

# Cordon Electronics Italia S.r.l.

Company Profile – December 2023

### Cordon Group **figures**

Reference year 2022

**8** countries

**26** sites

**2800** collaborators worldwide

**282** M€ Turnover



### Cordon Group **around the world**



# Cordon Electronics Italia in brief

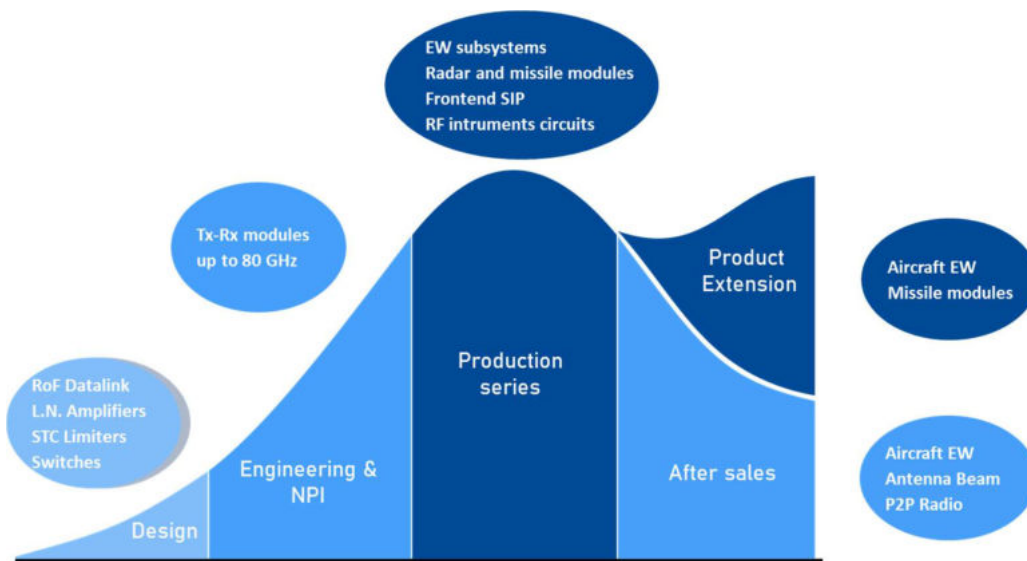
## Profile

Located in Milan area with over 30 years of Microwave experience, Cordon Electronics Italia is an EMS for full product lifecycle management in **Defense and Industrial** markets.

The company operates in Agrate Brianza and has a staff of about 100 employees.

