

CHECK OUR COMPETENCES

CHOOSE YOUR INSERTION POINT

at a glance



ENG&SUPPORT

aviation approvals
MS certification
MRO support



ILS Engineering

ICT for logistics (SW products & services)
RAMS/T, FMECA,
LSA/LCC ...



ILS Support

Tech. Publications
Training (traditional and technology based)



MECHANICAL MFG

aerostructures
engines
space
systems
HT & NDT



ELECTRICAL MFG

power system
signal&data
testing

COMPOSITE MFG & MATERIALS

design&engineering
autoclave processing
filament winding
compression moulding
material testing
thermoplastic matrix composite



TESTING

testing
qualification
certification



member of



the synergy of Companies and a qualified network to grow up

international partnership

enterprise network for MRO and aerospace services



Helicopters Emergency
Equipment
Fuel Tanks OEM

System Dependability
Safety Analysis
Logistics Support Analysis



ItalConsul S.r.l.



ALTAIR (Consortium)

Integrated engineering, ILSE &
manufacturing

Avionics equipment:
Design, manufacturing &
qualifications
Minor & Major changes design
MRO



LEAT S.p.A.



Blue Magic S.r.l.

Airline Catering equipment
Electronic boards assembly

Data Acquisition System



Leonardo Sistemi S.r.l.



EDA INDUSTRIES S.p.A.

Burn-in & test systems
Ess Chambers
Ate Automatic Test Equipment
DAS Data Acquisition Systems

ATE Automatic Test Equipment
GSE Ground Support Equipment
Reverse engineering



LTG Elettronica S.r.l.



Giannuzzi S.r.l.

Interiors

ILSE
Technical documentation
Training



Se.Te.L.
Servizi Tecnici Logistici S.r.l.



Heli Aero Consulting S.r.l.

Aviation consulting services
Training
Management consulting

Rapid Prototyping
Direct digital manufacturing-
Reverse engineering



Unoauo S.r.l.



HRD Aero Sekur S.r.l.

Emergency Equipment MRO



HERE WE ARE



member of



SECTORS

ONE FOCAL POINT



AEROSPACE



NAVAL



RAILWAY



AUTOMOTIVE

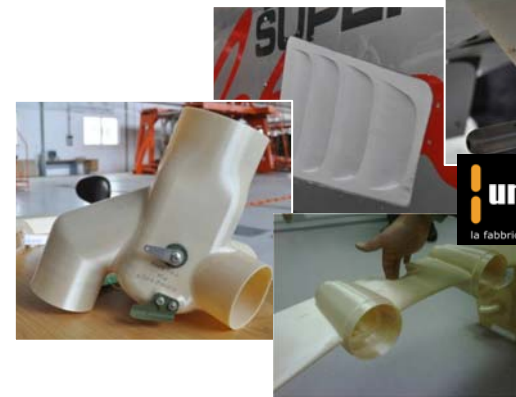


AERO SEKUR

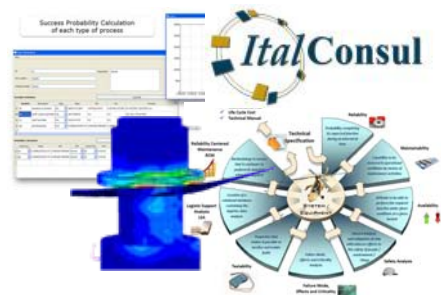
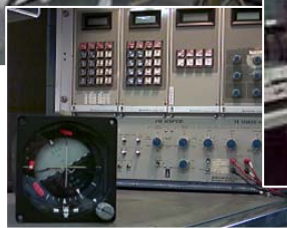
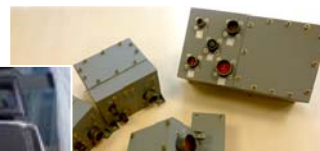
blue Magic

LEONARDO
sistemi

unoauno
la fabbrica dei tuoi progetti



HRD AERO SEKUR



LT
ELETTRONICA

CHECK OUR COMPETENCES

MECHANICAL MANUFACTURING



PRODUCTS



AEROSTRUCTURES



ENGINES



SPACE



SYSTEMS



ASSEMBLY

CNC Milling:

- 5 axis Ultra high speed
 - 4 axis
 - 3 axis
- up to 8000x3000 mm*

CNC Turning

- *up to $\varnothing$ 600 mm*

Special processes:

EDM

Heat treatments

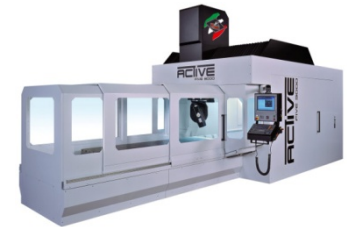
NDT:

- magnetoscopy
- penetrant liquid
- Hardness test (NADCAP)
- Conductivity (NADCAP)

CMM measurement

up to 8200x2500 mm

EQUIPMENT



at a glance

CHECK OUR COMPETENCES

COMPOSITE MANUFACTURING & MATERIALS



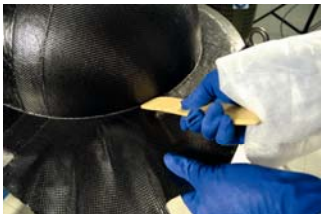
PRODUCTS



AEROSTRUCTURES



AUTOMOTIVE COMPONENTS



RADOMES

RAILWAY INTERIORS

other ...

