



tastitalia®

HMI • SOLUTIONS

HMI AND EMBEDDED

Turning your ideas into real products



FUTURE AS A MISSION

***Imagination and innovation:
we bring great ideas to life***

Always driving the innovation of the HMI, we're committed to transforming future visions into tangible technological solutions, from the idea and design to the finished product. Continuous investments in human resources and technological developments are the true founding elements of our company and our history.

CUSTOMIZATION IS WHAT WE CALL EVOLUTION

Focus on customization

MECHANICAL, ELECTRONIC AND GRAPHIC CO-DESIGN OF INTERFACES

We stand out on the market for **our ability to craft complex, fully assembled, tested and ready to use products** as a result of the perfect fusion between competencies and technologies. Combining tailor made and innovative hardware and software, we can create **trend-setting products in order to meet specific needs from every application**.



THE INDUSTRIES WE SERVE





MEDICAL

INDUSTRIAL

HOUSEHOLD
APPLIANCES

AUTOMOTIVE

TECHNOLOGIES

In a constantly evolving market: everyday we look to the future

OPTICAL BONDING

The LCD module and the touch surface become one



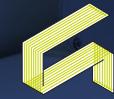
IMD

In Mold Decoration
molding technology



HAPTIC

Pioneers of the tactile technology



NANO SILVER

Screen printing of flexible circuits

LAMINATION

Perfect fusion to enhance
properties and performance



SCREEN PRINTING

The art of individualism and
the value of the customization



PLASTIC MOLDING

Versatility, precision and
efficiency evolving the product



METAL WORKING

CNC machining,
die casting and finishes

EMBOSSING

Shaping the innovation
with heat and precision



TESTING

A constant commitment to
electrical, mechanical and functional



TUNING

Precision to ensure maximum
operation

IN-HOUSE CLEAN ROOM



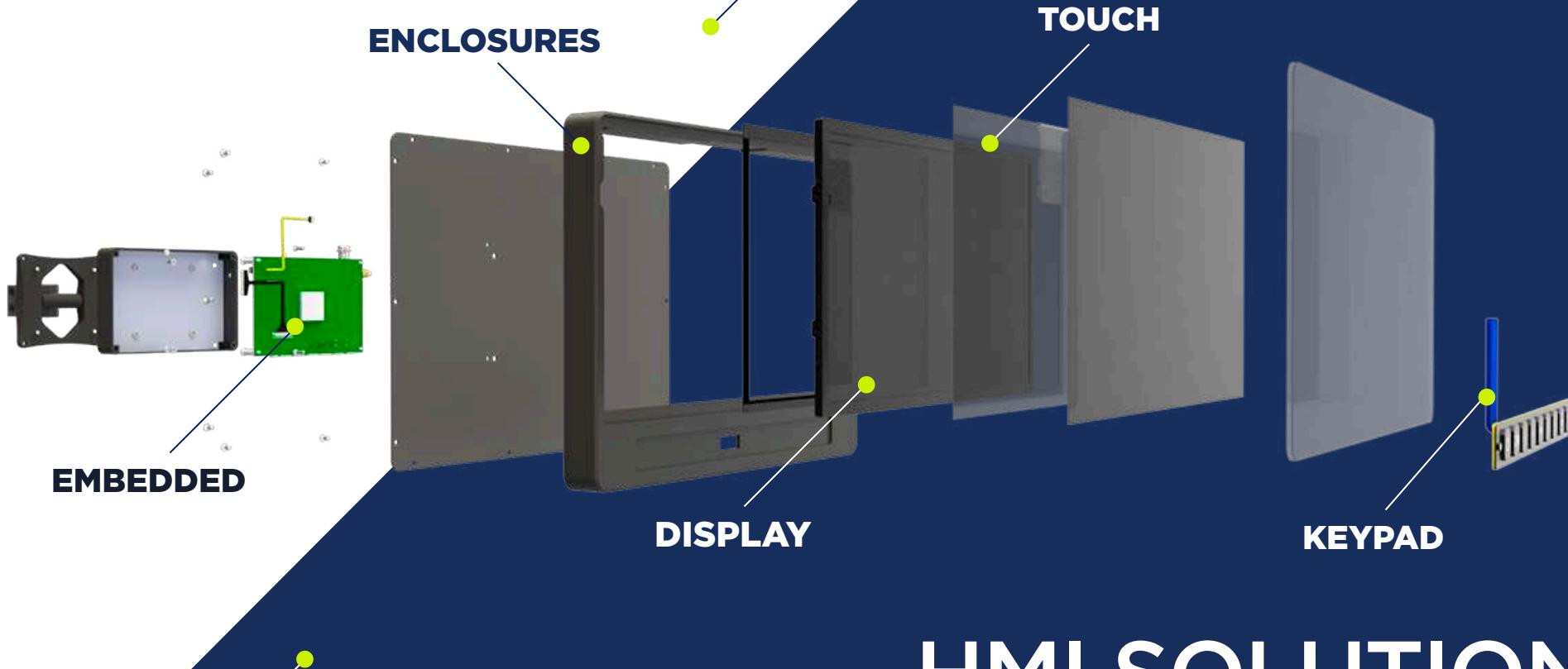
A photograph of a clean room environment. Several workers wearing white protective suits and caps are working on a large piece of industrial equipment. One worker in the foreground is looking directly at the camera. The room is filled with various pieces of machinery and equipment, including a large metal cart with multiple shelves. The lighting is bright and even, typical of a clean room setting.

