



ALL Circuits

ELECTRONIC MANUFACTURING SERVICES

EXCELLENCE IN INDUSTRIAL INNOVATION

WWW.ALLCIRCUITS.COM

ALL
CIRCUITS



ALL Circuits in a few figures

55th

EMS worldwide,
1st EMS in France*

261

M€ turnover in
2020

5

facilities on 3
continents, 58 000 m²
of production area

2 000

dedicated team members*

30

More than 30 years
of automotive and
industrial excellence

40

More than 40 years
of experience in
telecommunications

28

SMT lines

400 000

cards and systems
produced daily

* MMI Insider 2020

** Temps included

ALL Circuits, an industrial and human adventure

1992

Valeo

SITE CREATION

Valeo opens its electronics assembly plant in Meung-sur-Loire

2002

JABIL

SHAREHOLDER CHANGE

JABIL acquires VALEO facility

2009

AIAC

SHAREHOLDER CHANGE

Initial step towards a new company: the site is acquired by AIAC, a private industrial and investment group

2012

SITE ACQUISITION / CREATION OF ALL CIRCUITS

AIAC acquires **SAGEMCOM** EMS division to strengthen the company now called **ALL**

2015

IEE
a sense for innovation

SHAREHOLDER CHANGE

IEE acquires ALL Circuits

2016

ACQUISITION OF A DESIGN CENTRE

Group broadens its offer by integrating a design center, AC Technologies

2018

SITE CREATION IN MEXICO

Opening of a plant in Mexico for the American market: GDL Circuits

2019

10
ALL
YEARS

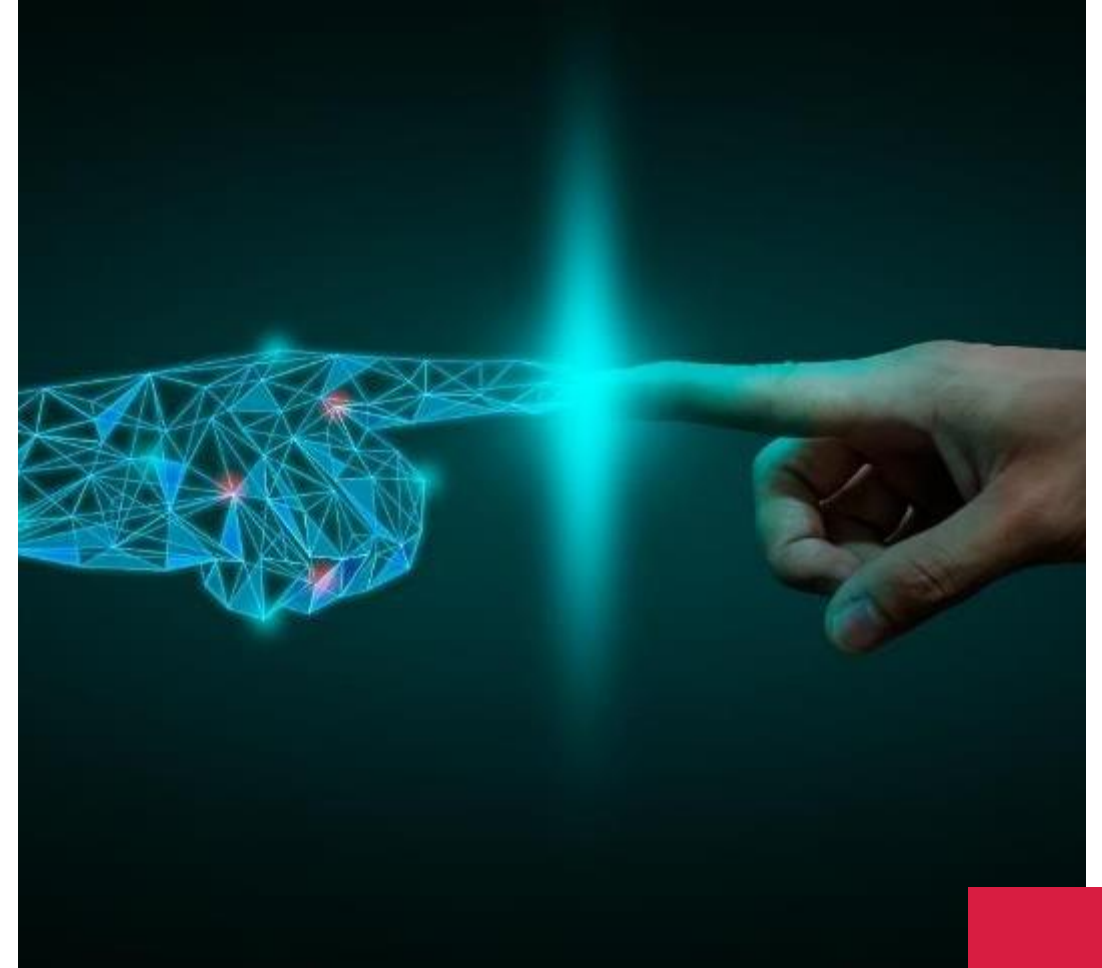
ANNIVERSARY

ALL Circuits celebrates its 10th anniversary

ALL
CIRCUITS

A unique DNA

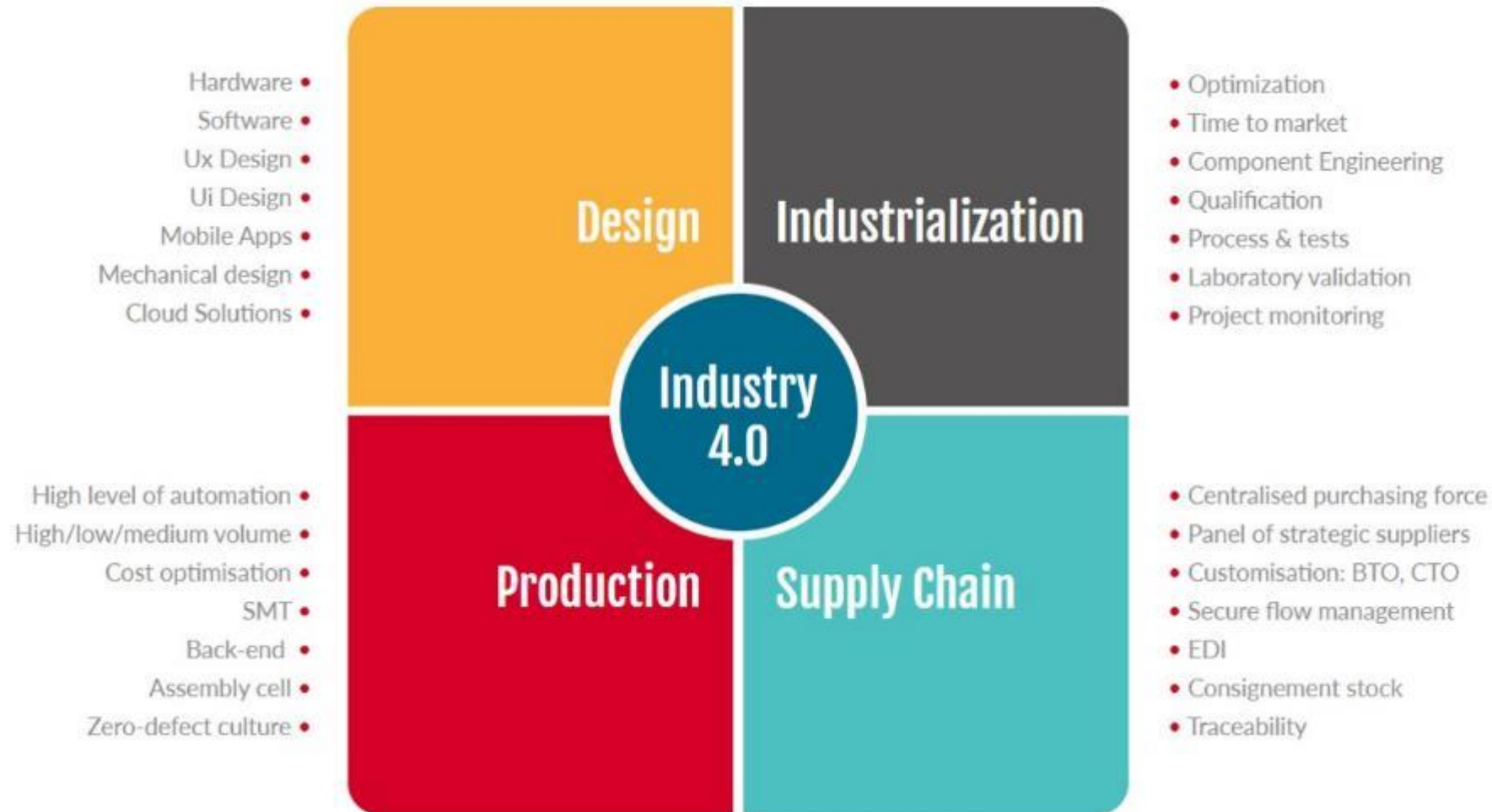
- Almost 30 years of automotive excellence
- Proven experience in industry & telecommunications
- Mid and High volumes in France
- Design capabilities in France
- A cost-effective solution in Tunisia and in Mexico
- Direct manufacturing, purchasing and logistics
- Use of automotive standards as a reference



Markets



What we can do for you



Locations

BMS Circuits

- Bayonne (France)
- 20.000 m²
- 320 employees
- Certifications:



MSL Circuits

- Meung-sur-Loire (France)
- 18.000 m²
- 580 employees
- Certifications:



GDL Circuits

- Guadalajara (Mexico)
- 8.000 m²
- 230 employees
- Certifications:



TIS Circuits

- Ben Arous (Tunisia)
- 12.000 m²
- 820 employees
- Certifications :



AC Technologies

- Design center
- Angers (France)
- Certification afaq ISO 9001



- Facilities: **Bayonne, Ben Arous (Tunis), Guadalajara, Meung-sur-Loire**
- Design office: **Angers**
- IPO: **Singapore**

