

# Capetti Elettronica S.r.l.

DESIGNING AND MANUFACTURING OF ELECTRONIC EQUIPMENTS



# Company overview

## Profile (who are we ?)

Not a supplier of electronic board design only but:

- Partner on product design: developing together
- Supplier of Integrated Electronic Design for customer needs: mechanical, electronics, FW & SW, solution
- Know-how & skills focused on customer' needs

We offer:

- 30 years of growth & evolution in technologies, instruments, people
- Know-how & skills focused on customer' needs
- Continuous Innovation in Technologies thanks to frequent collaborations with the POLITECNICO in TORINO and other RESEARCH INSTITUTES
- Quality of Design
- Design Maintenance
- Complete responsiveness to customer' needs

## Design & Manufacturing

### equipment OEM custom

- Motor control (custom inverter) for Turbo, Scroll and Rotary Vane vacuum pumps
- High Voltage power supply for Ion vacuum pumps
- Instruments for predictive maintenance of ball bearing by analysis of temperature
- Electronic equipment customized for the railway sector (Door control unit, DDC controller for HVAC Heating, Ventilating and Air Cond.)



### Wireless Monitoring systems

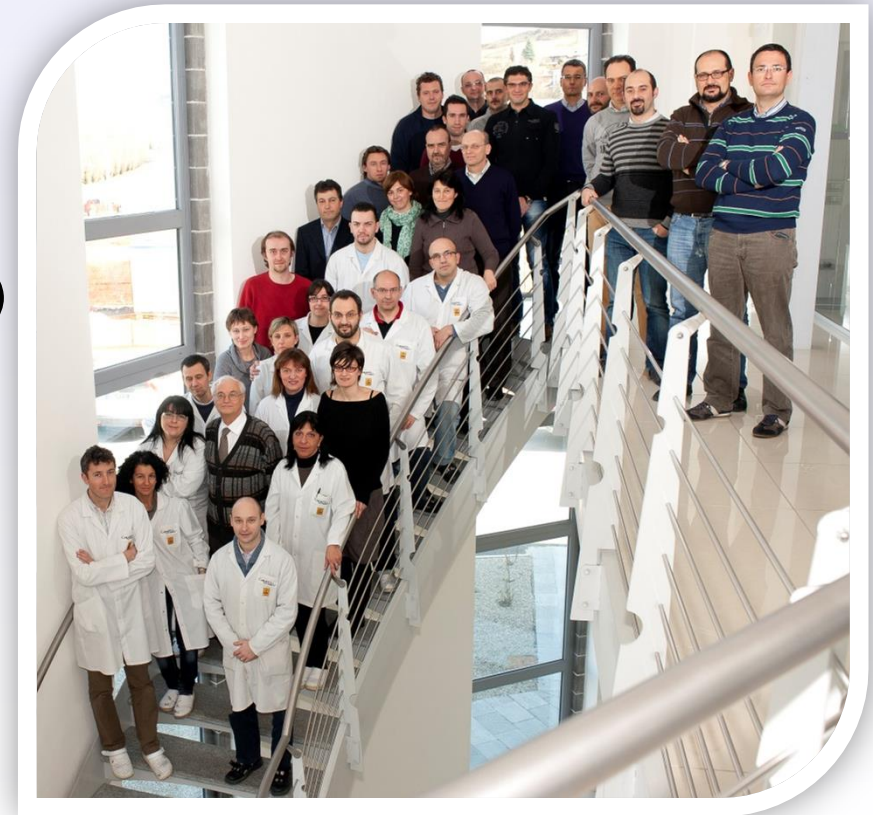
- Energy (energy saving)
- Environmental monitoring
- Museum
- Structural



## Headcount

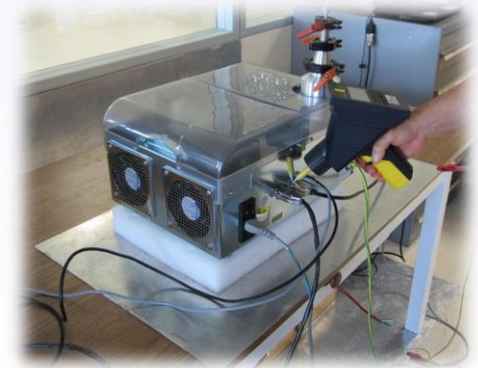
- Director: 1
- Direct: 14 (manufacturing)
- R&D: 13
- Indirect: 10 (Procurement, Account/payment, Planners, Sales)
- Quality: 2

Total: 40



## Equipments

- ❖ Thermal chamber
- ❖ EMC pre-compliance test equipment
- ❖ Softwares OrCad, P-Spice, SolidWorks, etc.
- ❖ Shop floor 100% ESD
- ❖ Automated Test set for Final test
- ❖ Full Integrated product traceability
- ❖ Automatic warehouse for Electronic components
- ❖ Termocamera 320X240 pxl -20°C a +550°C (30 Hz)