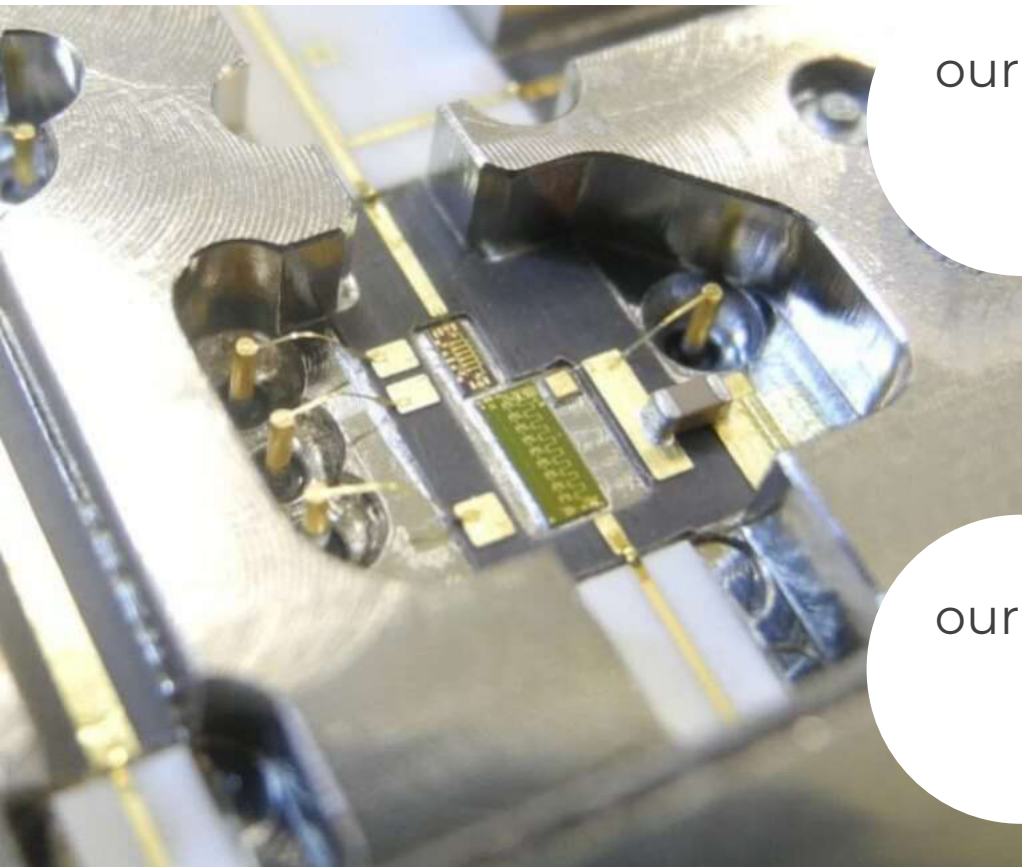
The business level is currently about 11 to 12 M€ per year.

Main markets are Italy, France, Germany and UK.



## an integrated **Microwave EMS**

Cordon Electronics Italia is a service provider for design, engineering, manufacturing and repair services, of microwave components, modules and sub-systems.



## our **Mission**

### **Design to delivery**

Our mission is to take customer design or specifications and make it mesh seamlessly with real world manufacturing processes, moving from working prototype to microwave finished products.

We build top quality microwave custom parts and subassemblies for our customers, guiding their concept from design to delivery.

By our **“D2D philosophy”**, we help fulfill a fundamental market need for value stream management and optimization.

## our **Vision**

### **The niche EMS**

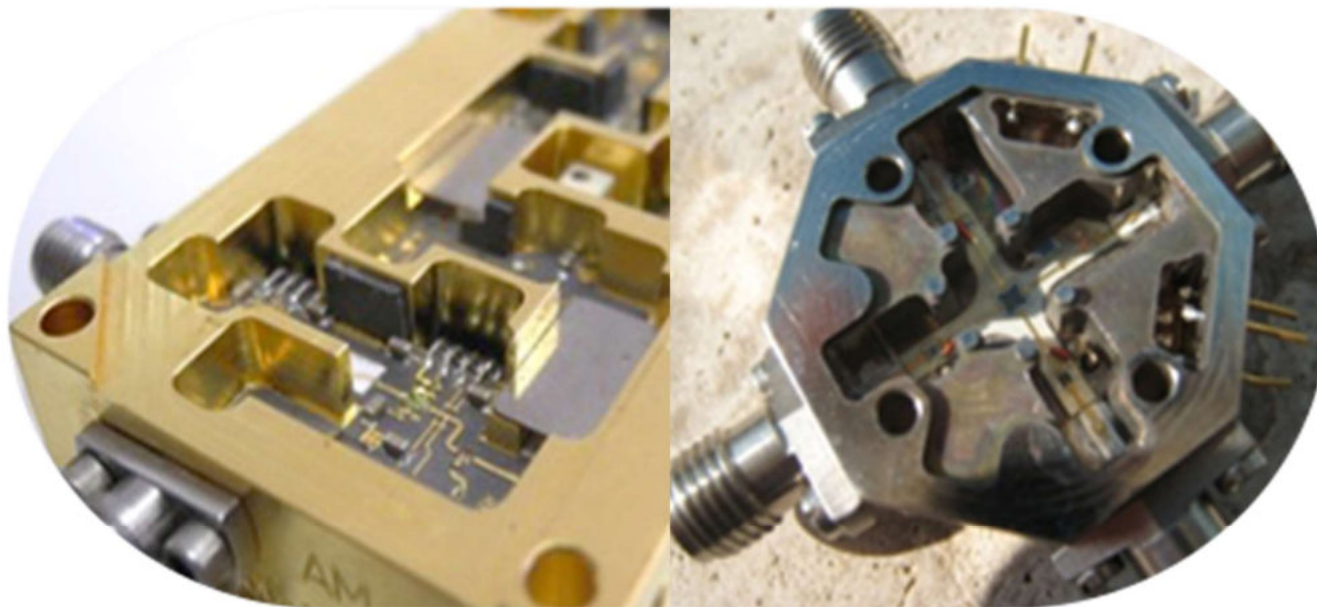
Become the most trusted microelectronics partner for design, technology, supply chain, manufacturing and after sales solutions in high value-added electronics industries.



