



**ADVANCE AUTOMATION COMPANY**

Juárez, Chih.

El Paso, Tx.

León, Gto.

# BRANCH OFFICES TECHNICAL SUPPORT

El Paso, Texas

PIMA INDUSTRIES LLC

1430 Wyoming Ave STRIES Ste-A

Ciudad Juarez, Chihuahua

C. Alberto Carrera Torres #7909

Col. Parque Industrial Los Aztecas

Silao, Guanajuato

Ave. Mineral Valenciana #645

Puerto Interior. Santa Fe Bussines Center





# CAPABILITIES



- 5 CNC Milling Machine.
- 2 EDM (wire erosion and ram).
- 1 CNC Router.
- 7 Milling machines equipped with DRO.
- 2 Surface grinding machines.
- 1 Lathe.
- CIMYT Equipment

Full assembly lines and machine validation process.

We offer technical support, training and documentation including: machine manuals, circuit diagrams, pneumatic diagrams, design drawings, bill of material and maintenance recommendations.





# What we do in **PIMA?**

THE FUTURE STARTS TODAY, NOT TOMORROW



## INNOVATIVE EQUIPMENT

Specialized industrial equipment for  
**assembly** and **manufacture** of parts.



# INNOVATION AND TECHNOLOGY

- Welding Process
- Parameter monitoring applications (temperature, force, pressure, flow, etc.)

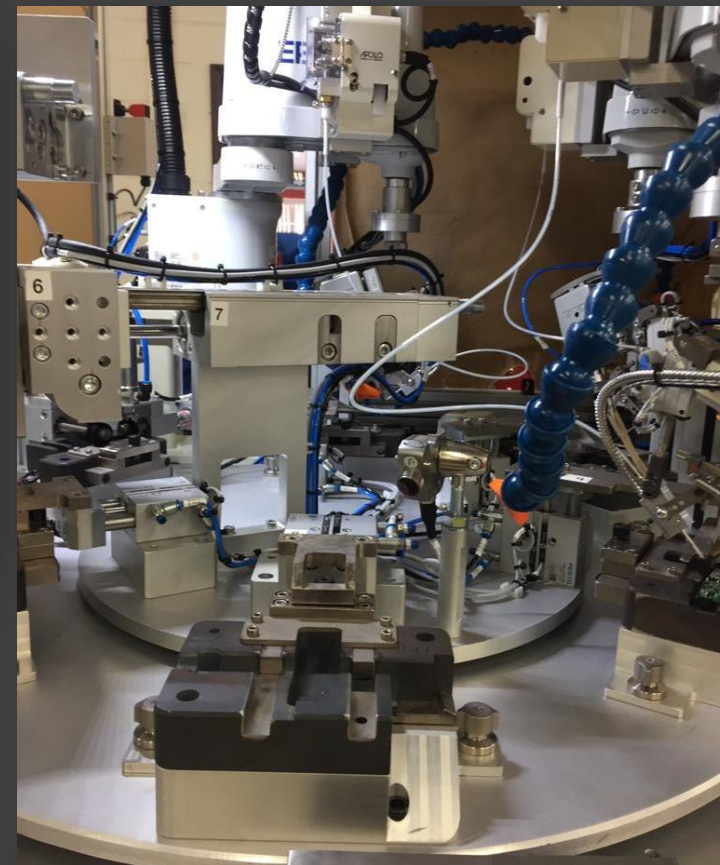




# AUTOMATION SOLUTIONS



- Pneumatics and hydraulic systems.
- Ultrasonic and heat welding
- Leakage tests and functional auto parts.
- Automatic screwing systems with control and parameter monitoring.



## ASSEMBLY AND TEST PROCESSES



- Design of tools and scantlings.
- Vision Systems
- Laser welding systems in metals and plastics.
- Application of terminals for harnesses.
- Servo-controlled insertion processes.



