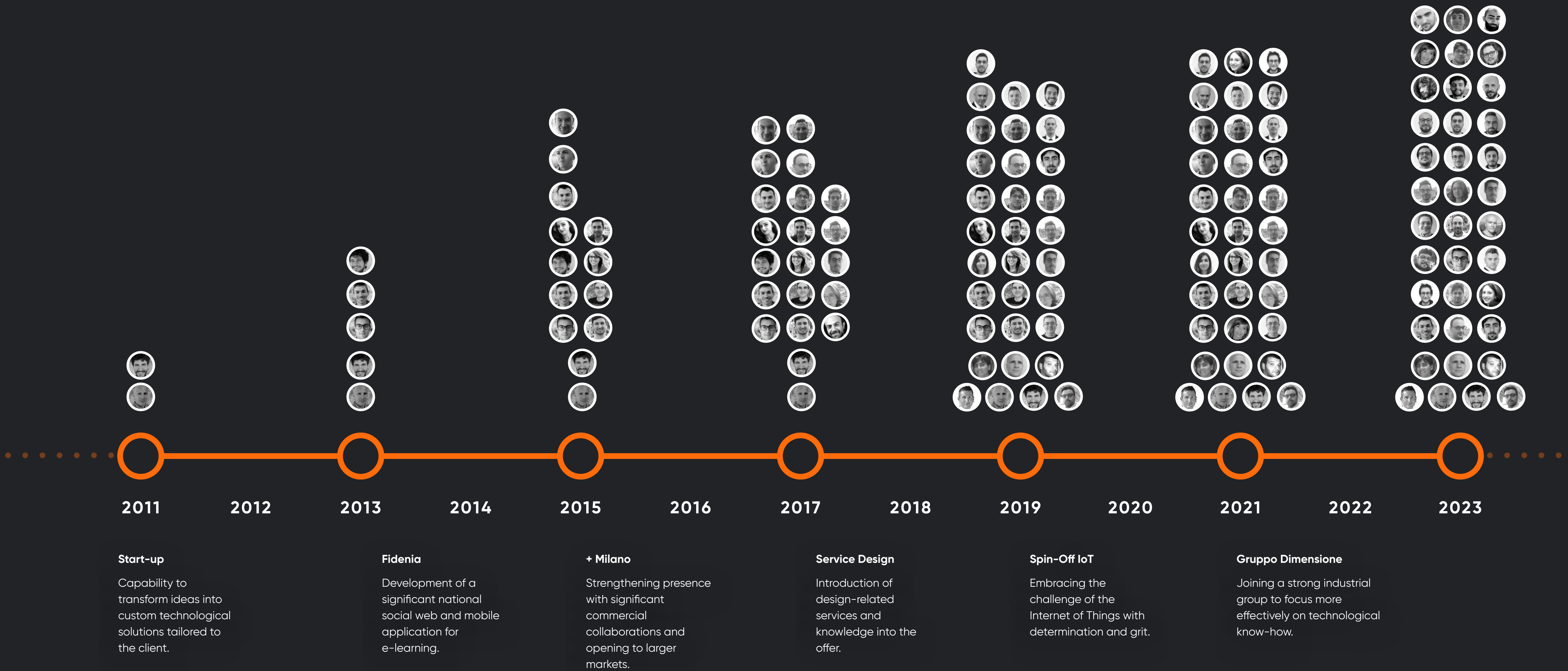


Applica
Software
Guru

MISSION

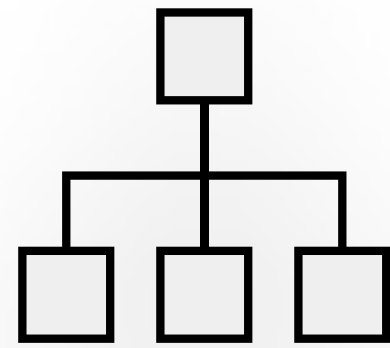
Providing high-value consulting by leveraging high-level technological know-how, multi-disciplinary approaches, applying best practices, and enhancing basic solutions.

