



IGS mobile

Immersive Global Solutions

Augmented & Virtual Reality and
Computer Vision applied in

Industry 4.0

Eng. Gustavo Sanabria, CEO

gsanabria@igs.com.ar

www.igs.com.ar

Who we are



IGS mobile

Immersive Global Solutions

Augmented
and Virtual
Reality /
Computer
Vision

Global
Reach,
through
clients &
Partners

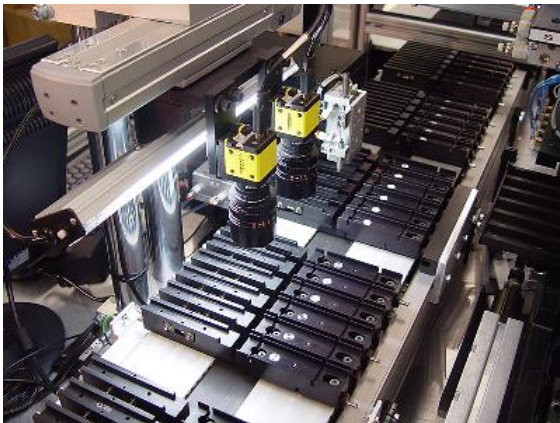
+300 AR
projects
delivered /
+30 Clients

Local IT
Cluster
MemberT
IC

Computer Vision

Casos:

- Aseguramiento de Calidad de Productos y procesos
- Seguridad y Vigilancia, con detección de rostro y eventos.



Casos de Uso Realidad Virtual



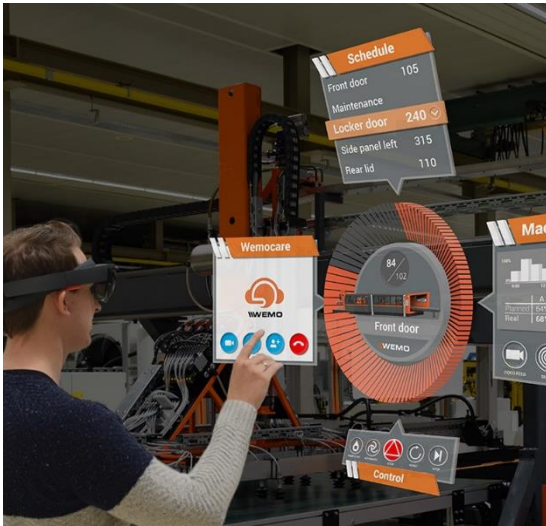
- Experiencias 360, para entrenamiento.
- Simuladores.
- Layout de planta, navegación VR.
- Tour de planta para visitantes.



AR Main Features / Use cases



- Tasks Orders handling/processing
- Live support video calls with FPV (First Person View)
- Access to information from different sensor devices and machinery.
- Image and video capturing and sharing



Use Cases and benefits:

- Guided Maintenance
- Guided/Assisted work/process
- Live Support with FPV
- Quality Assurance
- Logistics
- Communication between different áreas
- Faster and more flexible processes.
- Less efforts to get same results

Toyota Franciac TIG (OUR Work)



