

 **SCP SINTERSA**
ALA Group

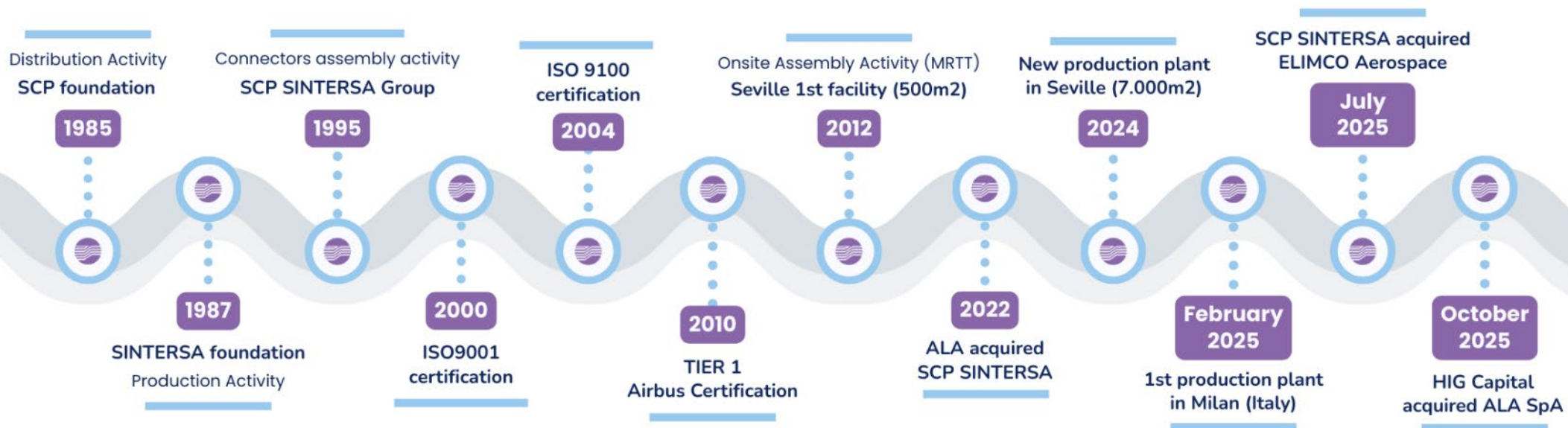


 **SCP SINTERSA**
ALA Group

Together, we connect

OUR HISTORY

- SCP SINTERSA designs, manufactures and supplies **electrical interconnection components and systems** for professional applications in harsh environments.
- Our team has **40 years of experience** in the **Aerospace, Defence & Railway/Industrial markets**.
- SCP SINTERSA joins Italian company **ALA** becoming one of the **largest European providers of high-performance systems of electrical interconnection**.



LOCATIONS & ACTIVITIES

MADRID

- Distribution & Warehouse
- Purchasing & Sales
- Engineering & Project Management
- Quality Control
- Connectors Assembly
- Harnesses Manufacturing



Office: 500 m²



Aeronautical production: 1000 m²



Defence production: 1000 m²



Railway/Industrial production: 500 m²



Main warehouses: 2000 m²

TOTAL: 5000 m²



LOCATIONS & ACTIVITIES

SEVILLE

- Production & Warehouse
- Engineering & Project Management
- Quality Control
- Assembly: San Pablo, Tablada
- Services: Tooling tests



TOTAL: 7000 m² (2 production plants)



LOCATIONS & ACTIVITIES

MILAN



- Production & Warehouse
- Engineering & Project Management
- Quality Control
- Services: Tooling tests

TOTAL: 2400 m²



MARKETS

AEROSPACE (CIVIL)

● INTERIORS

- Onsite Assembly
- Cabin wiring
- Electrical benches
- Aeronautical systems

● UAVs

● EVTOL



DEFENCE

● AEROSPACE

- Electrical spares
- Weapon systems
- Missiles
- UAV
- GLU System harnesses

● GROUND

- AGVs
- Military ground vehicles
- Fire control systems
- Tactical communications