Our History

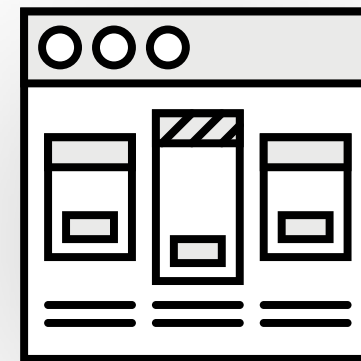


Services

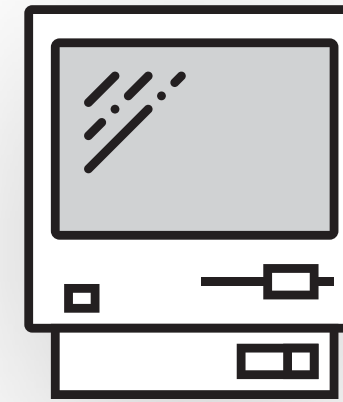
Multidisciplinary expertise



Business
Analysis



Ui/Ux Design



Development

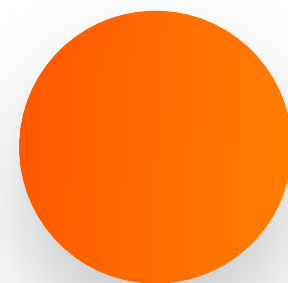


Launch and
Maintenance



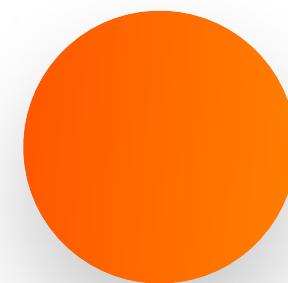
More
Developments

Benefits



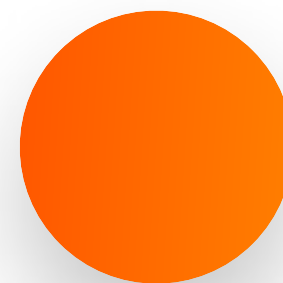
Sartorial Digital

Capability to transform ideas into custom technological solutions tailored to the client.



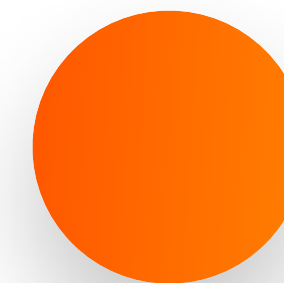
360° Consultancy

From design to business analysis to development. Our teams are organized to offer a complete and coordinated service.



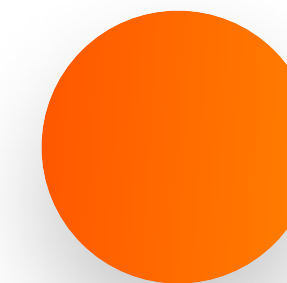
Software + Hardware

We design and implement Hardware and Software to create advanced IoT solutions.



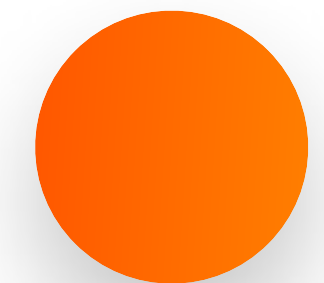
Design

Well-designed and easy-to-use solutions even in the business field and for various types of devices.



Agility and Competence

The organization is based on small highly competent teams to keep business, project, and production processes lean and efficient.



System integrator

We design and implement solutions that integrate with existing software and hardware systems.