TOYOTA

TOUJOURS
MIEUX
TOUJOURS
PLUS LOIN

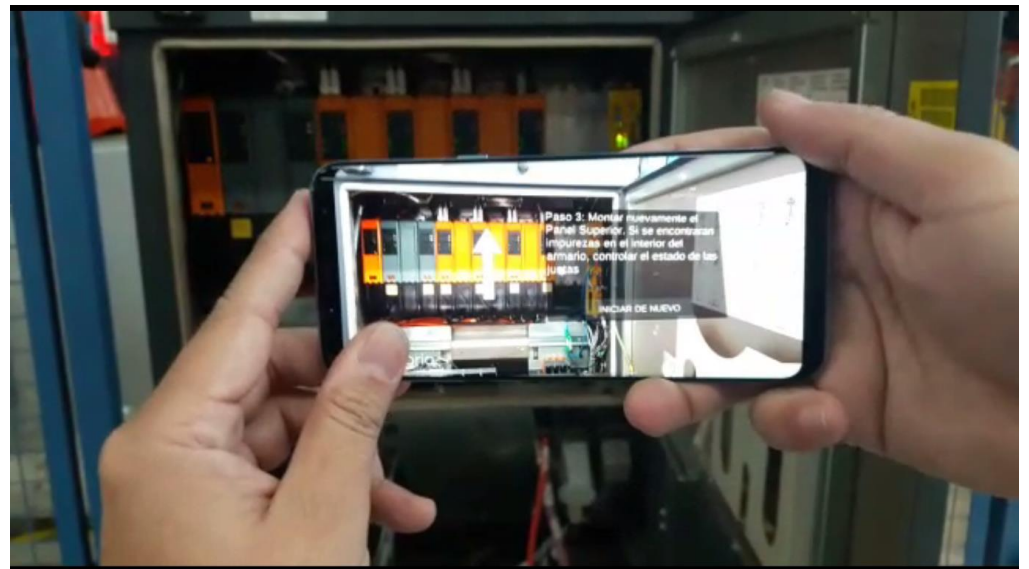
**UTILISATION DE LA RÉALITÉ AUGMENTÉE
TOYOTA**

Maintenance SMPs guided system prototype, using Augmented Reality

FCA

FIAT CHRYSLER AUTOMOBILES

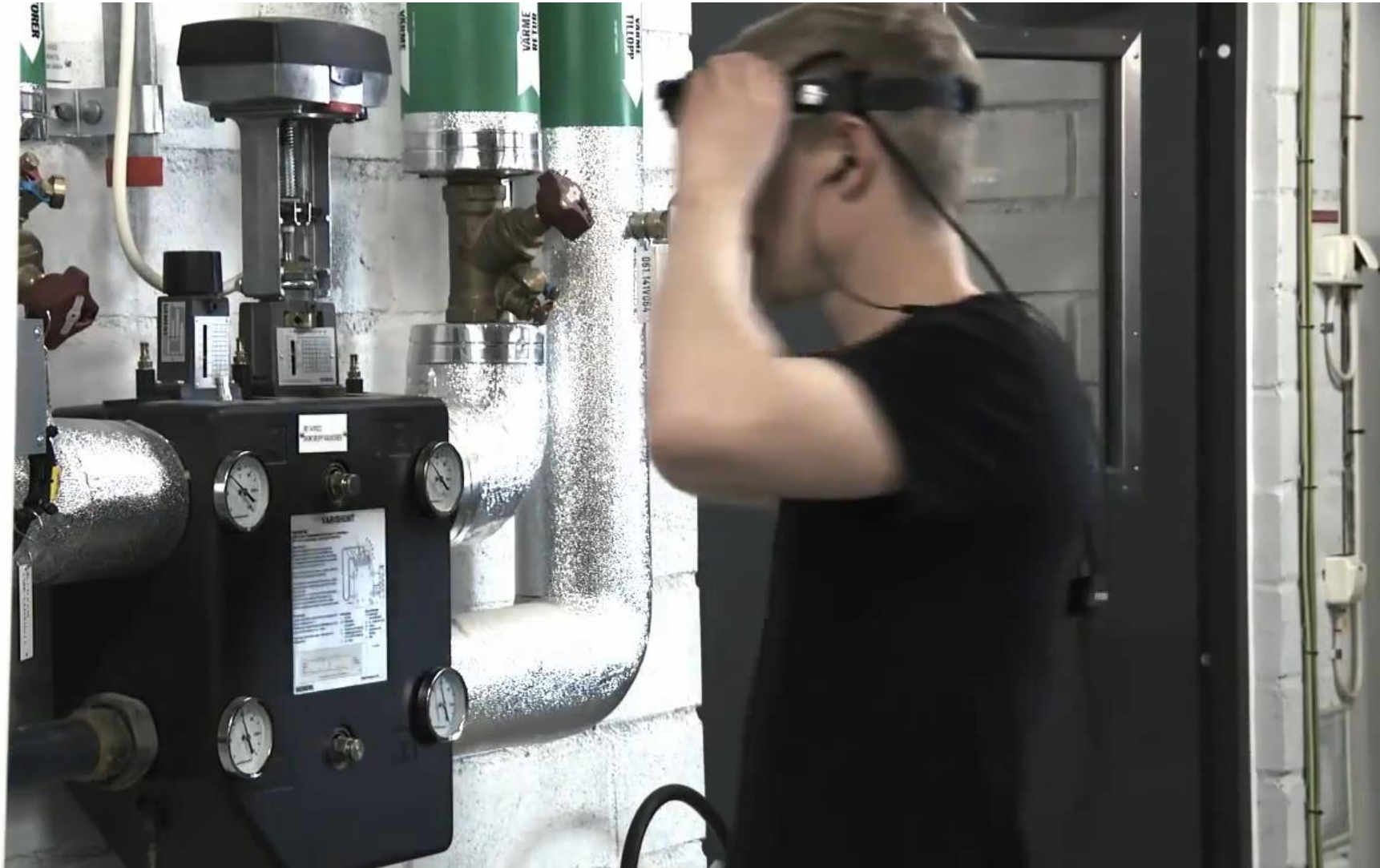
- Deployed in Sheet Metal - Maintenance Area
- Prototype with local information using Augmented Reality.
- Local Content Management System in initial analysis.