● NAVAL

- Naval Ships
- Frigates
- Submarines



SPACE

● Launchers

● Orbital Stations

● Satellites

● Shuttles

● Military Missions' Systems



INDUSTRIAL



● RAILWAY

- Traction/brake Master controllers
- Auxiliary control units
- DC contactors

● AUTOMATION

- Food & Beverages
- Machinery & Tools

● NEW ENERGY

- EVs
- Renewable energies

STRATEGIC BUSINESS UNITS

DISTRIBUTION

MIL/AERO and performance interconnection components' distribution

Connector's assembly
(value added activities)

Specific interconnection components' development and manufacturing

PRODUCTION

Wiring and interconnection systems manufacture

Build to print
Manufacturing according to customer design

Development and manufacture of specific systems with own documentation

Turnkey Projects

ONSITE ASSEMBLY

Wire Harnesses

Repairing

Electrical Tests

STRATEGIC BUSINESS UNITS



DISTRIBUTION

STRATEGIC BUSINESS UNITS - COMPONENTS

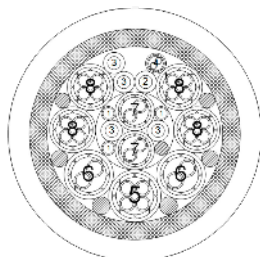
DISTRIBUTION & MANUFACTURING SERVICES

The **know-how** of our professionals provides **value added** to each of the products we manufacture and / or distribute, always seeking the best option for our customers.

Connectors



Special Cables



Shrinkable material



Wire identification



Connectors Accessories



Harness Accessories



Command & Control Equipments



Centrals, Boxes & Equipment



CONNECTORS ASSEMBLY



STRATEGIC BUSINESS UNITS - DISTRIBUTION

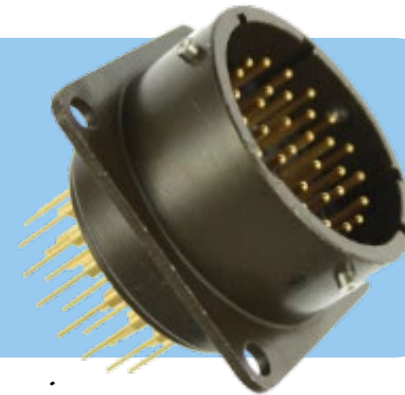
CONNECTORS' ASSEMBLY



MIL-C-5015
Threaded - SCP/MS
Bayonet - SCPB - VG95234



MIL-C-26482
SCPT - VG95328



MIL-DTL-38999
Connectors SCPTV



ITT VEAM CIR
MIL-C-5015 - Bayonet
VG95234



EXPRESS
delivery service



STRATEGIC BUSINESS UNITS



PRODUCTION

STRATEGIC BUSINESS UNITS - PRODUCTION

WIRE HARNESS DESIGN & INTEGRATION: AEROSPACE

- **Airbus Defence & Space's** certified quality delegation.
- **Electric stapler** certified team.
- Aerospace **Soldering** Certification.
- **Laser marking** of electrical wires.
- Aerospace **Overbraiding**.
- **Aeronautical stations**.
- **Electrical continuity** and insulation test of 100% of our products.
- **Internal metrological** confirmation system.
- Certified to develop **manufacturing** routes.