Consultancy

S O F T W A R E G U R U



Software Guru

Over the years, Applica has gained experience in various sectors related to technology

IoT

Automation

Artificial Intelligence

Smart Factory & Industry 5.0

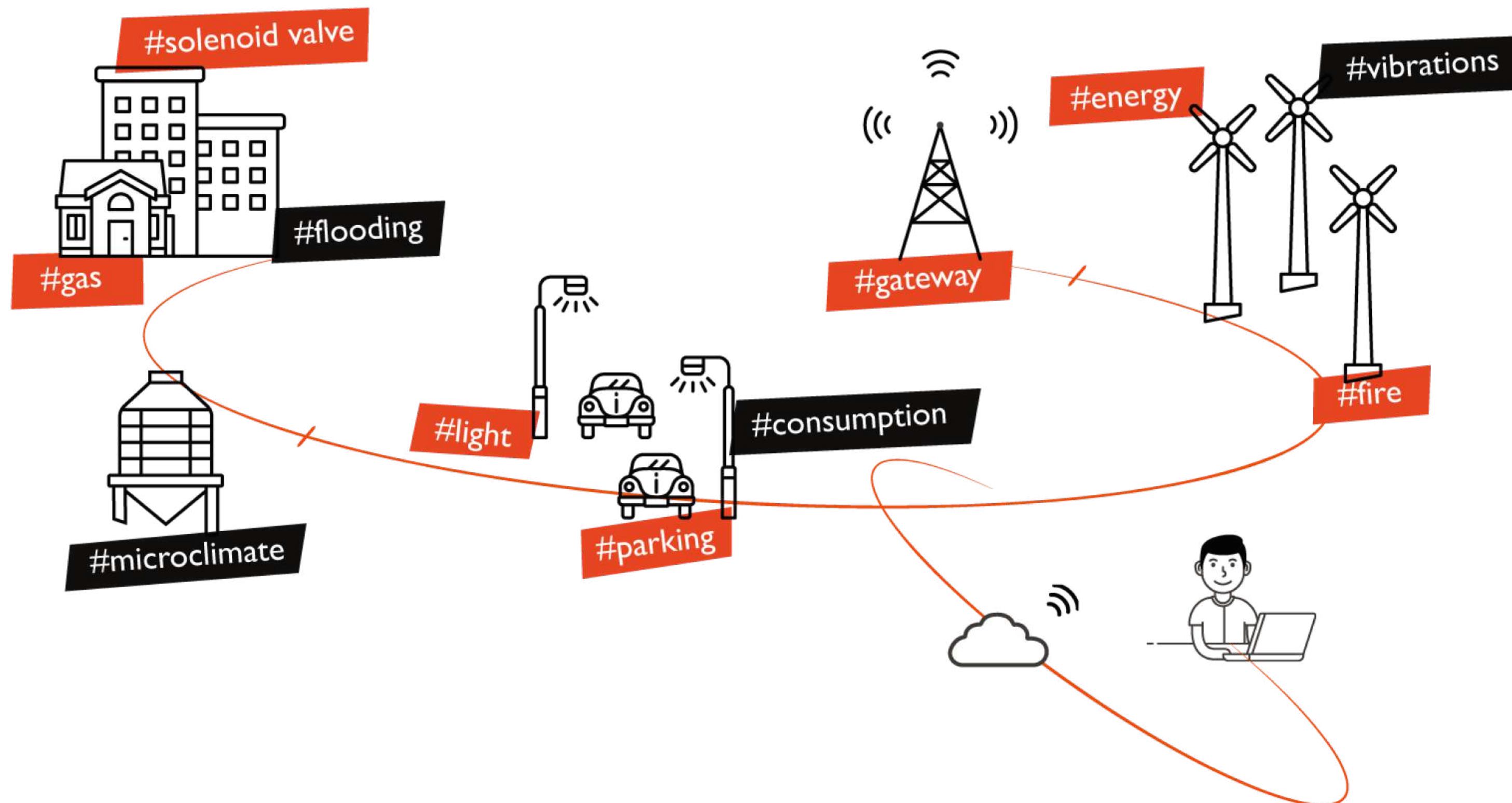
Web 2.0 / Mobile

Telemedicine

IoT & Automation

Our various teams constantly interact to respond to different market demands in the fields of **IoT** and **Industry 5.0**, **Machine Learning**, and **Big Data**.