Turnover evolution

1st

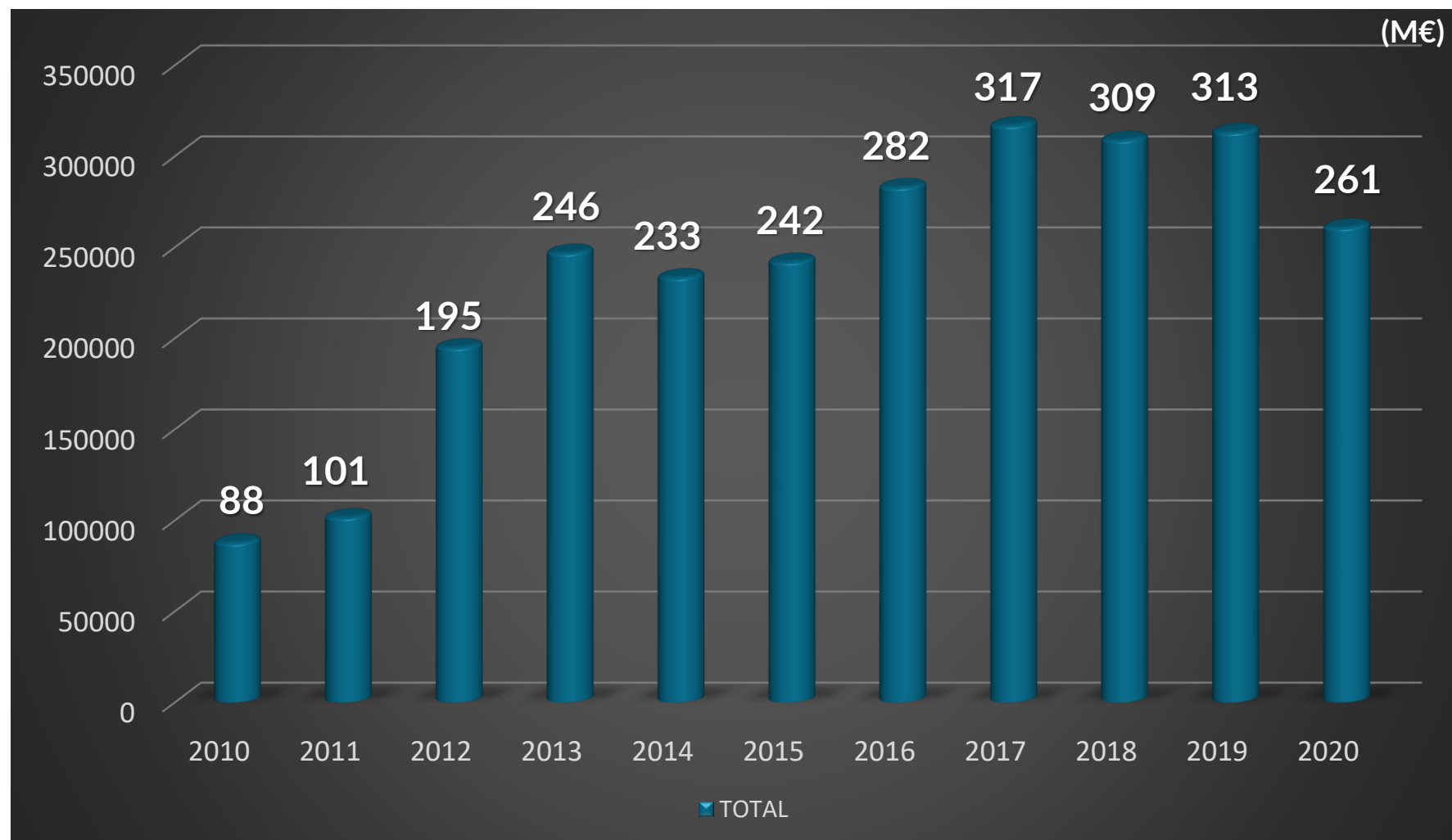
EMS in
France

7th

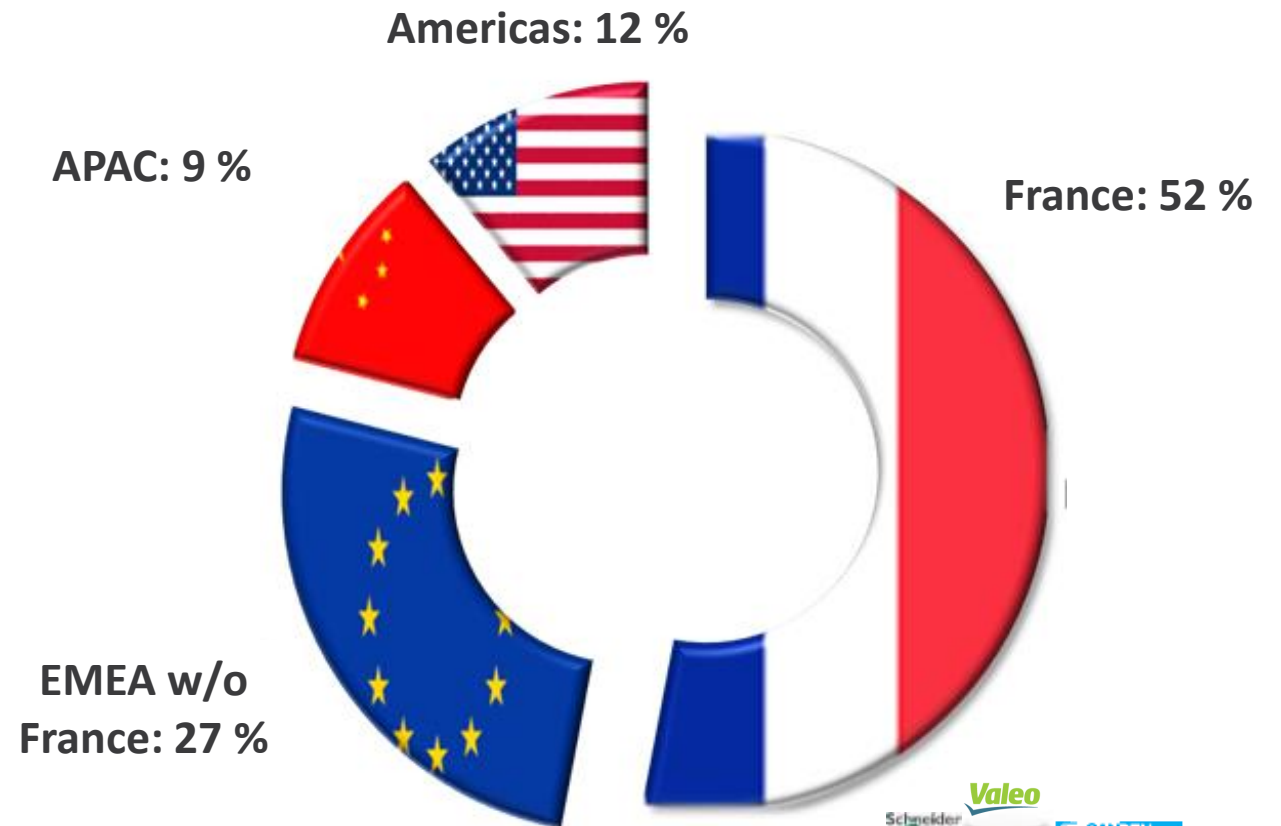
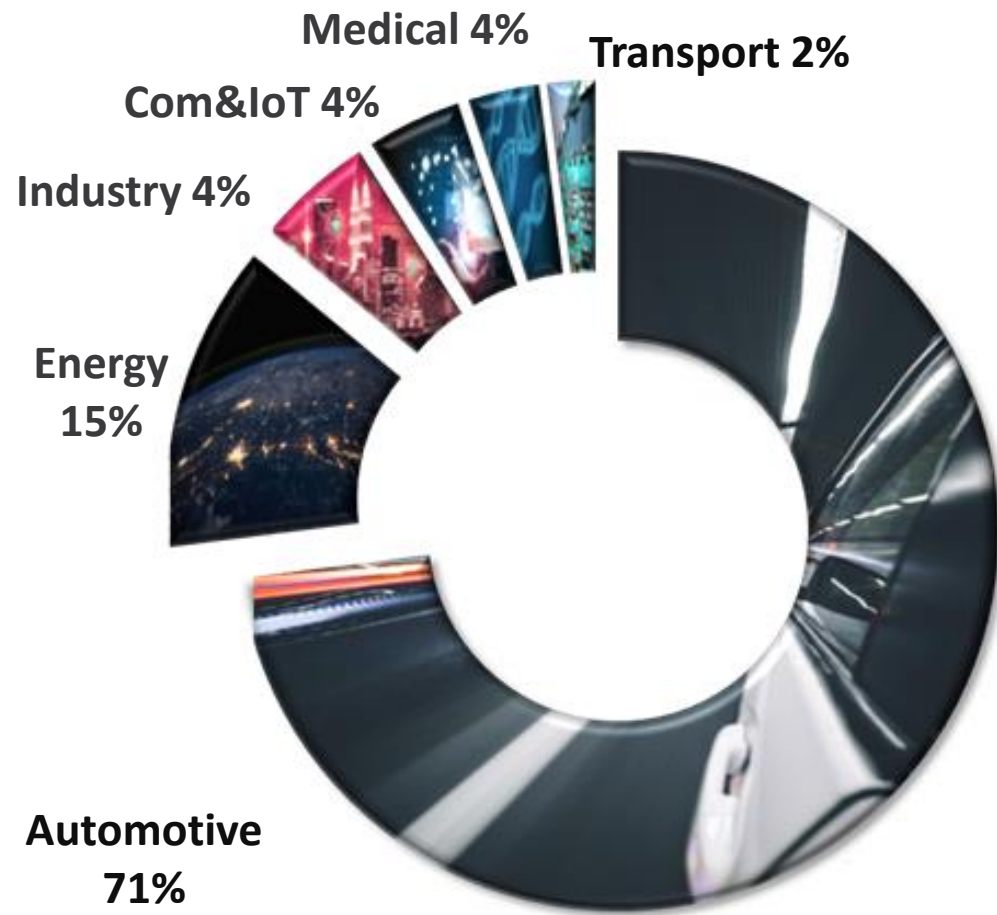
EMS
In Europe

55th

worldwide



Markets and delivery points



A recognised expertise



Industrialization

We support you very early in the start of your project, as it is for us an undeniable guarantee of success and achievement, with a high level of quality requirements.