Guía paso a Paso con Realidad Aumentada



Soporte Remoto con Realidad Aumentada



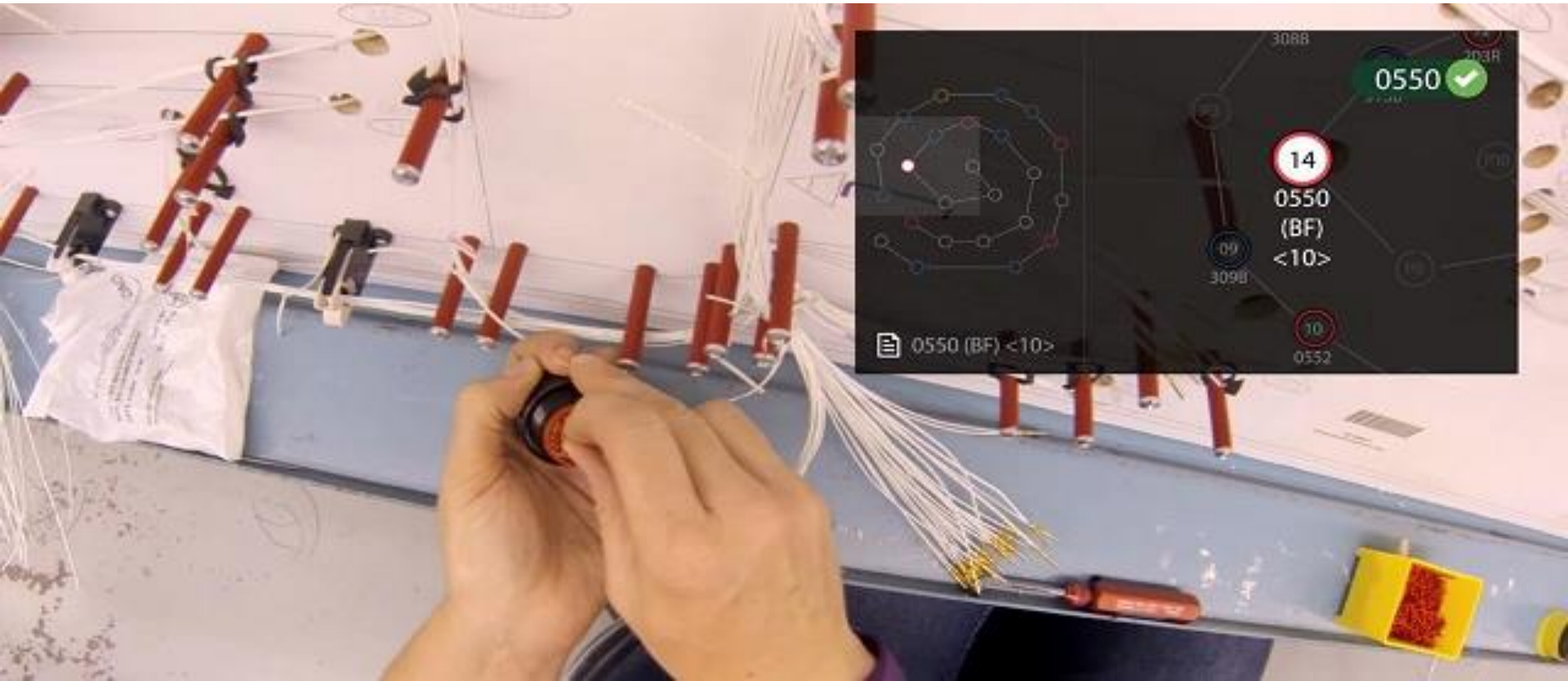
Boeing USA (example)

Use Case

- Wiring assembly

Benefits

- Process Time reduction of 25%
- Error % reduced to half.



Ford USA (Example)

Use Case

- Car assembly
- Remote expert support
- Quality Inspection

Benefits

- Better defects tracking
- Enhanced Communication
- Error % reduced



ThyssenKrupp (example)

Use Case

- Elevators Maintenance
- Expert Remote Support
- +20k possible users

Benefits

- Time reduction, specially for new technicians
- Enhanced communication
- Error % reduction