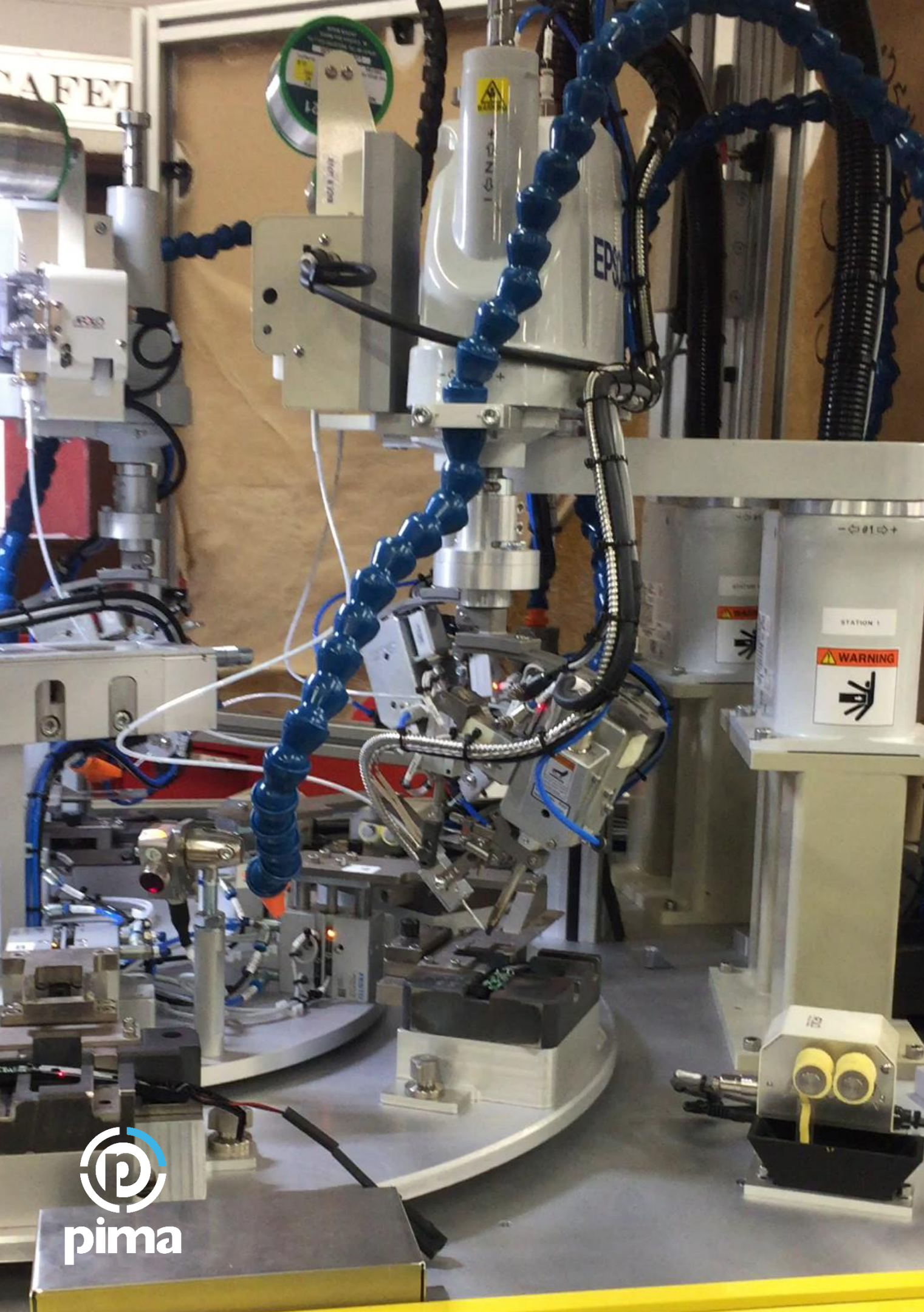
# CONVEYORS, WORK STATIONS AND PRODUCTION LINES



## INTEGRATION OF ROBOTIC EQUIPMENT







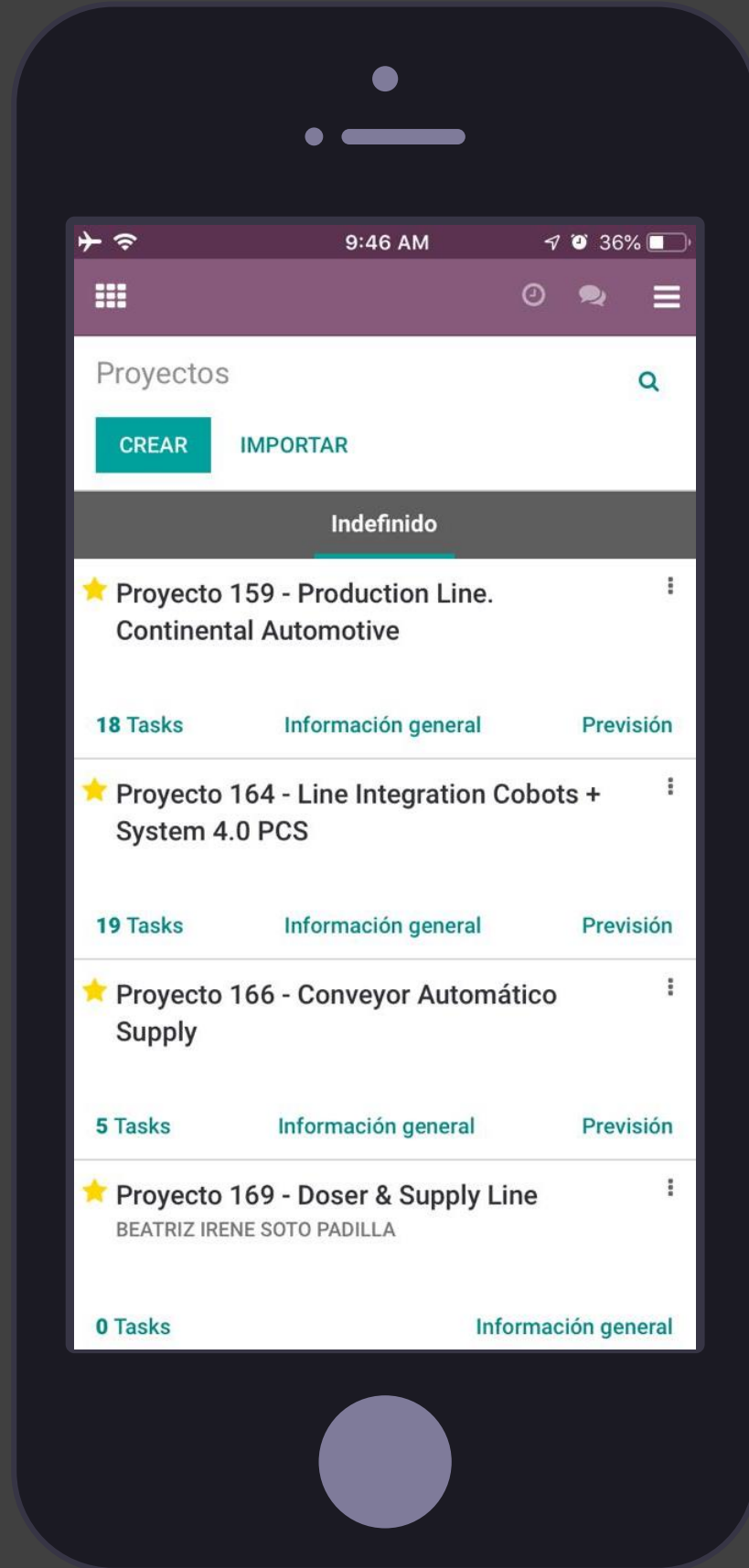