Engineering

Laboratories

Tests

◇ quest
for excellence



Design & Development of test means

01. Testing strategy

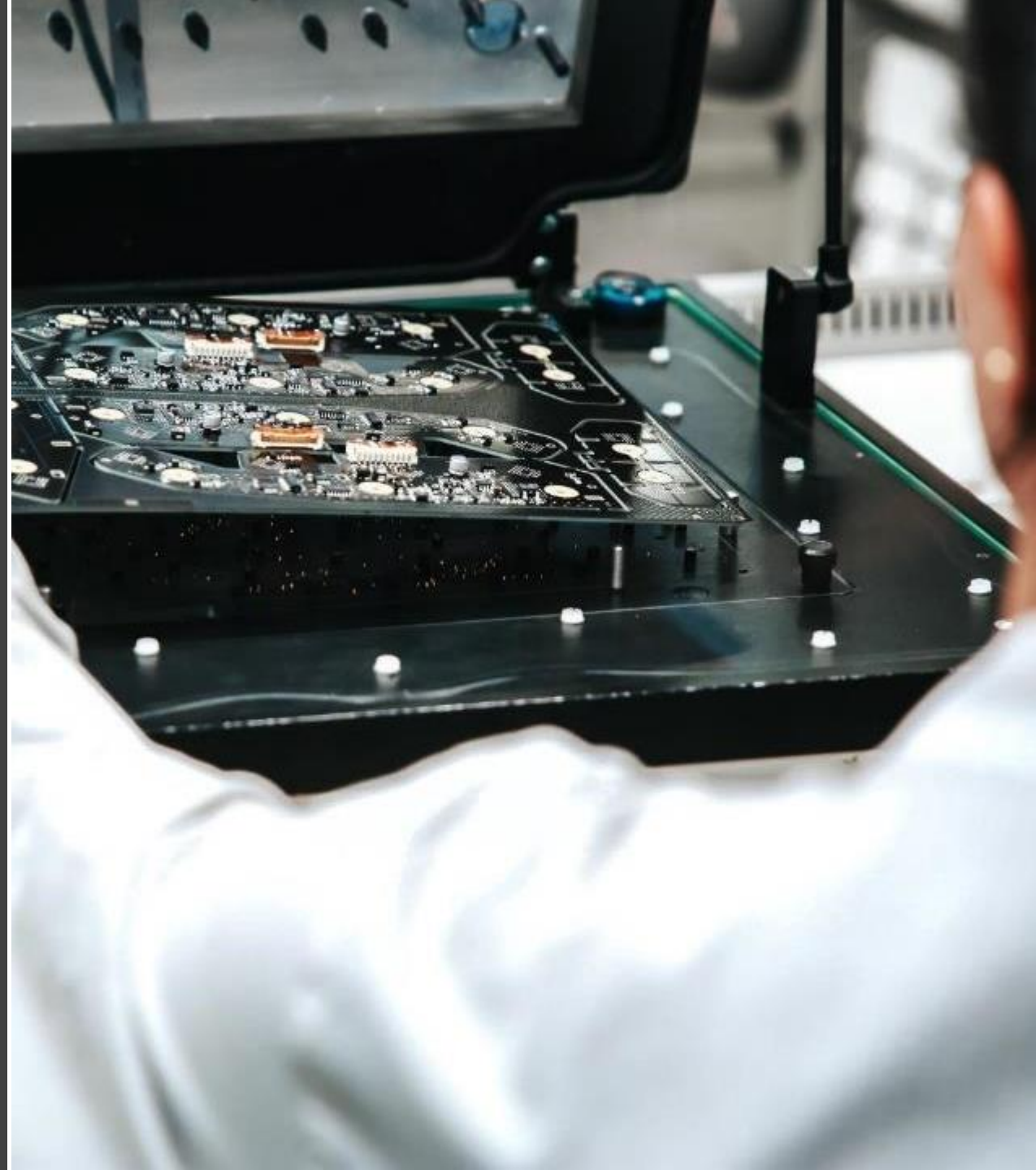
- Definition & validation of the test strategy: ISP, 2D/3D AOI, ICT, Programing, FCT
- Functional tests on finished products: sealing, light flux / optics, acoustic (in anechoic chamber), RF (Faraday cage), power and consumption...
- Coverage analysis and test accessibility
- Qualification of test means
Cp/Cpk Capabilities , R&R, FPY

02. Traceability

- 2 D laser marking
- Complete traceability software: from coil to finished product
- Secure provision of data for our customers

03. Programming, flashing

- Firmware
- Customization: WBS, serial number, encryption keys, certificates, MAC



Production

ALL Circuits' expertise is based on the latest generation of equipment and a management system focused on zero defect, making it possible to meet all your needs for small, medium and large production runs.

All-in-one
SMT lines

Digital
monitoring

Compliance
with standards

Complete
traceability

Back-end
manufacturing

High level of automation

All-in-one SMT line

01. Cutting-edge technology

- Smaller and smaller and exotic components
- ISP slavery and screen printing
- 3D AOI, ICT and online programmer
- Cobot and robot cells
- Automatic stripping and packaging

02. Flexible real-time traceability and monitoring

- On-line PCB marking and traceability
- Complete traceability for each component



