

Company Presentation



Località Miole sn

67063 Oricola (AQ)

P.IVA e C.F. 01630010666

Tel +39 0863909003

Fax +39 0863907616

e-mail: info@ferraribsn.com

Web: www.ferraribsn.com



INVESTIMENTI

ELETTRONICA, MECCANICA e MICROMECCANICA

Proprietaria di processi **MICROELETTRONICI** che permettono l'utilizzo di componenti in DIE per la realizzazione di dispositivi miniaturizzati hi-tech.

STRUTTURA AZIENDALE

Insedata in un moderno stabilimento, ad Oricola (AQ), con macchine ed attrezzature **CAE/CAD/CAM** di ultima generazione, utilizzabili per produzione di prodotti e per prestazione di servizi.

KNOW-HOW

Sviluppo, Progettazione, Ingegnerizzazione, Industrializzazione e Fabbricazione, hardware e software di sottoassiemi, assiemi, unità e sottosistemi "Special Equipment".

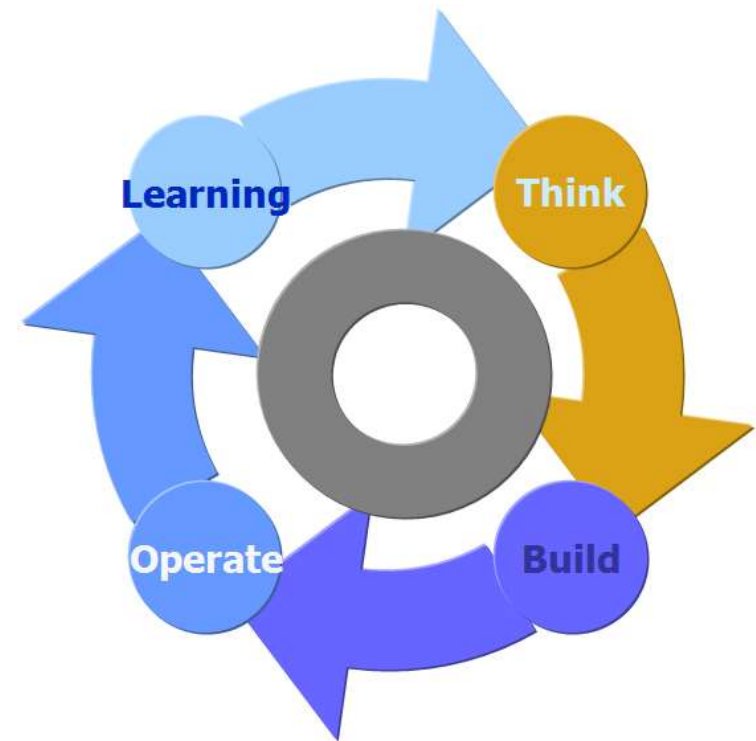
Disponibilità di **prodotti** ingegnerizzati.

L'azienda nasce con l'obiettivo di sviluppare prodotti "Hi-Tech" per il settore militare, industriale ed automotive.

Per questo motivo si è dotata delle strutture necessarie per le attività di progettazione, sviluppo e produzione.

L'azienda è in grado di offrire i seguenti servizi:

- Progettazione CAE/CAD
- Costruzione Elettronica
- Costruzione Meccanica/Micromeccanica