EFFICIENT AND QUALITY PROCESSES  
SATISFACTION TO OUR CUSTOMERS

Yes

# REAL-TIME MONITORING OF YOUR PROJECTS

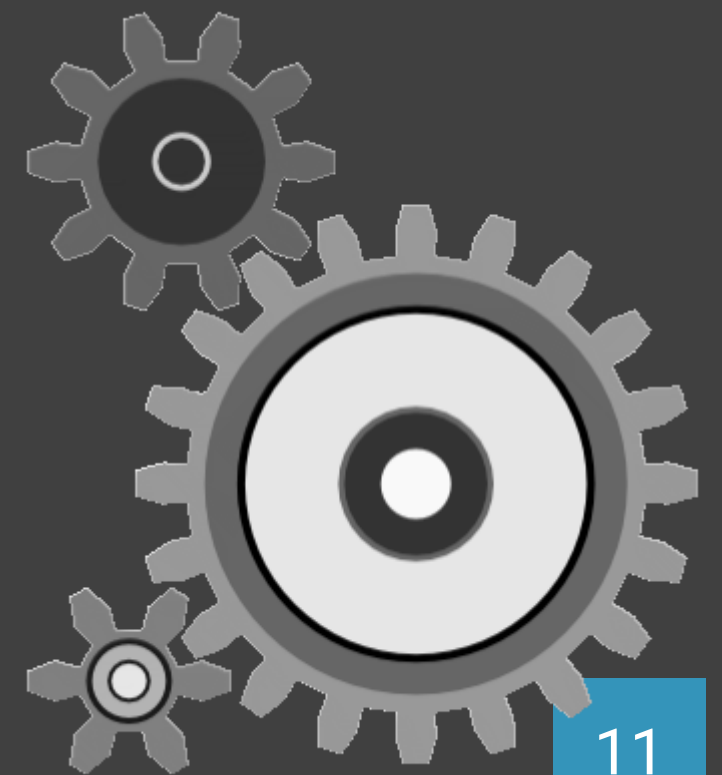
Are you ready?