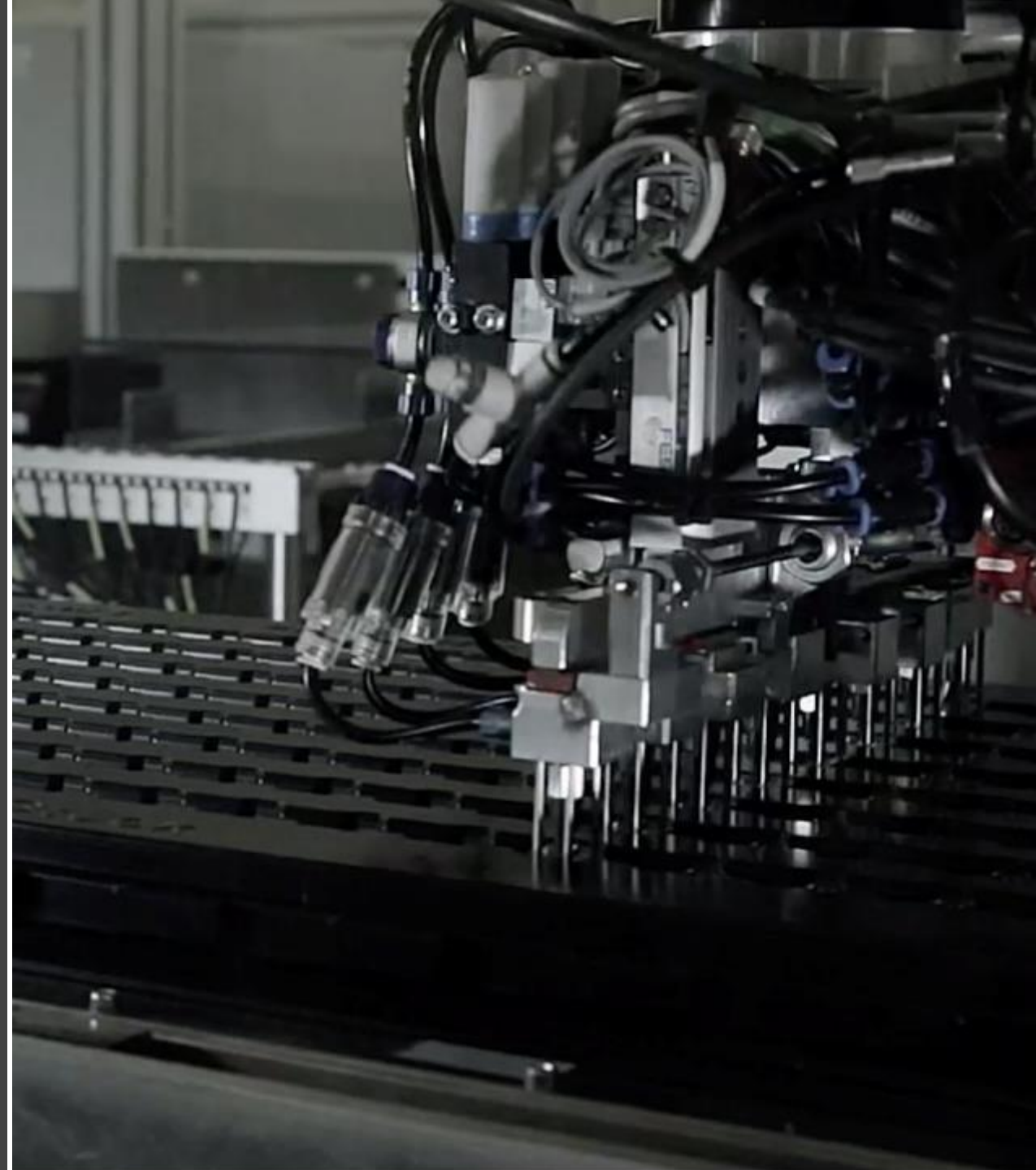
Fully automated back-end

01. Solutions tailored to your needs

- Generic or dedicated assembly lines
- Manual, semi-automatic or 100% automatic assembly
- Expertise in assembly, screwing, gluing, varnishing, classic/selective wave

02. Dedicated tools

- Workshop
- Final assembly
- Tests
- Production cells
- Dedicated team per customer



Digital monitoring

- Traceability
- Material management
- ERP integration
- Intelligent machines
- Data control
- Self-monitoring at every step

Compliance with standards

- ISO TS 16949
- ISO 14001
- ISO 9001
- ISO 13485
- OHSAS 18001
- UL US
- IPC 610-D class 3 standard
- 3 brazing process WEEE/RoHs, JEDEC



Complete traceability

- Poka Yoke
- Production monitoring
- IMEI, SN, PN, MAC address
- FPY testers
- After-Sales Service and Customer Returns
- Packaging
- ERP link
- Product life tracking
- Secure data



Supply Chain

We provide a complete mastery of the Supply Chain and offer you a variety of logistic solutions and a excellent service rate. Our performance is based on local support, close to our customers, backed up by a global purchasing strategy.

Centralized
purchasing
force

Secure flow
management

Customized
Supply Chain

Logistics

Centralized purchasing force

- International scale
- Panel of strategic suppliers
- A supply of reliable components in accordance with your quality requirements

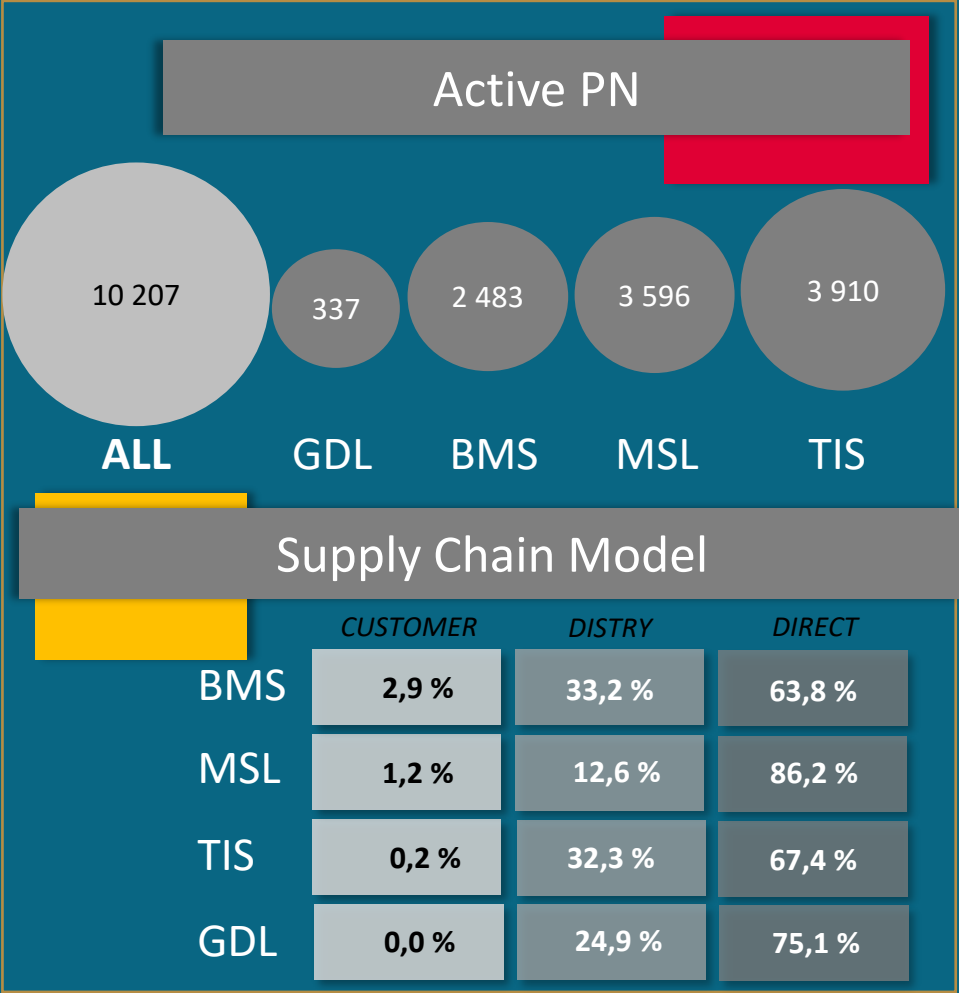
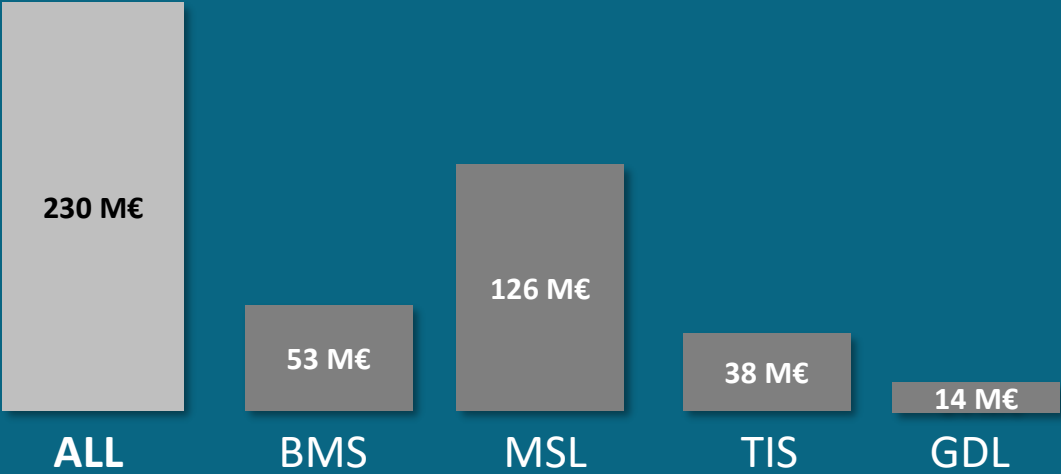
Customized Supply Chain