Drax NB-IoT Lora

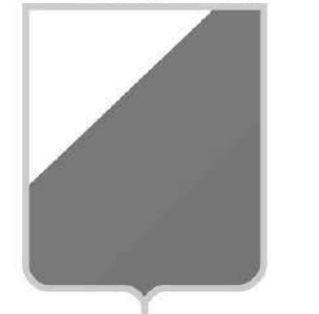


TIM

dimensione



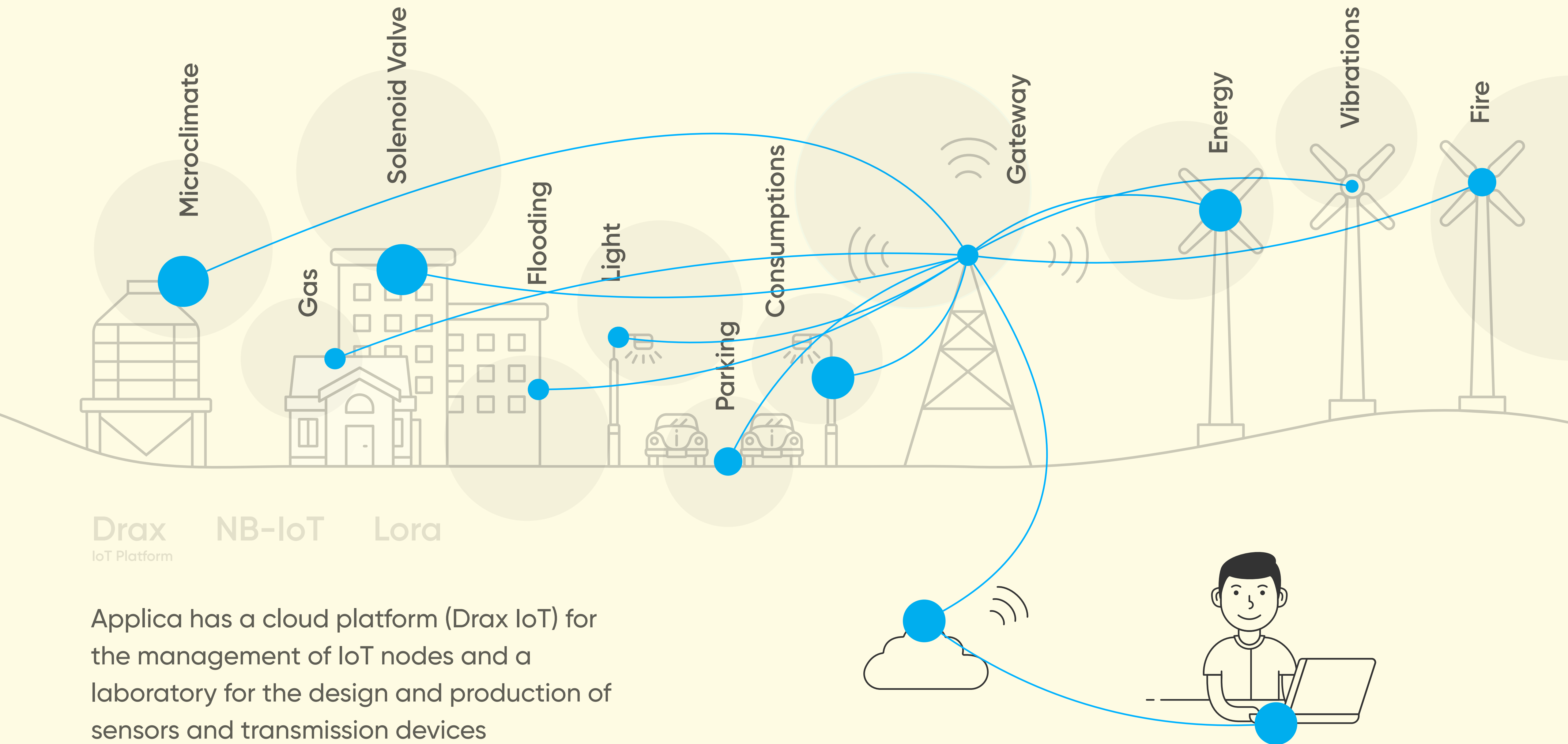
REGIONE
ABRUZZO



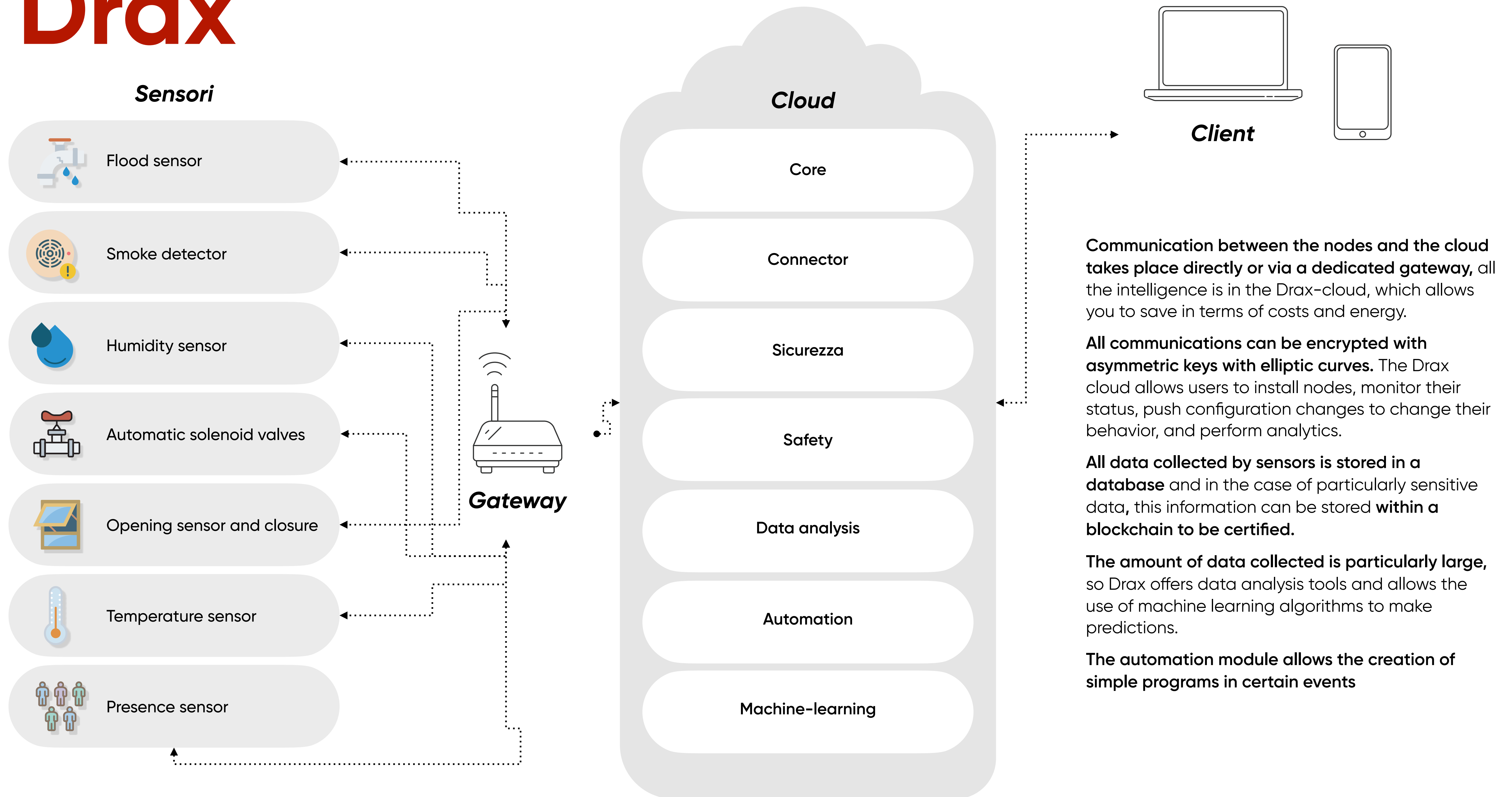
Ponzio
Aluminium design since 1941



OSAPA
Superior Auto Parts Always
the One-Shot company



Drax IoT Platform



Building Automation



Client

General contractor 110



Need

Manage and optimize the consumption of real estate units by manually and automatically controlling the behavior of individual thermal valves or entire monitoring areas.