# odoo pima Systems

- ERP & CRM System
- Project Management
- Administrative Control
- Material and Warehouse
- Accounting
- Customer relationship



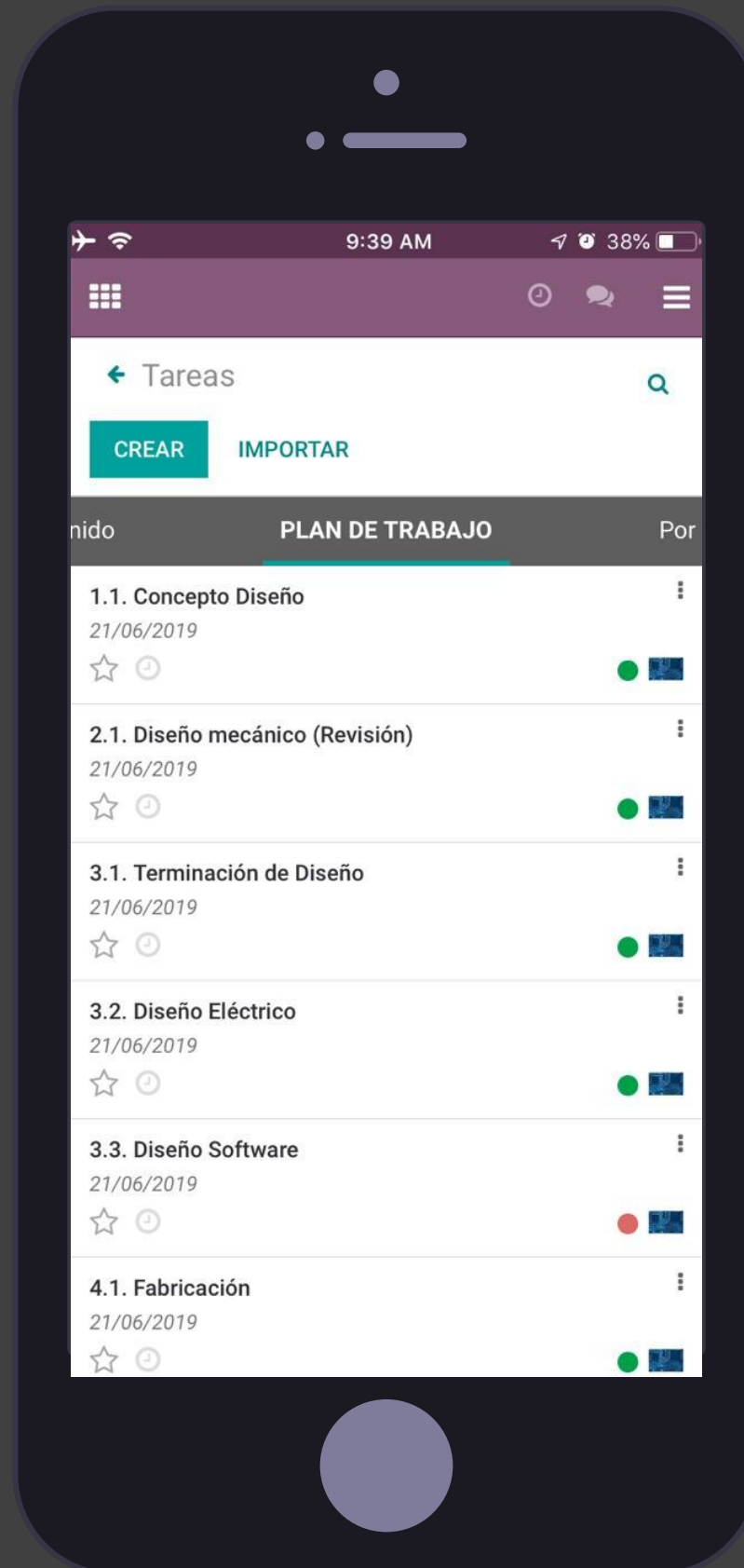


## PROJECT MANAGEMENT

GET IN TOUCH!

## PROJECT PROGRESS

Monitoring progress of your project in real time.