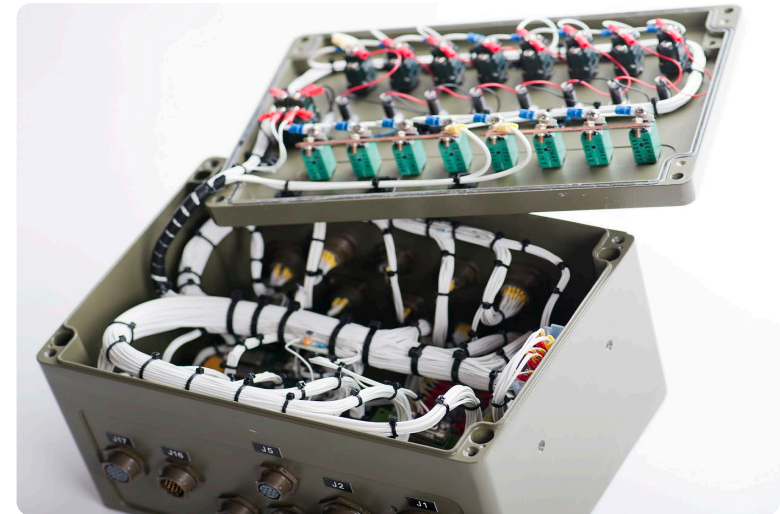


- **Certified by Airbus Defence & Space** for electrical manufacturing.
- **Aeronautical requirements** are implemented on all organizational levels, consolidated and audited monthly.
- **First article inspection** process.



WIRE HARNESS DESIGN & INTEGRATION: DEFENCE

- **Adverse condition** harnesses.
- **Weatherproofing** and **temperature resistance** ranging from -55°C to 150°C / 200°C .
- **Resistant** to hydraulic fluids and hydrocarbons.
- **Tactical field-wiring** deployment systems.
- Satellite Communications **Racks**.
- Electrical distribution **boxes**.



WIRE HARNESS DESIGN & INTEGRATION: RAILWAY/INDUSTRIAL



- **Special wiring** for industrial applications.
- **Coaxial communication** wiring.
- **Assembly** of coax, triax and quadrax cables.
- **Power cable** harnesses.
- EMI / RFI **shielding** cable.
- **Electrical boxes** and **watertight decks**.
- **Rugged fibre optic** solution.
- **Vibration-proof** cable wiring.
- **Zero-Halogen, low smoke self-extinguishing** wire harness.
- **UIC approved** material.
- **Crimp terminals** and **power contacts**.
- Multiple railway **manufacturer's certifications**.
- **Electric control** and **power harnesses**.
- **Master** traction / brake **controllers**.
- Communication wires for **signalling and rail safety**.

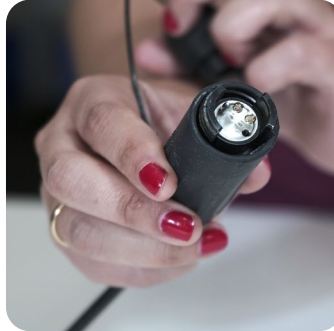


STRATEGIC BUSINESS UNITS - PRODUCTION

FIBER OPTIC HARNESS DESIGN & MANUFACTURE

LARGEST AND MOST DIVERSIFIED PRODUCT PORFOLIO

- Singlemode
- Multimode and Hybrid fiber cable
- High density connectors
- Physical and Expanded beam contacts



LARGEST AND MOST DIVERSIFIED PRODUCT PORFOLIO

- Large stock of fiber optic cables: from 1 to 48 fibers
- Fast delivery service
- Exhaustive quality control processes
- Low rejection rates

PRODUCTS

- MIL-TAC solutions for Aerospace and Defence
- Fibre / copper hybrid assemblies
- Custom designs
- Wide range of deployable cable reels
 - Pigtail Cables (inside the box)
 - Ruggedized Transceiver and media converters



CONNECTORS ASSEMBLY

- | | |
|-----------------|-------------|
| • D38999-III | • HMA |
| • MIL-STD-26482 | • CTOS |
| • MIL-5015 | • MPO |
| • Eurocom II | • MTP FIELD |