Solder Paste Dispenser – 28.000 pts/hr



Pick-Test-Place – 6.000 chip/hr



Oven for Soldering Reflow – 14 zones

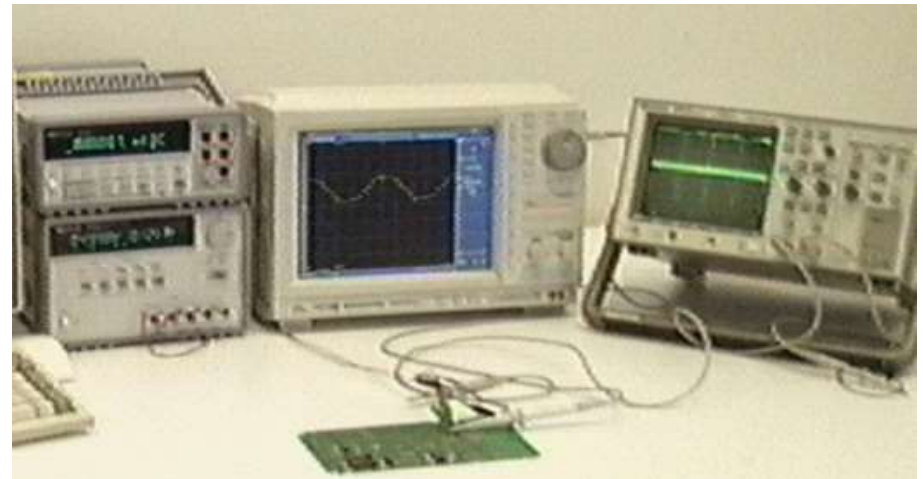
SMT/TH Rework Stations

Conformal Coating: Washing, Ion Contamination Test Set, Drying Oven

Climatic Chamber: T -75°C to +180°C, RH 10% to 98%



Multi Purpose Automatic Test Station



Battery Pack Test Station





Automatic Milling Machines – V & H

3 Axis Automatic Turning Machine

Manual Turning Machines

Cutting-off, Shearing, & Bending Machines

Welding Stations

Test Instruments

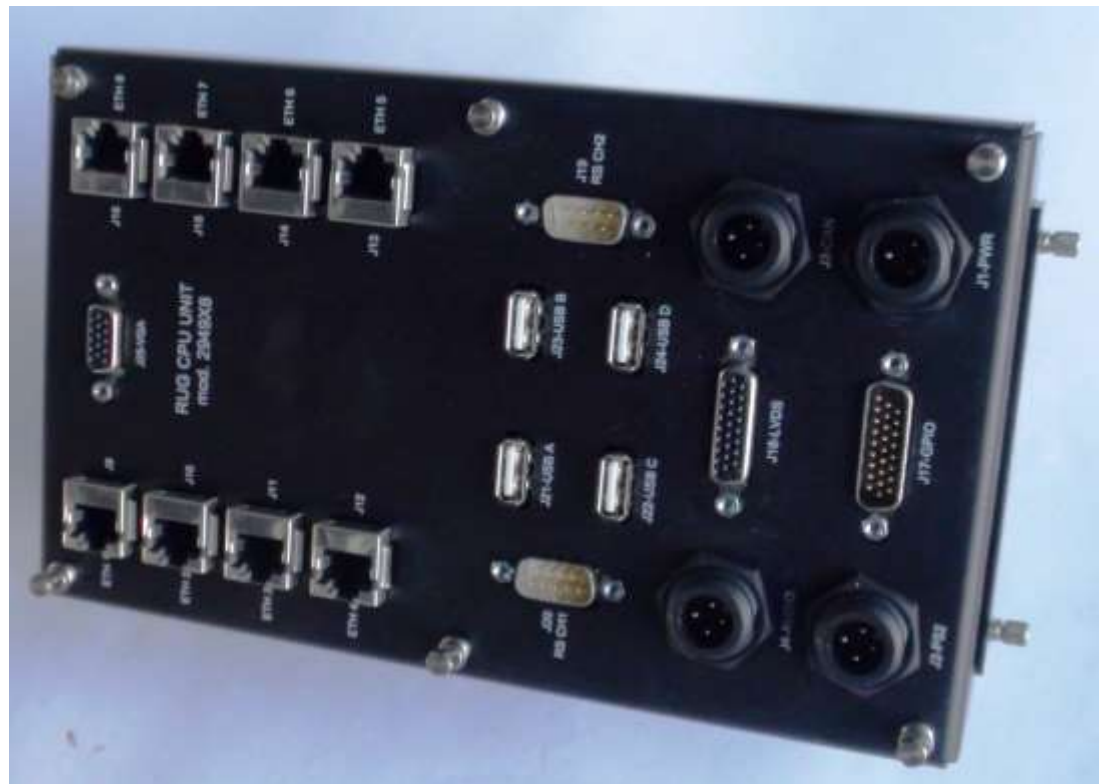


The display of this family are obtained from OEM LCD display to make them meet the requirements for different applications. They can be equipped with optical bonding and EMI protection and are also available in sunlight-readable versions; displays are available in sizes from 3.5" to 60".



These CPU units are based on PC standard modules and are available in industrial, automotive and military version. The CPU performance can be selected depending on the PC module used. The CPU may include an SSD drive and a CF card, both removable.

All I/O can be configured.



It is an Ethernet switch with a maximum of 9 ports, which includes PoE functionalities at the desired voltage.



Those are “field” CPU unit, based on microcontroller including a predefined number of I/O for the acquisition of digital, analog or resistive signals and for the generation of digital, power, static, impulsive, and/or PWM commands.



Are intelligent display to inform the public and to disseminate audio/video advertising, both for indoor or outdoor applications, available also in sunlight-readable version. The size of the display ranging from 10" to 60"; each display includes a CPU for the management of Info Show, preloaded or received from remote with wire or wireless connection.