Applica Solution

Applica proposes a **cloud-integrated solution with smart thermal valves**. Through the installation of connected intelligent solenoid valves and dedicated software, the solution allows full control of the radiator valves of multiple buildings, divided into areas for targeted heating monitoring. The user can turn on and off all radiators in a building, setting the activation times and temperature via a mobile app.



NoFire



Client

Parco dei Castelli Romani



Need

Detect potential fire outbreaks in vast wooded areas in real-time and without approximations, **even in areas without network coverage**, and **monitor the flame front's progress and intensity in real-time**.



Applica solution

Applica proposes a **cloud-integrated solution with sensors using Lora and NB IoT** communication protocols. The platform can be configured to monitor wooded areas of varying size, density, and composition. **In case of fire, the system alerts the competent authorities through automatic communication routines.** The platform allows real-time monitoring of fire outbreaks.



IoT & Automation Projects

Steri App



Client

W&H

(World leader in sterilizers for dental and medical practices)



Need

Configure, start, and monitor sterilization cycles of all catalog machines via smartphone and smartwatch.



Applica solution

Applica designed and developed a mobile app for **smartphones, tablets, and smartwatches** that can connect to sterilizer machines and **control them remotely**. Authorized users can configure and start desired sterilization cycles and monitor their progress. **The app will notify relevant users of significant events via push notifications.**



Structural Monitoring



Client

Dimensione Solare Srl



Need

Constantly monitor the mechanical stresses of buildings and civil structures.



Applica solution

Applica designs and develops a **web application connected with IoT seismographs**. The application allows monitoring the **structural health of buildings and structures**. Each registered building is accessible to relevant users (condominium representatives and residents) to periodically monitor and verify the actual state of the structure.