- Strongly rooted just-in-time culture
- Complete control of the Supply Chain
- BTO / CTO



Key figures

Purchasing Spend: 12Mo



300

PRODUCTION SUPPLIERS

10 000

REFERENCES

42

BUYERS

17

MANAGERS / TECHNICIANS
/ SQA ENGINEERS

34

DELIVERY POINTS

GDL Circuits



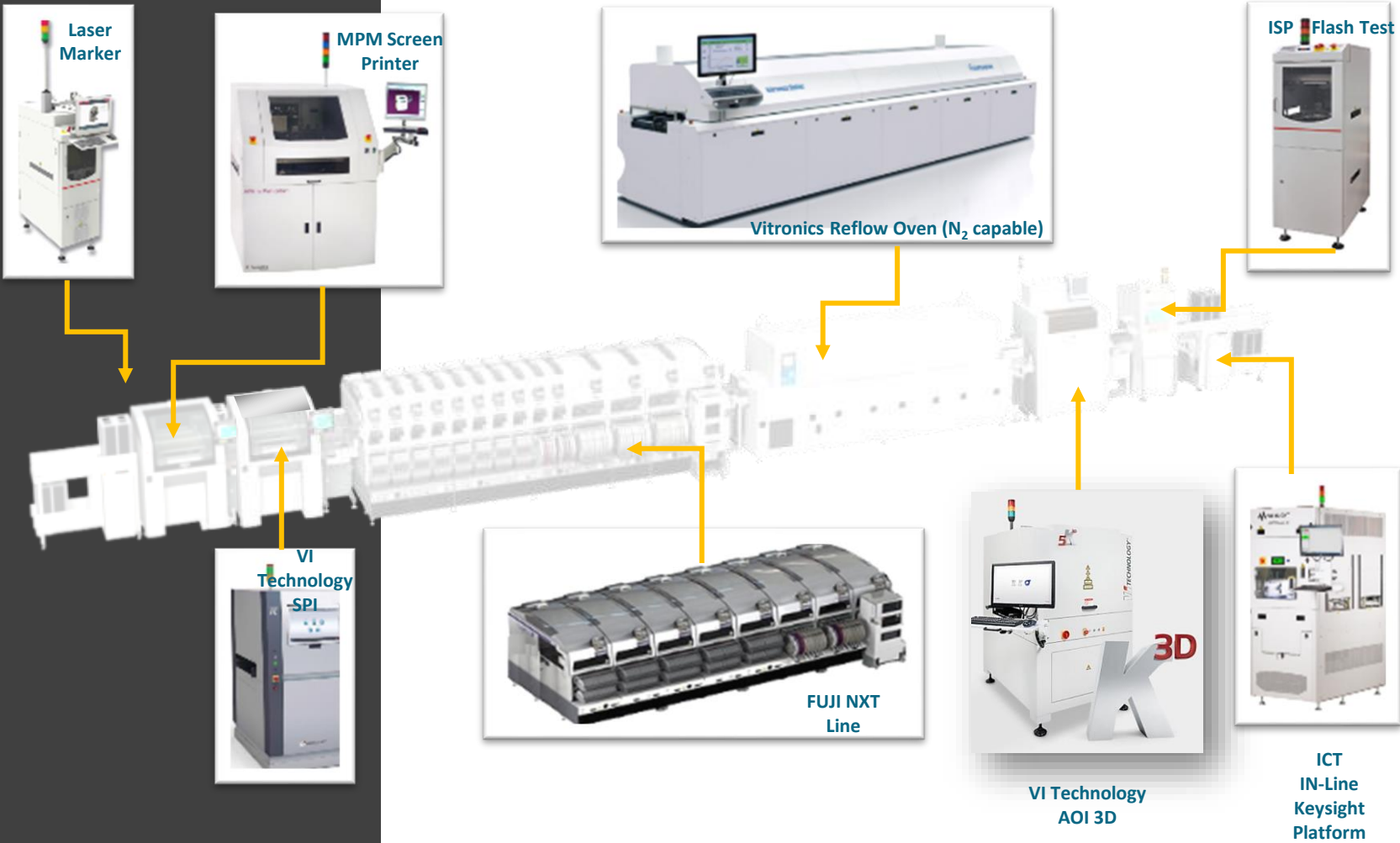
A solution for the American market

Created in 2018 to meet the growing needs in electronics of the American continent, GDL Circuits assists its customers on the North American market in subcontracting their medium and large series, relying on the industrial and automotive excellence of the group's other sites.