It is a totem specialized to replace inside the pharmacies the information to the public concerning shifts of duty and at the same time spreading advertising messages.



These are systems that include a digital video recorder based on PC-class CPU and a set of IP cameras with IR illuminators. With this setting, the cameras are integrated into a LAN standard and the images recorded by the CPU are then made available in real-time or playback on the network, both locally and remotely.



Color cameras also equipped with IR illuminators, for indoor and outdoor applications, provided if necessary with video encoder for Ethernet connection.



Thermal camera for night vision, in the absence of light, provided also has with video encoder for Ethernet connection.



On pc platform multi-station has been built a Fleet Management System structured to manage hierarchical activities to command and control fleets. The system is able to realize the integrated management of land vehicles and/or naval (from a few units up to thousands of vehicles).

Peculiarities of the system is the creation, transmission and control of the Electronic Service Orders for each vehicles, thus replacing the voice or paper communication. The system is able to report real-time operational efficiencies and inefficiencies, also allowing the geolocation on cartography, voice communication and video control by the Control Center in order to check what is happening inside and/or outside the vehicle.

The operator at the Control Center may take direct control of each vehicle for its operational verification. For these features, each vehicle is equipped with an onboard device called Intellilink® for the management of audio/video/data communications and for geolocation. The system Intellilink® has the peculiarity of simultaneously handle different communication link, like long range radio, GPRS or satellite, or WiFi, to ensure that the in case of drop of the used link the communication is automatically replaced by another available link, without data loss.

The introduction of the Electronic Service Order allows the service certification. The system is designed to control fleets such as local transport, urban and/or non-urban public transport, airport fleets, private fleets, fleet of waste collection, etc ... For each of these applications it is sufficient to configure the system via sw both for vehicle number and for features.

FCC FLEET CONTROL CENTER OPERATIONAL PAGE - MAP

SRV PLNG | SRV MNG | VEH CONF | VEH MAINT | VEH FIN | INFO PASS | EMER | SYS

MAP | LINE | VEH SEL | LINE SEL | VEH SRCH

3rd Vehicle: QCT9
 Lat: 41.2096324
 Lon: 12.2176399
 Speed: 23.262470
 Alt: 224.9
 Vehicle installed on vehicle
 2012-09-01-03
 Device: Internet Connection
 Status: In Service
 Running: 0
 Alarm: 1
 VSO: Completed

VIEW CAM | VEH TRACE

WRN | ALM | VEH TAG

Search Vehicle

ID	Color	Name
1	QCT1	TEST VEH1
2	QCT2	TEST VEH2
3	QCT3	TEST VEH3
4	QCT4	TEST VEH4
5	QCT5	TEST VEH5
6	QCT6	TEST VEH6
7	QCT7	TEST VEH7
8	QCT8	TEST VEH8

Select Close

Live Video from Vehicle - Google Chrome

Line Code: LINE20
 Vehicle Code: QCT9 View Camera: none
 IP: 192.168.22.41:13
 FMS: H-0006

Ext Front Camera

Select Camera: 100 Stop
 Status: Video is playing

VIN: NONE DIN: #AAAAA

SYS MSG NEW VSO PENDING

GPS DATA

LATITUDE: 12° 52' 47" E
 LONGITUDE: 45° 7' 30" S
 SPEED: 12 Km/h
 ALTITUDE: 152 m

OPERATIONAL STATUS

VEH STS: IN SERVICE
 VSO STS: NONE
 GPS LINK: 2D FIX (D-SAT)
 COMM LINK: WVF1 (weak)