Smart Shinguard



Client

GHST Ghst World Inc



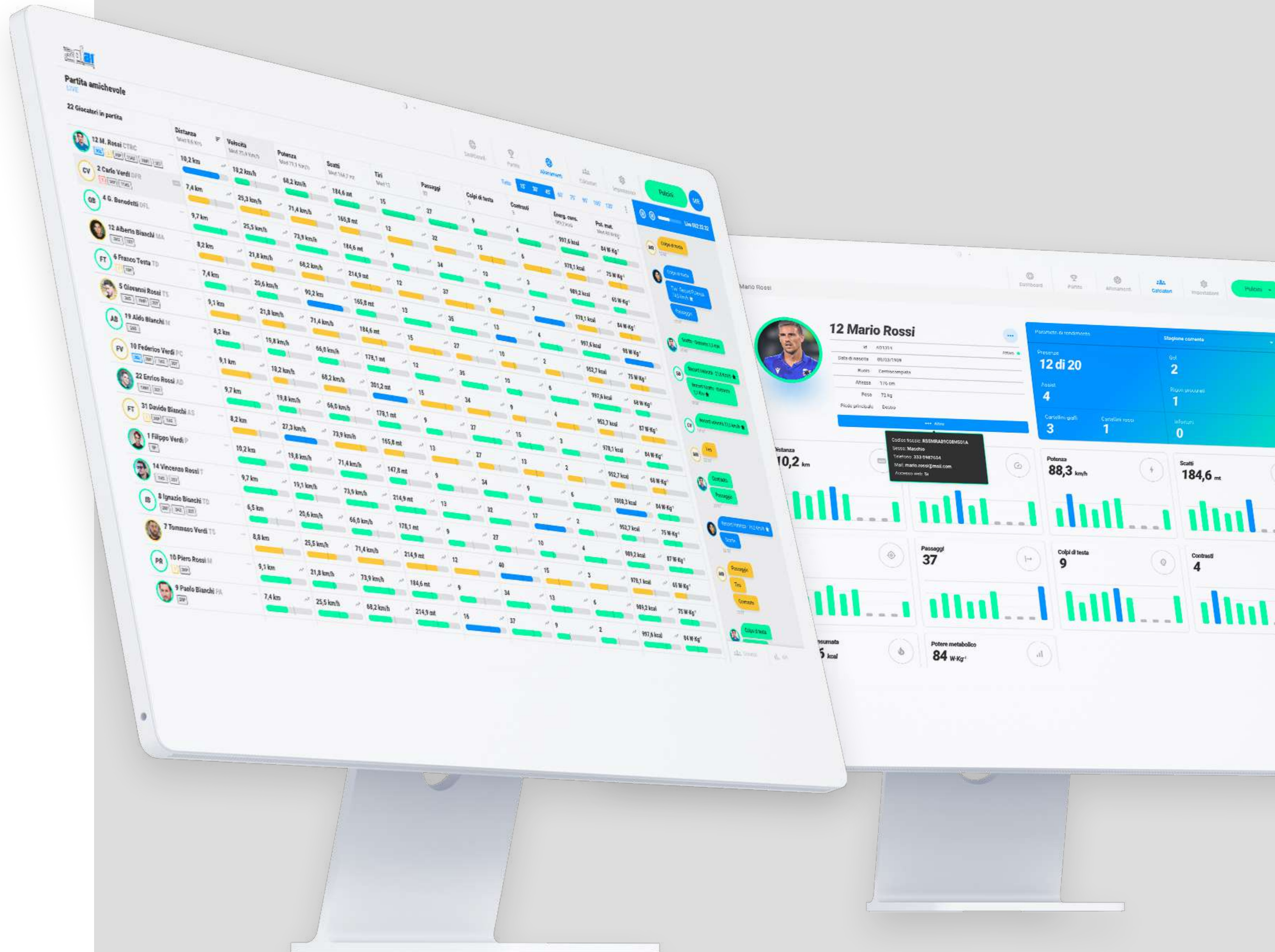
Need

Monitor players' sports performance in real-time using wearable devices to support coaches and technicians in decision-making and strategy phases.



Applica solution

Applica designed a cloud web and mobile application for the real-time management and monitoring of statistical information acquired from "Smart Shinguard". The parameters obtained are processed in real-time by sophisticated algorithms and displayed in the interface to represent the players' sports performance.



IoT & Automation Projects

SAPA



Client

SAPA



Need

Streamline the process of moving empty and full containers in a plant producing plastic parts and reduce the personnel needed for these operations.



Applica solution

Supply a fleet of AMRs and the relevant mission planning and management software. The robots manage logistics from production to shipment in a collaborative and autonomous manner.



IoT & Automation Projects

Intimissimi Task scheduler

Partnership con Sys Design



Client

Calzedonia Spa



Need

Simulate the final part of warehouse goods handling to **optimize the use of Cobots and minimize manual interventions.**