- 230 employees
- 6,8 M€ turnover
- 2 SMT lines
- « Single-digit ppm » policy
- 7.000 finished products daily
- 8.000 m2



All-in-one SMT line



Back-end equipment

Cencorp
Automated
Milling



Cencorp
Automated Packing
Equipment



Back-end equipment

Nordson – Conformal coating 100%
Automated line



Nordson
Coating machine



Nordson
Curing modules

Back-end equipment

Soldering line

Versa Flow 445
Selective Wave
Solder



Cencorp
Automated milling
machine





Flexible or dedicated automated solutions



Housing



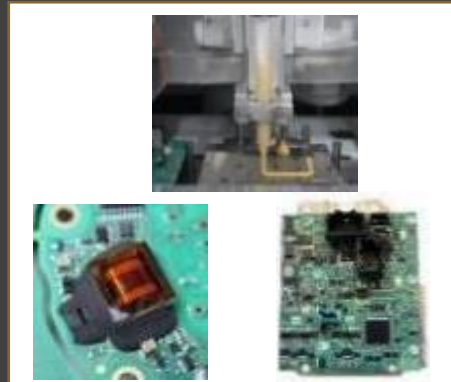
Crimping



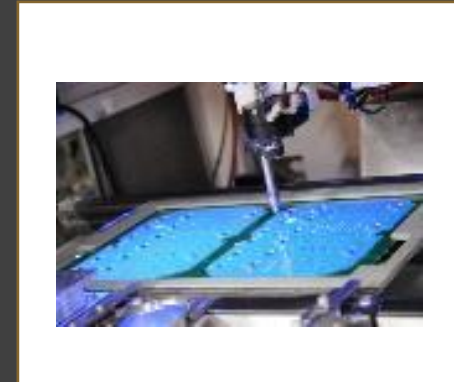