## STATE OF THE TASKS

Check the current status of the tasks that make up your project.

## KAN-BAN STATE

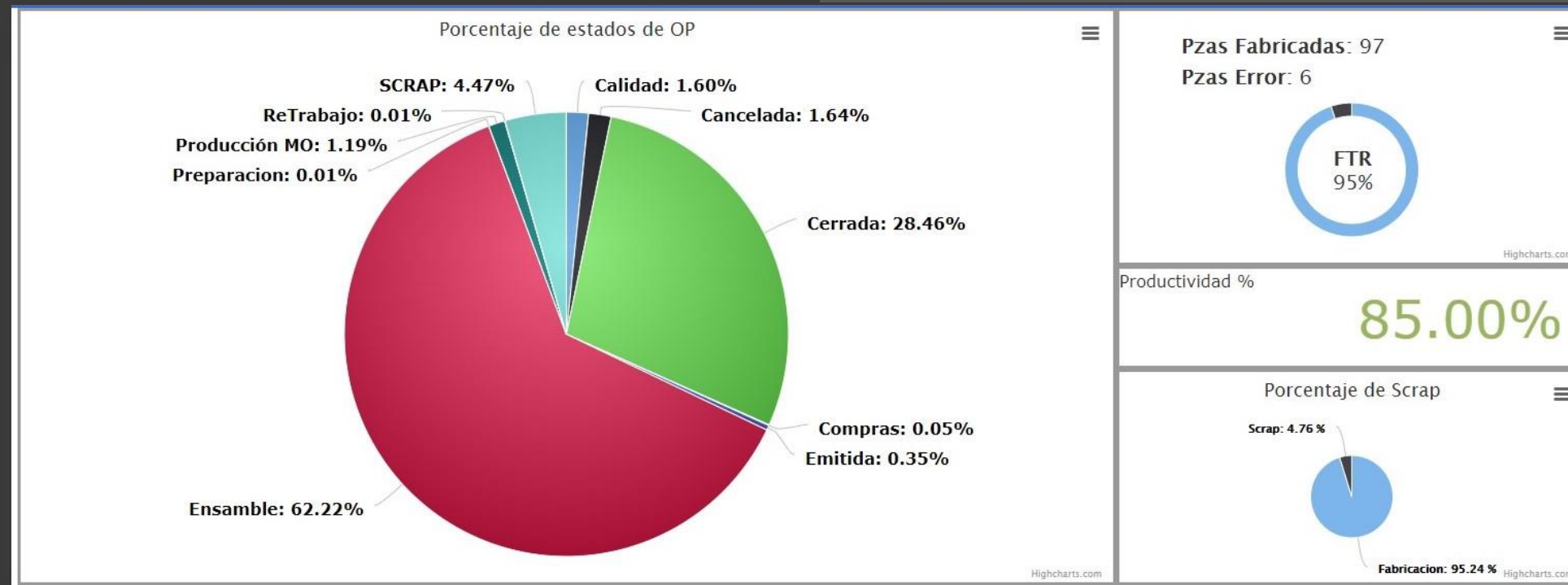
Sort the states of the tasks by stages (pending, in process and completed)