OPTICAL BONDING IN CLEAN ROOM

*The glass cover lens, the touch sensor
and the display LCD module become one*

ISO 7 (10.000), ISO 6 (1.000) and ISO 5 (100) are reached in working areas.

Room Cleaning is achieved thanks to 7000 m3/h of air inlet through
#14 Fan Filters Unit (HEPA 14) with efficiency of 99,99%.



HMI SOLUTIONS
TECHNOLOGICAL PARTNER
FOR UNMATCHED COMPLETE SOLUTIONS

MICROCONTROLLER ARCHITECTURE

Fully customized MCU design for any purpose





**DESIGN,
CO-DESIGN AND
DEVELOPMENT**

ASSEMBLY

**YOUR SYSTEM
INTEGRATOR PARTNER**

**CONTROL
TECHNOLOGIES**

**ELECTRONIC
BOARD**

SOFTWARE

EMBEDDED SOLUTIONS ALL INCLUSIVE

MCU and MPU architectures for all markets needs



**MICROCONTROLLER
ARCHITECTURE**

*Visit tastitalia.com
for products details and datasheet*



**MICROPROCESSOR
ARCHITECTURE**

BOARD DESIGN

Starting from customer requirements and specifications, we can develop microcontroller and microprocessor fully customized boards able to implement advanced visualizations, controls and connectivity features for any HMI solution.

**CUSTOM DESIGN
THOROUGH TESTING
CERTIFICATION SERVICE**

SOFTWARE DEVELOPMENT

Our expertise in software customization is at the heart of Tastitalia's embedded solutions.

**LINUX OR ANDROID BSP COMPLETE SUPPORT
MICROCONTROLLER ALL-ROUND FIRMWARE EXPERTISE
INTUITIVE USER INTERFACES DEVELOPMENT**



TOUCH AND DISPLAYS

Precise, immediate and intuitive interaction

PCAP TOUCH SCREEN

All the answers at your finger tips

Multi-touch capabilities, durability, and easy cleaning are key features that allow our **PCAP solutions to meet all the modern requirements** for even the most demanding applications.

RESISTIVE TOUCH SCREEN

Reliable and stable solution in all conditions

Tastitalia resistive touch screen technology **is the preferred input system** for applications such as industrial monitors because it **provides greater simplicity and cost-effectiveness of implementation** and management.

DISPLAY

Visualization technology for every market need

Let us guide you through the complex world of displays. All Tastitalia experience and competence in displays technologies will **create a perfect match between visualization and control technology**.

TFT Displays

OLED Displays

Graphic Display



OPTICAL
BONDING



HAPTIC



SCREEN
PRINTING



LAMINATION



TESTING



TUNING



OPTICAL
BONDING



HAPTIC



TESTING

Precise, immediate and intuitive interaction



KEYPADS

Reliable, simple and durable controls

MEMBRANE KEYPADS

Design and functionality combined in one mm thickness

With **over 35 years of experience** in designing and **manufacturing high quality membrane keypads**, all fully customized, we are aware that we have already crossed many boundaries but every new project is always a new challenge for us to be passionate about and win.

SILICON RUBBER KEYPADS

Durability, robustness and ductility at the highest levels

A good alternative to membrane keypads, the silicone rubber keypads **offer a large number of advantages and possibilities**. Based on vulcanized rubber, this technology is perfectly suited to **create distinctive 3D shapes even complex ones and with inimitable design** and offering at the same time the opportunity to have an **unparalleled tactile feedback** compared to other control technologies.

CAPACITIVE KEYPADS

The modernity and the elegance of a technology of our times

If you want to give modernity and distinguish your device, the capacitive keypad is the ideal solution for your needs. The **use of elegant, resistant and contemporary aesthetic materials such as glass**, plexiglass and polycarbonate, together with the **advanced options and possibilities offered by electronics**, blend together in a perfect mix that allows you to meet and fulfil any aesthetic and functional need.