## Packaging and integration

Cordon Electronics offers **microwave chip&wire** packaging and integration services (from components to subsystems), providing turnkey solutions from samples up to production.

Our flexible platform includes custom design, engineering, manufacturing, after sales and supply chain management.



Build-to-spec customized solutions can be provided starting from Customer specifications, including electrical, thermal, mechanical and layout design of single or multi-function microwave components or modules.

On request, ITAR-free solutions may be performed

## RF Design

# Design Capabilities

Built-to-Spec solutions

## Components

- Packaging up to 90 GHz System-in-Package
- Chip-on-substrate

## Modules

- Digital controller attenuators amplifiers, limiters, mixers, switches, transceivers, Voltage Controlled Oscillator (VCO)
- TX-RX transceivers

## Sub-systems

- Integration and test of MW complex devices (i.e. Switching matrix, etc.)



## Contract Manufacturing

With thousands of units manufactured for worldwide customers, Cordon electronics Italia is the reliable partner to outsource low and mid volume production, from single devices to complex subsystem integration of Microwave components. An engineering team assist customers from New Product Industrialization (NPI) to Build-to-print volume production.

## Supply Chain Management

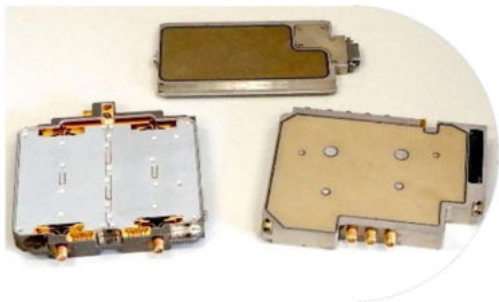
Cordon Electronics provides extensive supply chain solutions, including materials free-issued by Customer or full material sourcing and supplying.

## After Sales Support

Long term support agreement for repairing can be provided, including obsolescence management for components.

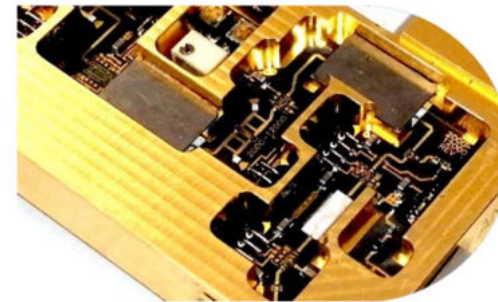


# Main Applications



## Defense

- EW Counter measure subsystem → Airborne, Naval
- Transmitter & Switching → Missile system ground station
- RF Components → Missile mounted
- TX-RX modules for Radar applications → Airborne and Naval
- TX-RX MW complete subsystem → Naval
- MW Antenna Beam → Ground