## PROJECT ASSIGNMENT

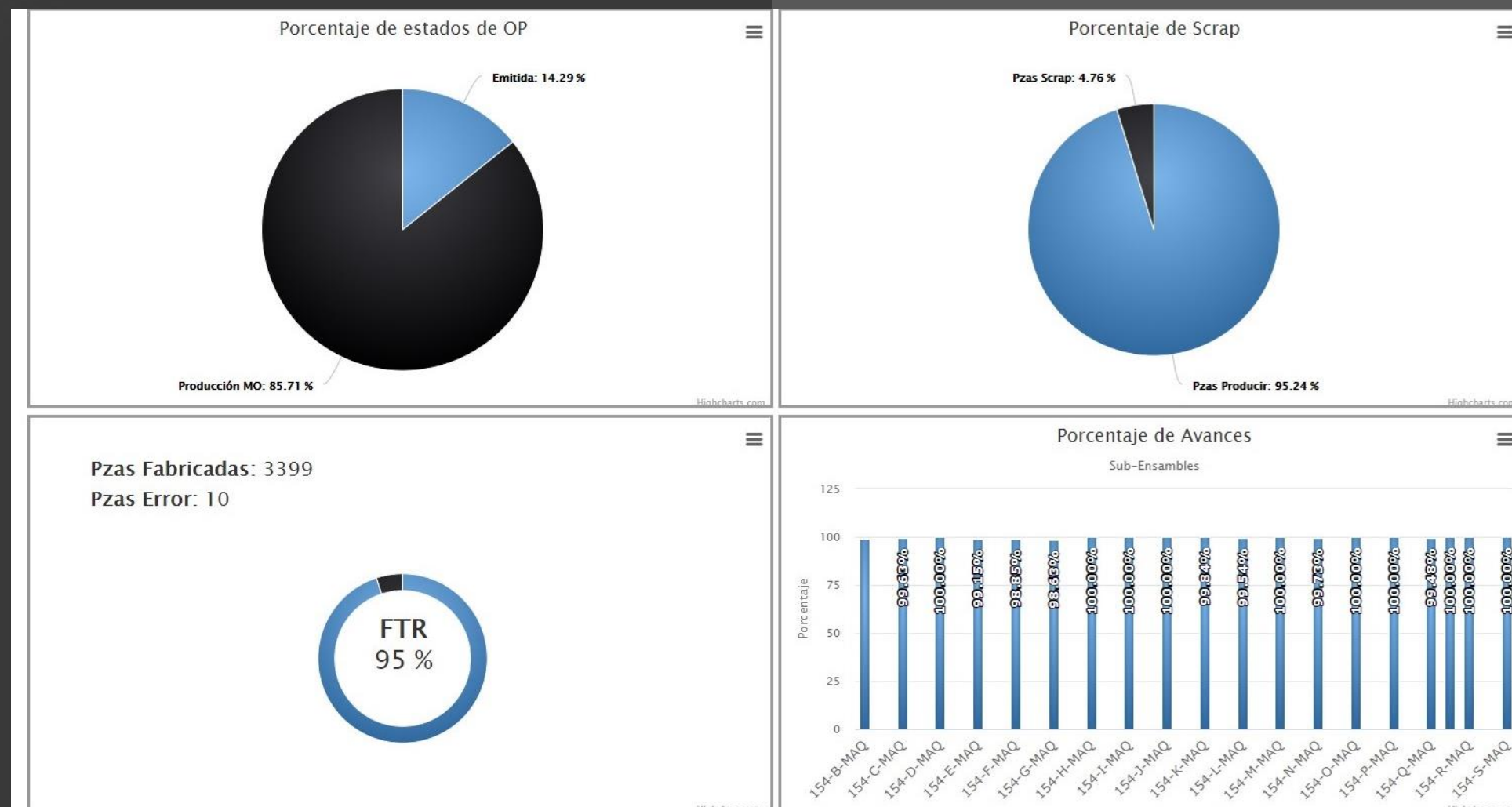
Visualize the assignments name of the Engineer who is in charge of your project



## PROJECT OVERVIEW



## VIEW BY PROJECT



# SIMA

## PRODUCTION CONTROL SYSTEM

Developed by PIMA

- Labor costs
- Time measuring
- FTR% and SCRAP reports
- Traceability of manufactured parts

# OUR PARTNERS

## Laser welding process

**TRUMPF**

**LEISTER**

## Screw Driver systems

*Atlas Copco*

**DEPRAG**

## Vision systems

**COGNEX**  
vision

**KEYENCE** **MICROSCAN**

## Precision insertion

**KISTLER**  
measure. analyze. innovate.

**PROMESS**  
Assembly and Sensor Technology

**TOX** **PRESSOTECHNIK**

## Scara Robots

**EPSON Robots**  
Built to Perform

**YAMAHA**  
ROBOTICS

## Industrial robots

**KUKA**

**ABB**  
ROBOTICS

**FANUC**  
ROBOTICS

## Collaborative robots

**UNIVERSAL**  
ROBOTS

## Cable terminals

**Schleuniger**

## Leak Testers

**CTS**  
CINCINNATI  
TEST SYSTEMS

**FastTest**  
Compressed Gas Products

**ATEQ**

## Functional testers

**KEYSIGHT**  
TECHNOLOGIES

**NATIONAL**  
INSTRUMENTS™

**EMERSON**

## PLCs Platforms

**SIEMENS**



**Allen-Bradley**

**BECKHOFF**

**Rexroth**  
Bosch Group

## Traceability System

**PCS**  
PRODUCTION CONTROLLER SYSTEM

## Programing languages

**LabVIEW**



**TwinCAT**  
Visual Basic

## Industrial networks

**PROFI**  
**NET**

**IO-Link**  
**EtherNet/IP**





## GENERAL INFORMATION

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