public relations management.
- Augmented reality and innovation on Industrial, Automotive & Aerospace



# Plastic Injection

- We have 2 Plastic injection machines : 60 & 220 tons
- We can work with:  
ABS, polyamide, ABS + PC, POM, PVC, composites.  
Polypropylene, polyethylene with fillers, Polystyrene, etc ..
- Currently some of our molded parts go to a second process:  
Chrome, metallic, painting, stamping, parts for security and others special requirements.

# Mold Making & CNC Machined

- We have 3 CNC 's.
- We have knowledge on Automotive, pharmaceutical, Defense, Aerospace and Industrial sector.
- We can make molds for : Plastic (Injection & blow), aluminium, zamak 5, composites for fibercarbon. Rubber, etc.



# Rubber Technology



- We have 10 hot press, 1 Bumbury mixer, 1 mill, 10 presses, 2 extruders, 1 oven, 4 cutters, 5 gluing presses.
- We can hot pressing rubber, silicone, polyurethane, nitrile etc.
- We produce products for racks, plugs, screw immersed in rubber, containers, etc.
- 60% of available capacity.
- Also we can add composites like fiber carbon, Kevlar and fiberglass to increase the force of the materials.

# R&D



- We belong to a group of scientists that was part of the National Institute of Astrophysics, Optics and Electronics.
- Design and manufacturing (mechanical, electric & electronic, CAD design with Solid Works, Catia, etc.)
- Process automation (sensors, actuators, production line, poka-yoke, etc.)
- Software development and programming (PLCs, PACs, vision cameras, specialized sensors, general integration of KUKA, Fanuc, ABB Robots).



# DRONES

- We can produce 3 kind of drones that can carry from 500 grs to 5 kilos. (4 to 8 propellers)
- UAV with 2 meters of wingspan.
- Additional accessories for Drones and UAV´s could include:
  - Flir Cameras for Thermal, Night vision, Infrared, etc.
  - GPS
  - Autonomous flight technology.
  - Flight report "Black box"

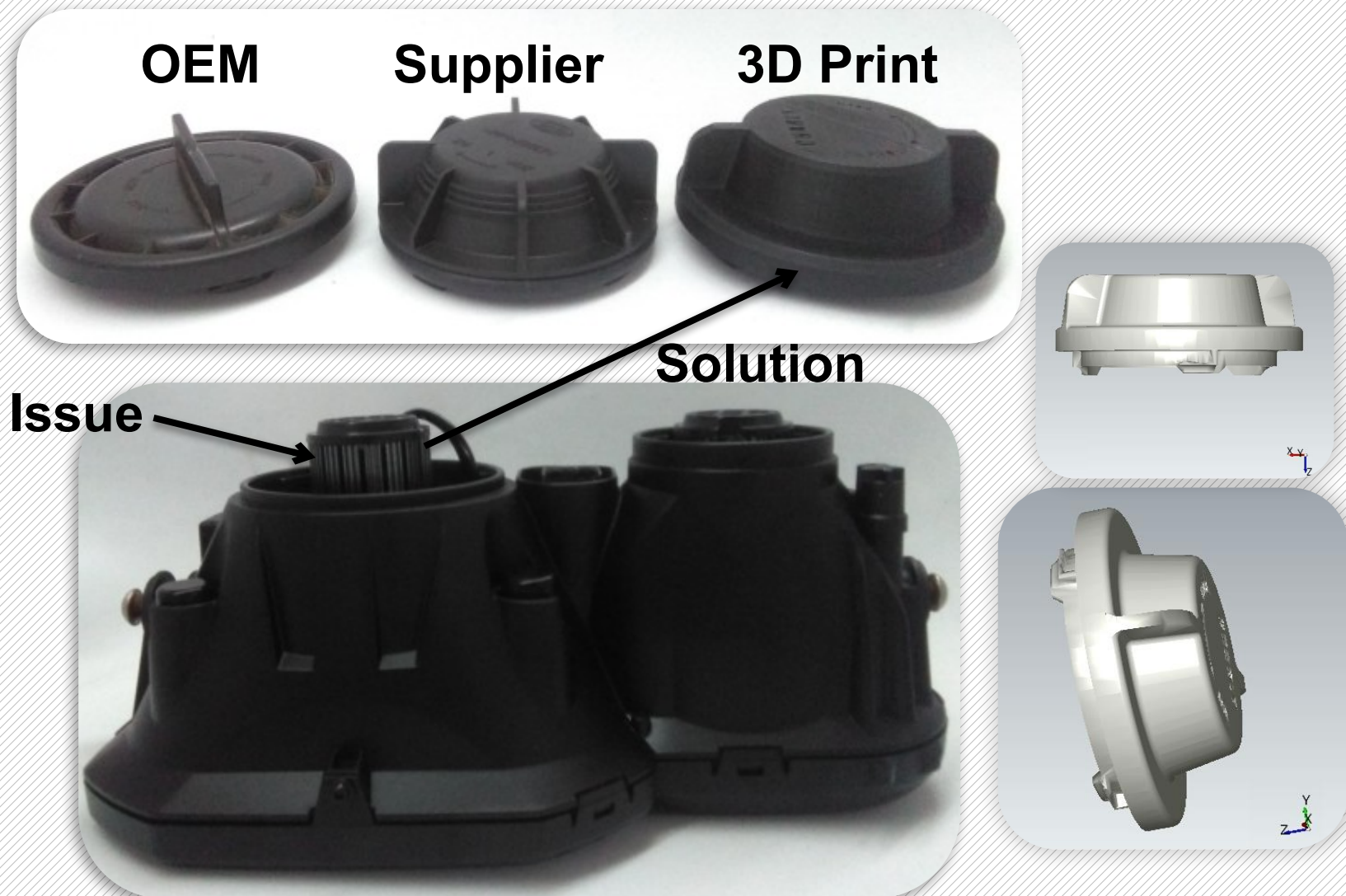
Currently this project it's stoped due to the modifications on the law, but we can offer to the governments

# APPS

- Augmented Reality
- Holograms, 3D models, innovation for Automotive and Aerospace industry
- Download your products across the world.



# CASE STUDY 3D PRINT FOR BMW GS 800 LED COVERS



# It is not all about work...

## We offer our services for racing in Mexico.

### «*La Carrera Panamericana*»

2013, 2014 & 2016

- Logistics
- Specialized mechanics for Porsche
- Assessment
- Legal representative
- Insurance
- Crisis management
- Sourcing for pieces in USA, Ger & MX



# SOME OF OUR CLIENTS



ASSA ABLOY





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*«Rien ne se perd, rien ne se crée: Tout se transforme»  
-Antoine de Lavoisier*

**Thank you for your time.**

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