SYSTEM STATUS

FAILURE: BACKLIGHT NOT RESPONDING BY ALARM

FAILURE UTC: 20 JUN 2011 15:16:16

VIN: NONE DIN: ABCDEF

SYS MSG

VSO: A12A13 + LINE: 124 bis

STATUS: 7 MIN IN DELAY

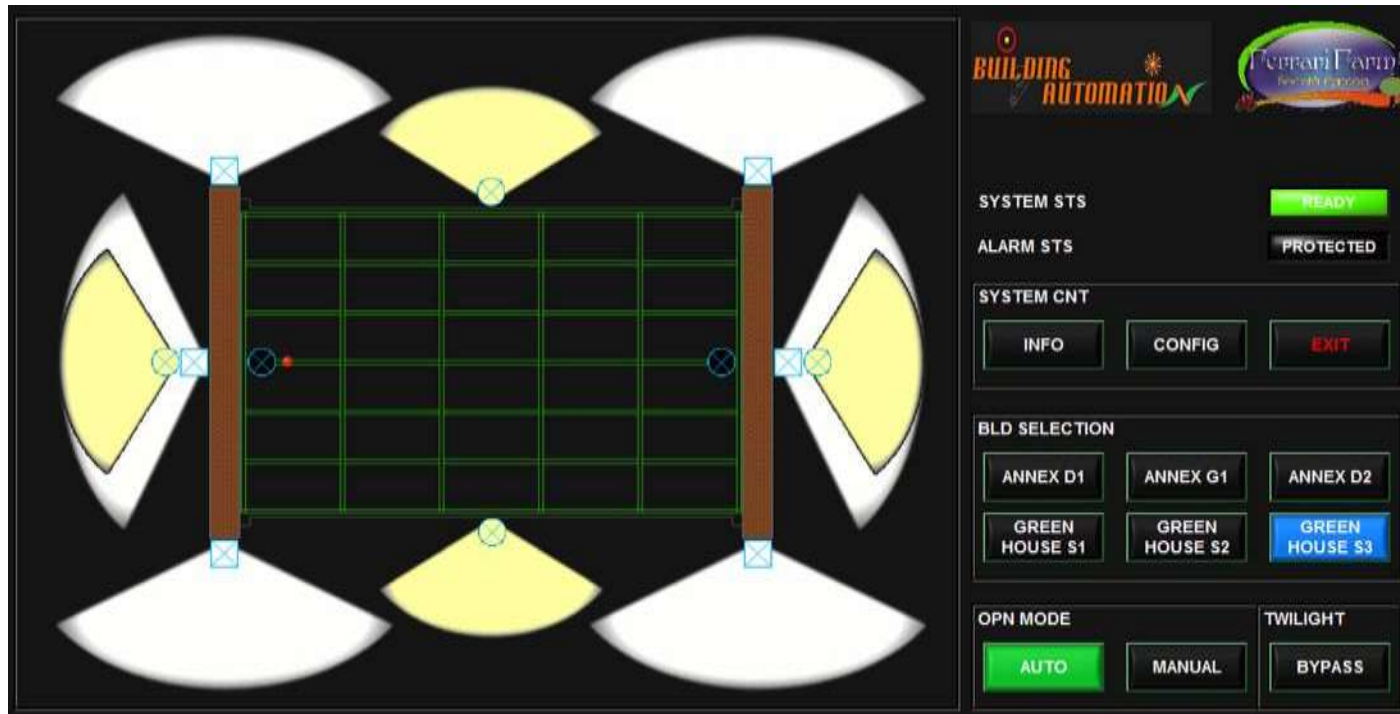
307 FERMATA 3 C.so Galbaldi, 118
 417 FERMATA 4 C.so Galbaldi, 4
 517 FERMATA 5 C.so Galbaldi, 118
 FERMATA 6 C.so Galbaldi, 118

LATE

Press ESC to Exit | Press CLR/F1 to Logout | Press ENTER to Detail

UTC: 19 JUN 2011 16:53:15

The system includes a standard PC for color-synoptic interactive representation, based on a standard sw configurable.



It is energy storage systems based on lithium-ion or lithium polymer batteries.

The required capacity for a battery unit is obtained using an array of standardized battery pack.

The Battery Unit can integrate an electronic unit of BMS (Battery Management System) type for the operative unit command and control and for controlling the charging with equalization.



It is an electronic unit which connects to the battery elements of a Battery Unit to implement the functionality necessary to the management of the battery elements, in order to control the charge and make the historical real-time data logging of all operating conditions. In particular, the charge is controlled and the equalization of all battery elements is performed, to ensure its life.

The BMS is customizable, from the point of view of packaging, for different applications, in order to integrate it well from the physical point of view inside the unit. The BMS may be configured sw for the management of battery elements of any type.

In figure it is shown a BMS that realizes, in addition to the features described, the power interconnections of the elements battery in PCB technology (no wire).



Are switchboard configurable for the individual applications that can contain circuit breakers, relays, terminations, pushbutton, etc ... interconnected using a proprietary technology that allows the elimination of cabling. They are intended for automotive and rail use or in industrial and/or residential electrical plants.



CONTACTS

Ferrari BSN S.r.l.

Località Miole sn – 67063 Oricola (AQ), Italy

Ph. +39 0863909003

Fax +39 0863907616

Email: info@ferraribsn.com

www.ferraribsn.com

PEC: ferraribsn@pec.it