HAPTIC



NANO SILVER



SCREEN PRINTING



LAMINATION



EMBOSSING



TUNING



TESTING



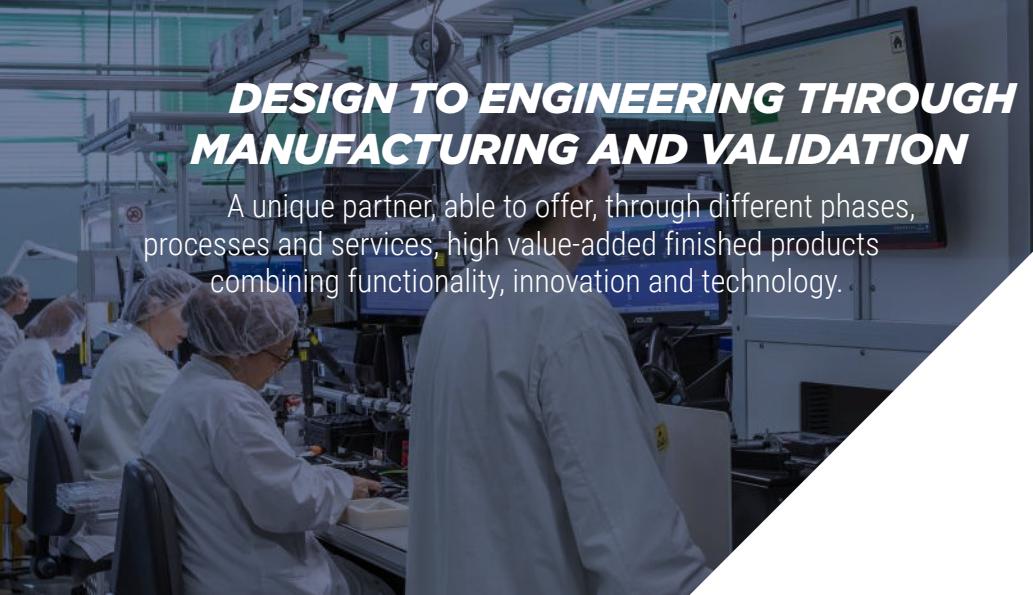
IMD

Reliable, simple and durable controls



DESIGN TO ENGINEERING THROUGH MANUFACTURING AND VALIDATION

A unique partner, able to offer, through different phases, processes and services, high value-added finished products combining functionality, innovation and technology.



WHY CHOOSE US

Transforming future visions into tangible technological realities



CREATING YOUR FULLY TAILOR-MADE HMI SOLUTION

An extremely wide and specialized technical baggage that allows us to offer tailor-made solutions that meet and implement the needs of customers in a precise way and adapting perfectly to all markets and applications.



PROCESSES AND QUALITY PRODUCTS

Guaranteed over time

ENGINEERS, TECHNICIANS AND PROJECT MANAGERS WITH EXPERIENCE IN THE HMI SOLUTIONS FIELD CONSTANTLY SEARCH FOR QUALITY OF THE PROCESSES AND OF THE PRODUCT THUS WE ARE ABLE TO OFFER COMPLETE SUPPORT TO OUR CUSTOMERS

We strive every day for our commitment to find increasingly innovative and efficient solutions in order to make each project special and distinctive on the market. **Customer satisfaction is equally the most rewarding recognition and the greatest stimulus in the daily improvement process that we have been carrying out for decades.** The certifications and legal, environmental and qualitative compliances are therefore natural steps that confirm and reinforce our corporate values.



ISO 9001

QUALITY
MANAGEMENT SYSTEM

ISO 14001

ENVIRONMENTAL
MANAGEMENT SYSTEM

ISO 9100

QUALITY MANAGEMENT SYSTEM
FOR AVIATION, SPACE AND DEFENSE

ISO 45001

OCCUPATIONAL HEALTH
AND SAFETY MANAGEMENT SYSTEM

ISO 13485

QUALITY MANAGEMENT
SYSTEM FOR MEDICAL DEVICES

SOCIALLY RESPONSIBLE INVESTING

AT TASTITALIA, **SUSTAINABILITY ISN'T JUST A BUZZWORD.**
IT'S PART OF OUR DNA!

Since 2012, we've been powered by the sun: **our solar panels**

cover almost 50% of our energy needs!

- ▲ In 2015, we achieved **14001 ISO certification for Environmental Management**, proving our dedication to the planet.
- ▲ From 2017, we've been under the watchful eye of our Supervisory Body (ODV), ensuring compliance with D.Lgs. 231/01.
- ▲ In 2022, we started tracking our CO2 emissions (Scope 1, 2, and 3) to better understand our impact and make greener choices.
- ▲ And as of 2023, we've installed **3 EV charging stations to support sustainable mobility**.

Continuous employee training is a company priority.

Environmental responsibility has always been a core value in Tastitalia!





AI INNOVATION AND HMI

***Machine learning and computer
vision for high performance***

Tastitalia is focused on innovation, and our developers are working to implement new features and to express the full potential of AI in the HMI segment. **Powered by a powerful NPU (Neural Processing Unit), our embedded solutions** are ready to meet the challenge of artificial intelligence and bring machine learning and computer vision to our products whilst ensuring high reliability.



7379
EMPLOYEES

34
COUNTRIES

257
COMPANIES

Tastitalia is part of the **Lifco group**, a stock market public company trading on Nasdaq Stockholm. Lifco Group's **total sales are € 2.3 billion**.