Screwing



Cooling



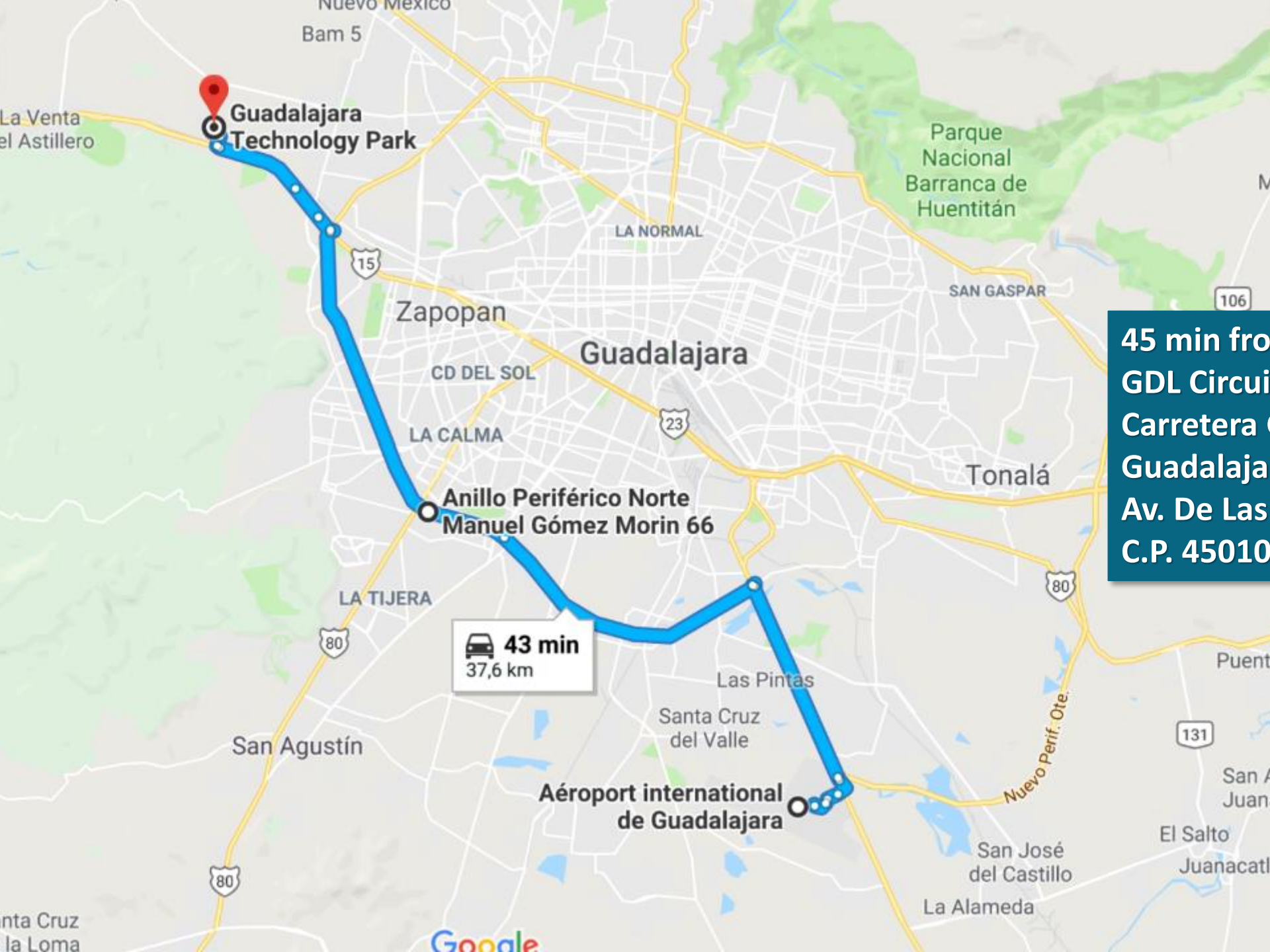
Gluing



Coating



Automated packaging

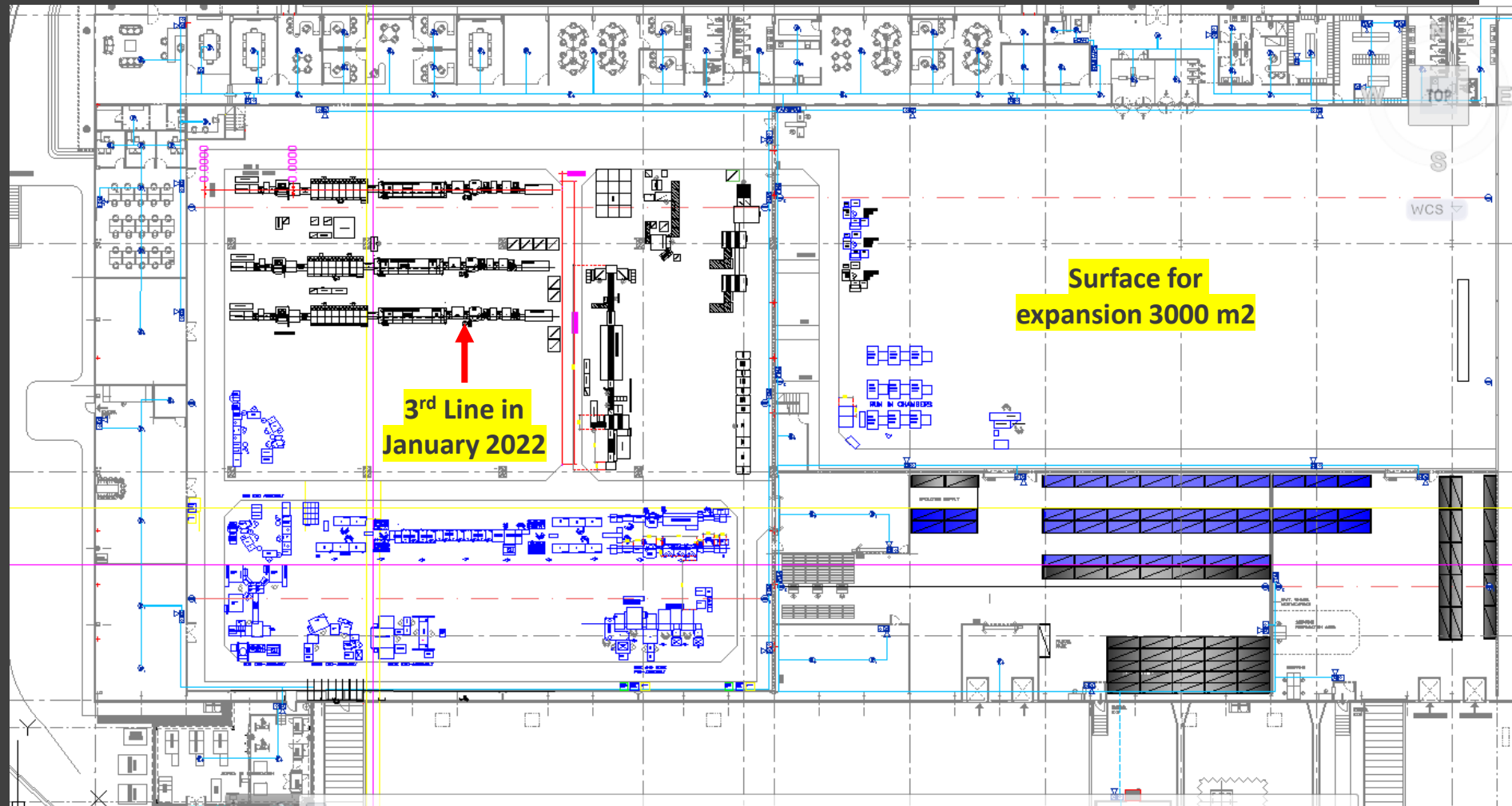


45 min from the airport:
GDL Circuits
Carretera Guadalajara-Nogales -
Guadalajara Technology Park
Av. De Las Américas 224
C.P. 45010, Zapopan, Jalisco, México

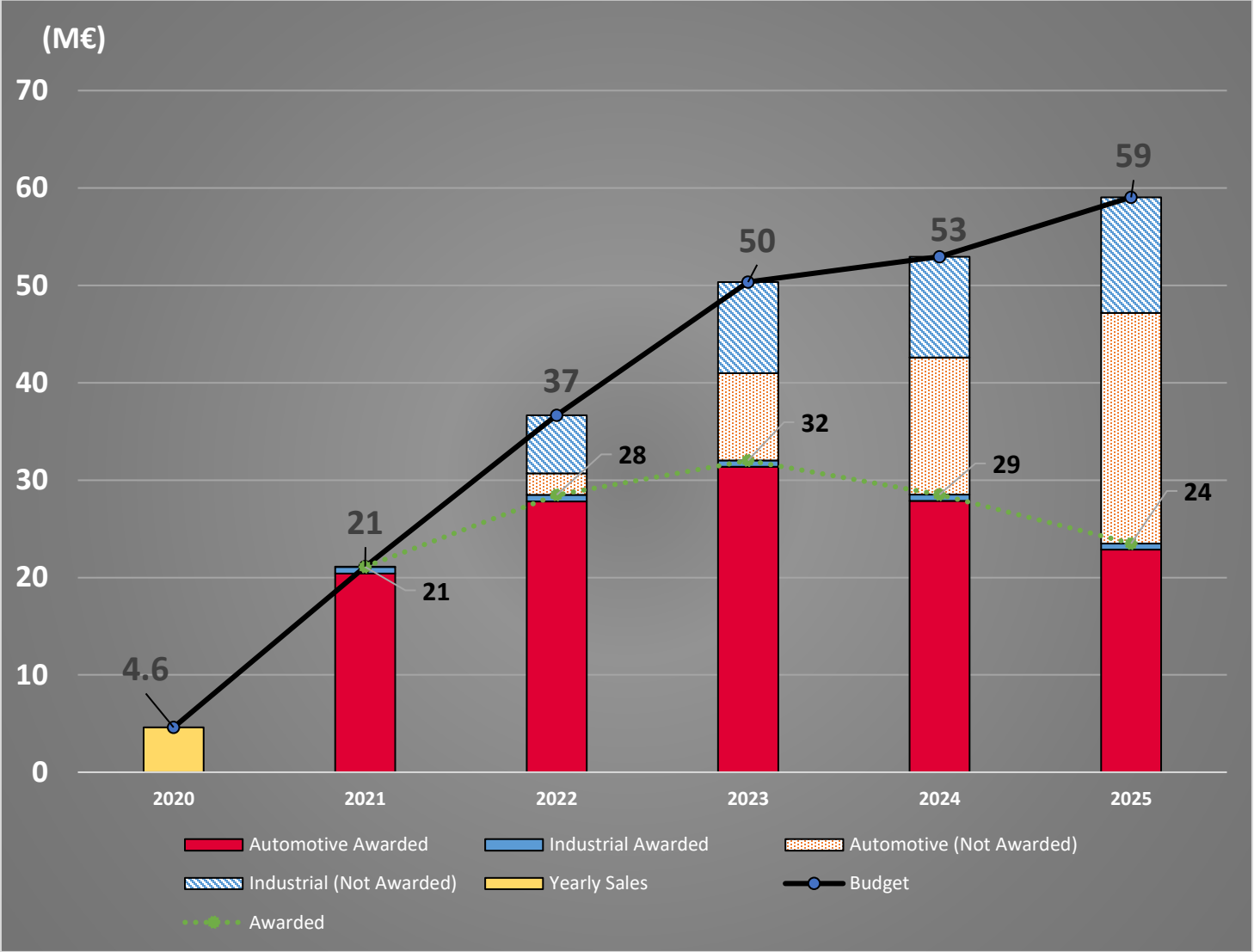
State-of-the-art equipement, a modern factory



Plant layout



2021-2025 Revenue vs Forecast



A recognised expertise





accelerate its
digital transformation



**“Why compromise when you can
have it ALL?”**

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