New thermoplastic material



Excellent weight/mechanical resistance ratio

Cost effective serial production

High fiber concentration: 65%-70%

No autoclave required

Fully recyclable in downgrading

Pre-preg with long shelf life



AUTOCLAVE (5)

up to $\varnothing 4500 \times 4000$ mm

FILAMENT WINDING

up to $\varnothing 8000 \times 1600$ mm

COMPRESSION MOULDING

up to 150 T

CNC MACHINES (3, 5 axis)

moulds milling

ROBOTS (2)

prepreg trim

drilling

CLEAN ROOM

450 sqm

LAMINATION LINE

1500 mm width

QUALITY CONTROL

3D Optical scanner

Laser scanning

Faro testing

NDT

Ultrasonic

Thermal scan

Tap test

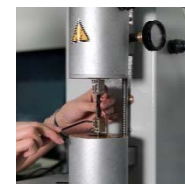
MATERIAL TESTING LABORATORY

50 kN Dynamometer

DMA Analyzer

Muffle furnace

EQUIPMENT

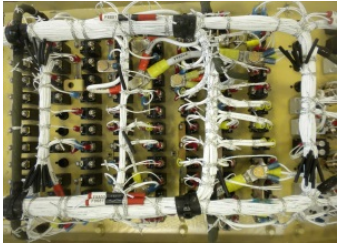


at a glance

CHECK OUR COMPETENCES

ELECTRICAL MANUFACTURING

PRODUCTS

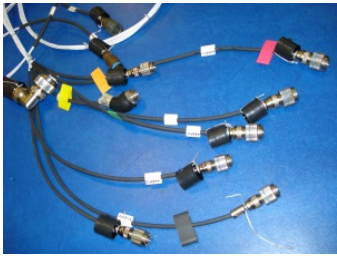


FOR POWER SYSTEMS

aircrafts main distribution

FOR SIGNAL & DATA TRASMISSION

coax, triax, quadrax, data-bus



FOR ENGINES

standard and critical wiring solutions

FOR SWAMP AREAS

sealed and molded products

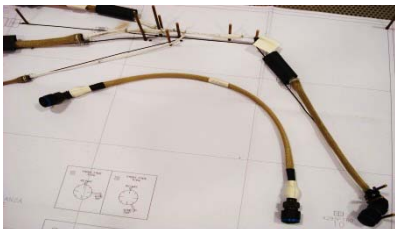


FOR INTERIORS & SEATS

infotainment and adjustment connections

FOR RIG & TEST SETS

ground tooling for tests



CUTTING & MARKING

SPECTRUM TECH. Wire laser markers

SOFTWARES

CATIA V5

ZUKEN E3 SUITE

INTERNAL MANAGEMENT SW

CRIMPING & SOLDERING

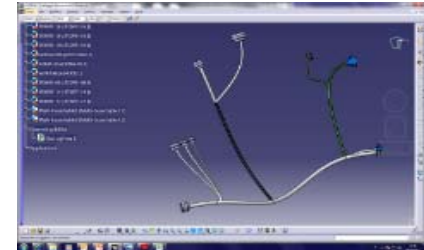
Wide range of pneumatic, hydraulic and manual crimping tools.

Several soldering stations.

FUNCTIONAL TEST

DIT-MCO analyzers up to 8000 test points

at a glance

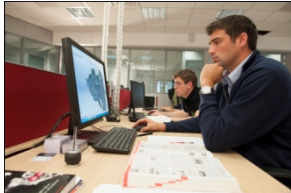


CHECK OUR COMPETENCES

ENGINEERING, ILSE & TRAINING



SERVICES



DESIGN & DEVELOPMENT
PRODUCTION ENGINEERING



INTEGRATED LOGISTIC
SUPPORT ENGINEERING

ORGANIZATIONS &
PRODUCTS APPROVAL
SUPPORT



MRO SUPPORT
QUALITY MANAGEMENT

SAFETY MANAGEMENT
SYSTEM

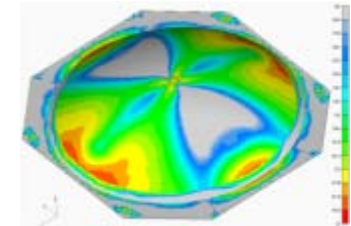
TECHNICAL
DOCUMENTATION

TRAINING



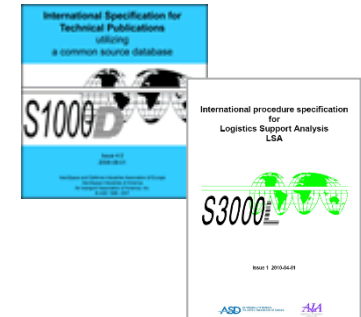
DESIGN TOOLS

- CATIA V5
- Solidworks
- FEM (Femap)
- CFD (StarCD)



ILSE TOOLS

- Technical Pubs
S1000D suite
- 1388 & S3000L
LSA Workbench
- Stand Alone
SCORM Browser



TRAINING

- Classroom &
Technology Based
Training
- E-learning



at a glance

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the synergy of Companies and a qualified network for a 360° service
to grow up