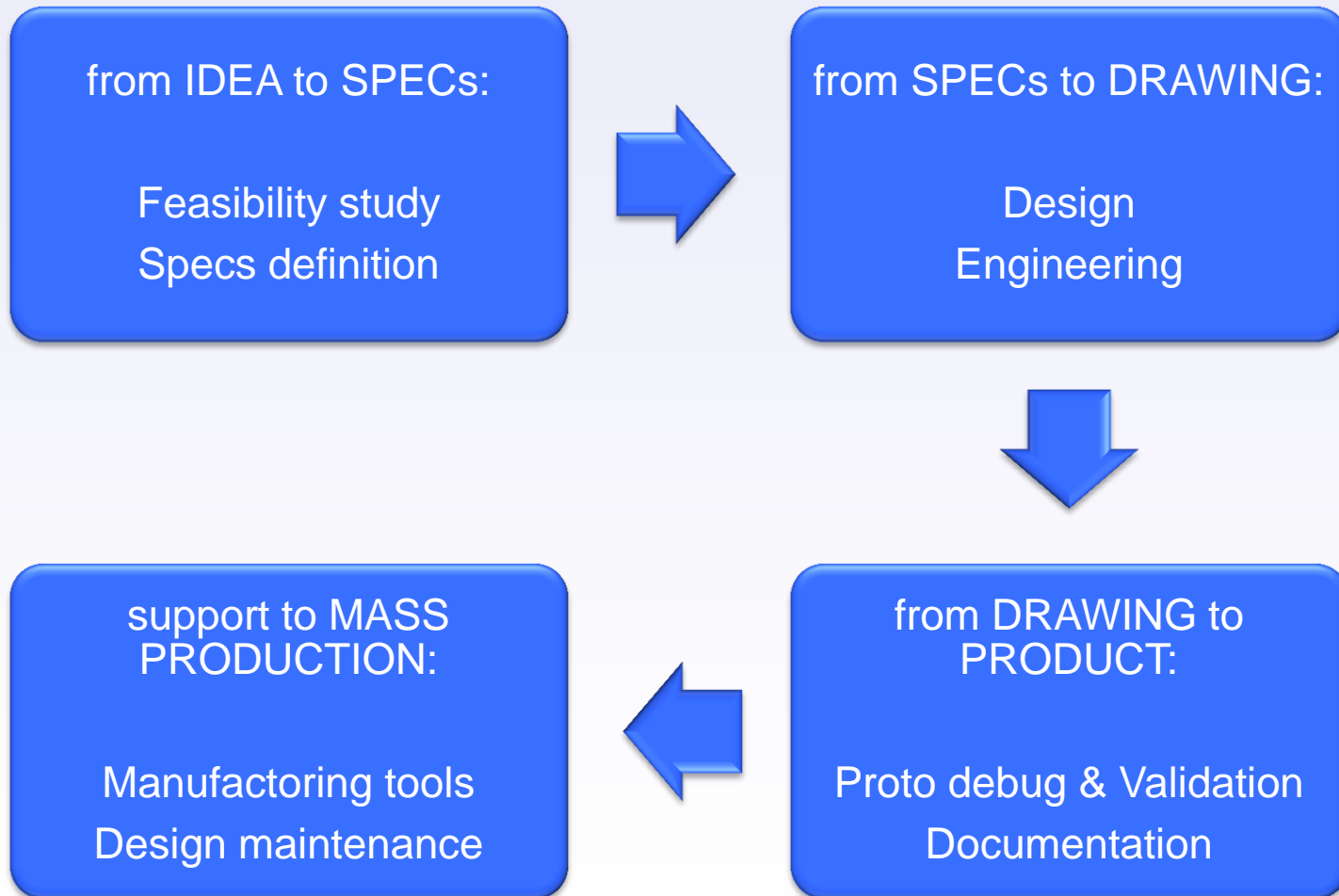


## History

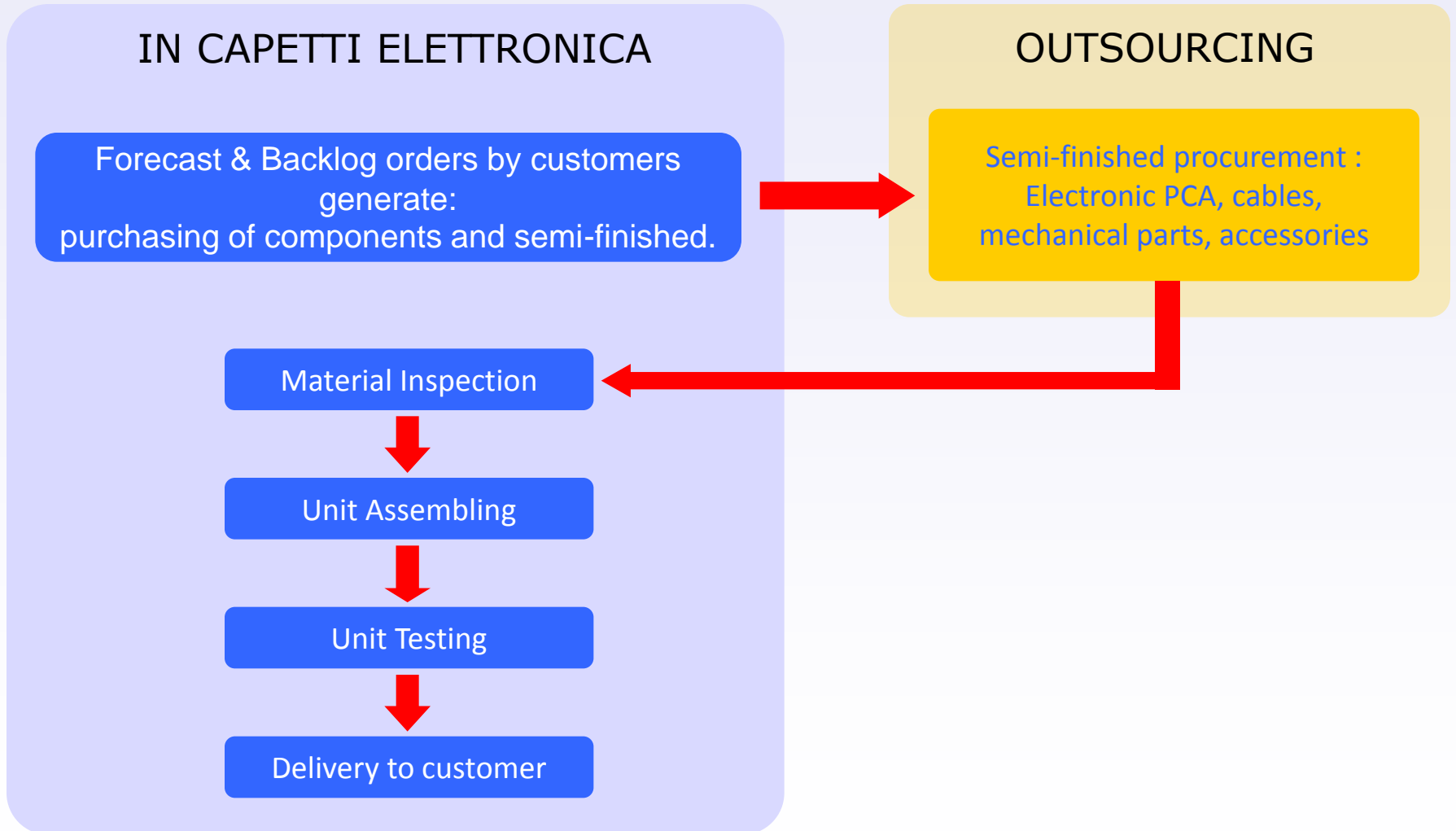


# Process capability

## R&D Design Flow



## MFG Process Flow Summary



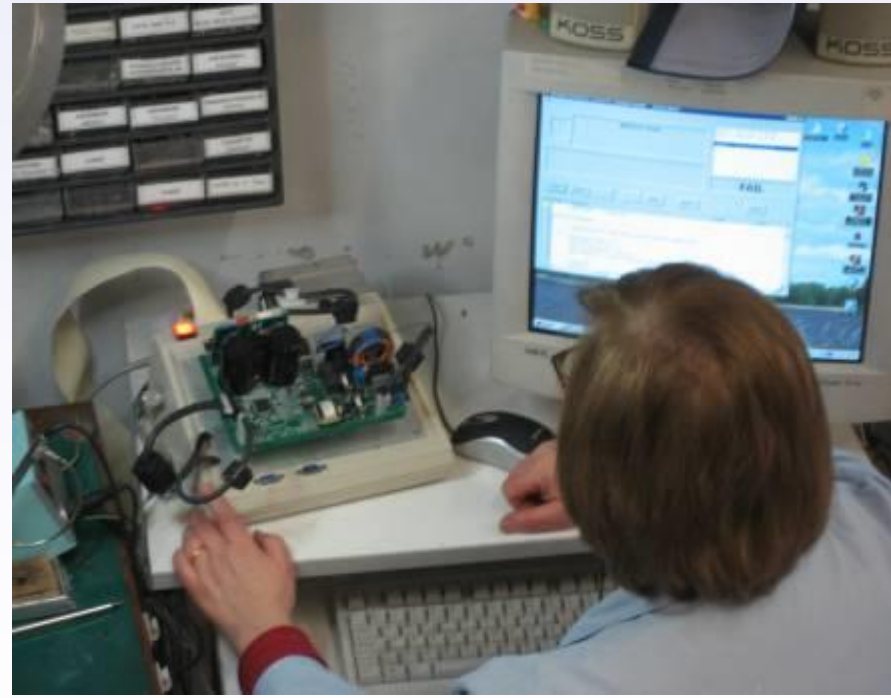


# Process capability

## Methods and processes :

100% of the PCAs are subject to a parametric test (Flying Probe) and AOI

Final test (before and after the burn-in) are made by automatic test equipment (ATE)



**Thank you !!!  
Question & answer ?**