## Industrial

- MW modules up to 42GHz → Test instruments
- E-Band SIP (80 GHz) TX-RX → Point to point Radio
- D-Band SIP proto (150 GHz) TX-RX → Point to point Radio
- 5G SIP proto → New generation Radio
- RF custom connectors and semi rigid cables → TLC
- Equipped fiber glass box → Middle voltage energy meter



## ISO 9001:2015

CERTIFICAT  
◆  
CERTIFICADO  
◆  
CERTIFIKAT  
◆  
CERTIFICATE  
◆  
認定證書



**CERTIFICATO**  
Nr. 50 100 16796 Rev.001

SI ATTESTA CHE / THIS IS TO CERTIFY THAT

IL SISTEMA DI GESTIONE PER LA QUALITÀ /  
THE QUALITY MANAGEMENT SYSTEM OF

**CORDON ELECTRONICS ITALIA S.r.l.**

SEDE LEGALE E OPERATIVA /  
REGISTERED OFFICE AND OPERATIONAL SITE:

**VIA SAN MARTINO 7  
IT - 20864 AGRATE BRIANZA (MB)**

È CONFORME AI REQUISITI DELLA NORMA /  
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF:

**UNI EN ISO 9001:2015**

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE /  
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE OF APPLICATION:

Progettazione, produzione, riparazione e assistenza di moduli,  
componenti, sottosistemi e sistemi a microonde e onde millimetriche.  
Erogazione di servizi tecnologici, produzione e assistenza di  
componenti e unità di interconnessione (AP 19)

*Design, manufacture, repair and service of microwave and millimeter  
wave modules, components, subsystems, and systems. Provision of  
technological services, manufacture and service of interconnection  
components and units (AP 19)*

Per l'Organismo di Certificazione:  
For the Certifying Body

**ACCREDIA**  
TUV Italia S.r.l.

SGQ N° 3484

Scadenza della Certificazione / Expiry Date:  
31.03.2025

Validità / Validity

Da / From: 2023-04-23

A / To: 2025-04-22

Data emissione /  
Issuing Date:  
2023-03-28

*Francesco Scatella*  
Direttore Tecnico Sistemi Assistenza  
Business Development Manager

PRIMA CERTIFICAZIONE / FIRST CERTIFICATION: 2011-06-15 (INFERIOR AL TECNICO) ISSUED BY OTHER CA

La validazione è stata effettuata in conformità ai requisiti della norma EN ISO 9001:2015. L'assessment was performed in accordance with the requirements of EN ISO 9001:2015. TUV Italia is accredited under the control of the ICSF System. CERTIFICATION STRUCTURE: SINGLE SITE. QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE. THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE.

ZERTIFIKAT  
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CERTIFICATE  
◆  
認定證書

TUV Italia • Gruppo TÜV SÜD • Viale Pulcinella, 10/14 • 20123 Milano • Italia • [www.tuvitalia.com](mailto:www.tuvitalia.com)

## EN 9100:2018

CERTIFICAT  
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CERTIFICADO  
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CERTIFIKAT  
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CERTIFICATE  
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**CERTIFICATO**  
Nr. 50 100 16481

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Progettazione, produzione e riparazione di componenti, moduli e  
sottosistemi a microonde per i settori Difesa ed Aerospazio (AP 21, 19)

*Design, manufacture and repair of microwave components, modules  
and sub-systems for the aerospace and defense sectors (AP 21, 19)*

CERTIFICAZIONE RILASCIATA IN CONFORMITÀ AL REGOLAMENTO TECNICO ACCORDATO A1-10  
CERTIFICATION ISSUED IN ACCORDANCE TO ACCORDIA TECHNICAL REGULATION A1-10

Per l'Organismo di Certificazione:  
For the Certifying Body

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## Environmental Authorization: AUA nr. 619/2020



## **Cordon Electronics italia s.r.l.**

Via San Martino, 7 – 20864 Agrate Brianza (MB) – Italy

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