STRATEGIC BUSINESS UNITS - PRODUCTION

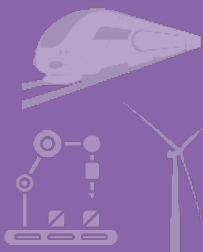
DESIGN & MANUFACTURE INTERCONNECT SYSTEMS



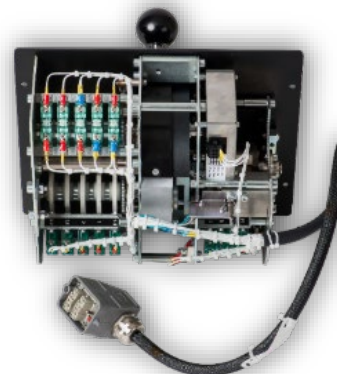
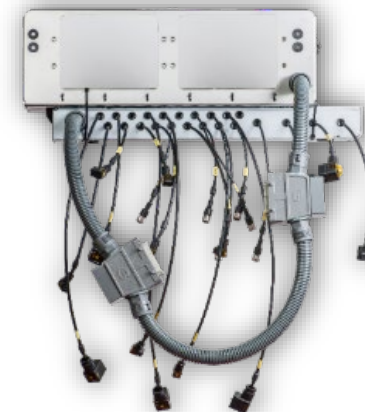
- Relay box – AIRBUS 319
- Central Unit – A-330 MRTT & C295
- Test Benches rack avionic
- GCU power control boxes



- Communication racks
- Distribution box SIAC 155/52
- Control boxes for Millenium and Vulcano turrets.



- Distribution systems
- Master controllers
- Control panels



STRATEGIC BUSINESS UNITS



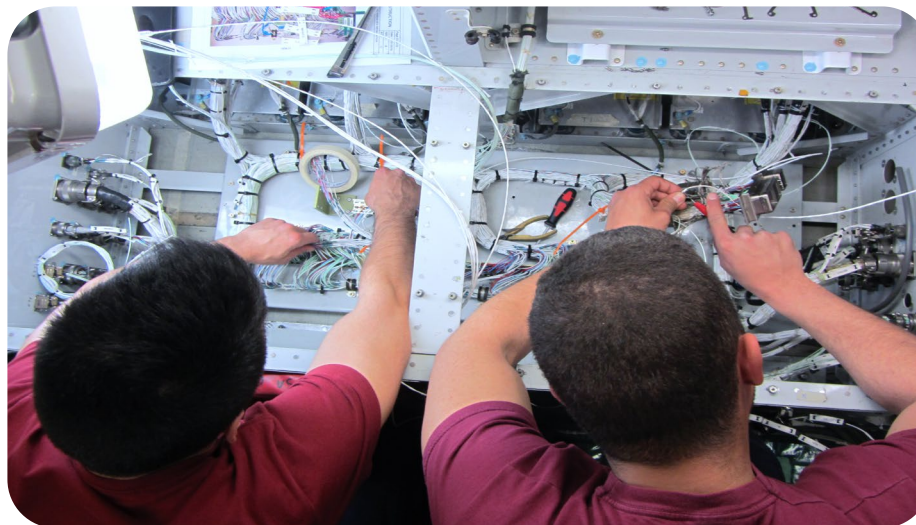
ONSITE ASSEMBLY

STRATEGIC BUSINESS UNITS – ONSITE ASSEMBLY

AERONAUTICAL & SPACE ASSEMBLY

A400M – A330 MRTT – C295 – MIURA 5

- Electrical assembly
- Automated wire harness testing
- Manual pin to pin testing
- Mechanical and electrical repair work
- Decommissioning of obsolete panels
- Installation of updated panels



DEFENCE ASSEMBLY

DEFENCE VEHICLES – S80 SUBMARINE

- Mechanical design and assembly
- Equipment redistribution
- Wiring design and installation
- Manual pin to pin testing

PURCHASING



- Distribution and production components **synergy**.
- Single source for **negotiation** of prices and deadlines.
- **Financial capability** for purchasing and project development.
- **Stock planning** to satisfy our clients and market demands.
- Strong relationship with the **main international manufacturers** regarding interconnection.

Amphenol

cannon

TE
connectivity

fischer
CONNECTORS

connectors

SCHALTBAU

smiths
interconnect

molex

cinch
CONNECTIVITY SOLUTIONS
a bel group

JAEGER
CONNECTEURS

HUMMEL

TENNECO

ABB

Switchcraft
GONXALL

Nexans

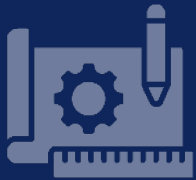
HUBBELL

encitech
KEEP CONNECTED

PIC
WIRE & CABLE

SCP SINTERSA
ALA Group

ENGINEERING



PRE-SALES CONSULTING SERVICES

- Client specifications analytical capability to carry out economic **proposals for cable manufacturing**.
- **Technical offers** for more than 750 clients per year.
- Wiring and connectors **technical product advise**.

WIRING DESIGN

- **Advanced software tools** such as MS Visio, TE Hardware, CATIA V5, Draftsight and IGE-XAO.

INDUSTRIALIZATION

- **Technical documentation** for cable manufacturing execution.
- Wiring diagrams, material lists, formboards, checklists...
- **Electrical manufacturing routes**.

DELEGATED CUSTOMER ENGINEERING

- **SCP SINTERSA is qualified by Airbus Defence and Space** to carry out aeronautical routes and RP3 customer incidents resolutions.



QUALITY



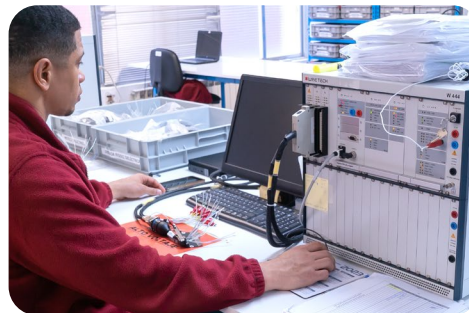
- **UNE EN ISO9001:2015** — Quality Management System
- **EN9100:2018** — Aerospace and Defence Requirements
- **PECAL-AQAP2110, 4ª ED.** — Military Requirements
- **NATO CAGE** — 267BB (SCP) / 1199B (Sintersa)
- **PART 145** — Aeronautical Assembly
- **AERONAUTICAL QUALITY MANAGEMENT SYSTEM SPANISH DEPARTMENT OF DEFENCE CERTIFICATION** — N° 9170
- **QUALITY INSPECTION DELEGATION IN ELECTRICAL FIELD** — Airbus D&S
- **PRODUCTION DELEGATION ENGINEERING** — Airbus D&S
- **IPC** — IPC/WHMA-A-620 / IPC-A-610
- **QUALITY COMPLIANCE** — General Dynamics SBS
- **QUALITY COMPLIANCE** — Siemens Rail Automation & Talgo Licenses



PRODUCTION: MACHINERY PORTFOLIO (I)

ELECTRIC TESTING MACHINES (W444, W629, W434 & W424-3)

- Continuity
- Short-circuit
- High Voltage
- Dielectric Strength
- Components Testing
- Braiding Test



ID SOLUTIONS & PRINTERS

- Thermal Transfer Tyco T3212 (x4u)
- Hot stamp
- Laser Marking (x4u)
- Dot-matrix (x3u)



HEAT SHRINK SYSTEM

- Mecalbi STCS-LC
- Memmert UFE400
- Vismara Associate BOG0F2
- Pol-Eko Aparatura SLW 115 STD



WIRE LASER MARKING

- Spectrum Technologies C50-300
- Laselec MRO 200
- Laselec Ulys Modena C60
- Laselec Ulys Modena 220SL



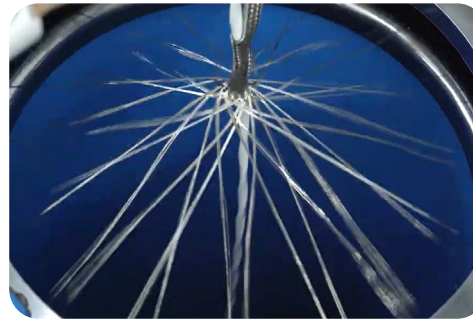
PRODUCTION: MACHINERY PORTFOLIO (II)

WIRE BRAIDING

Steel wire mesh bundles for customizable EMI protection.

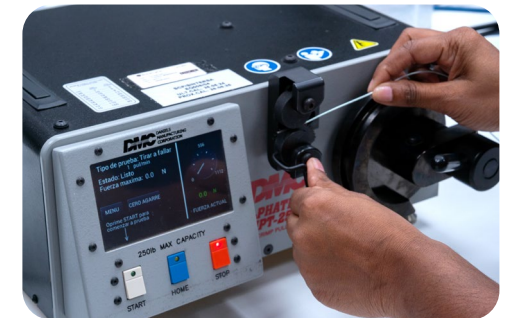
Maximum shielding with minimal weight.

- Spiraltex 24 drums overbraiding (x4u)
- Spiraltex 32 drums overbraiding (x4u)
- Spiraltex 48 drums overbraiding (x3u)



CONTROLLED TRACTION TOOL

- DMC NPT-250C ALPHATRON



COAX STRIPPING

- Schleuniger Coaxstrip 5500



METALLOGRAPHIC CUT

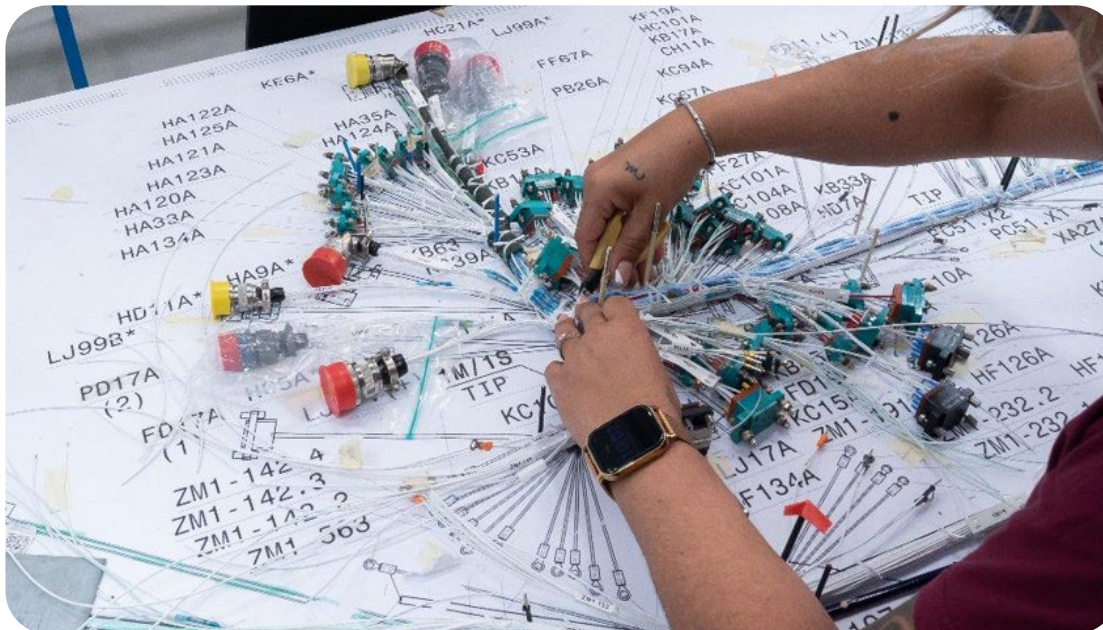
- Komax Smartetch



LOAD OF CAPACITY

Updated 21/01/26

- +485.000 hrs of capacity.
- +250 FTE in production.
- Ramp up capabilities in progress in all production plants.





SCP SINTERSA



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www.scpsintersa.com