Applica solution

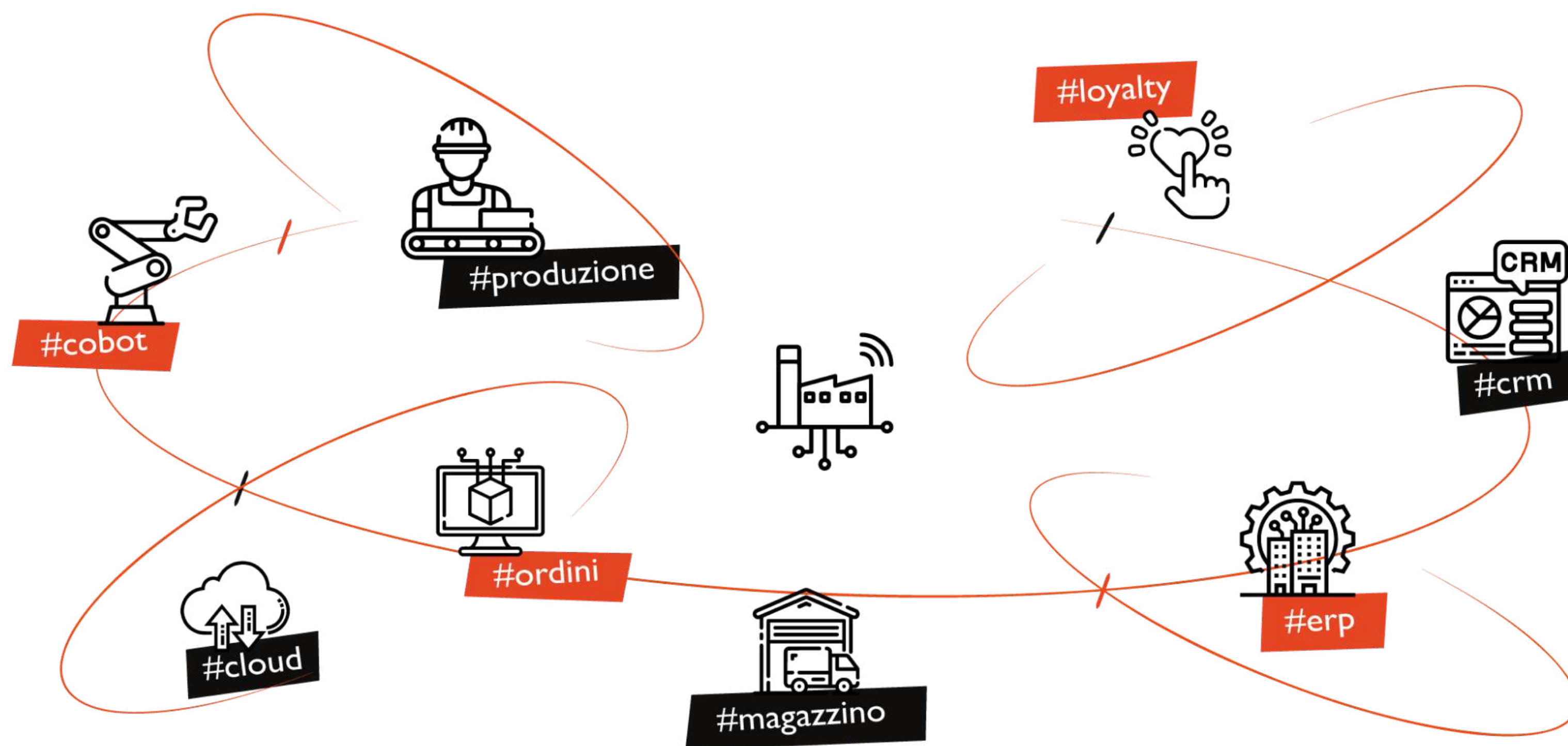
Applica designs and develops a **Task Scheduler integrated with the company's ERPs, Cobots, and various automatic area actuators.** The Scheduler interprets the **real-time warehouse movement situation** and activates the various automation devices, **constantly optimizing automatic mechanical interventions compared to human ones.**

intimissimi



Smart Factory & Industry 5.0

Applica is an expert in developing dedicated B2B solutions. The mastery of the most innovative technologies combined with high design competence allows our teams to produce vertical solutions developed for our clients. Our solutions can be integrated with the most varied corporate information systems to build a single software system.



SCAI
ITEC

miccolis

VIM

Ponzio
Aluminium design since 1941

Laurieri
master bakers

FREE
energia

TXT GROUP
EDUCATIONAL PROVIDER

SNG **SID**
SINERGIA GROUP *Parma*

N
NATUZZI

PROT.IT
LAVORAZIONE E COMMERCIALIZZAZIONE
DI SOTTOPRODOTTI ANIMALI E VEGETALI S.R.L.

meca

oyo
special tools

HITACHI

Maintenance planner



Client

Sid Parma Srl | SNG Sinergia Group



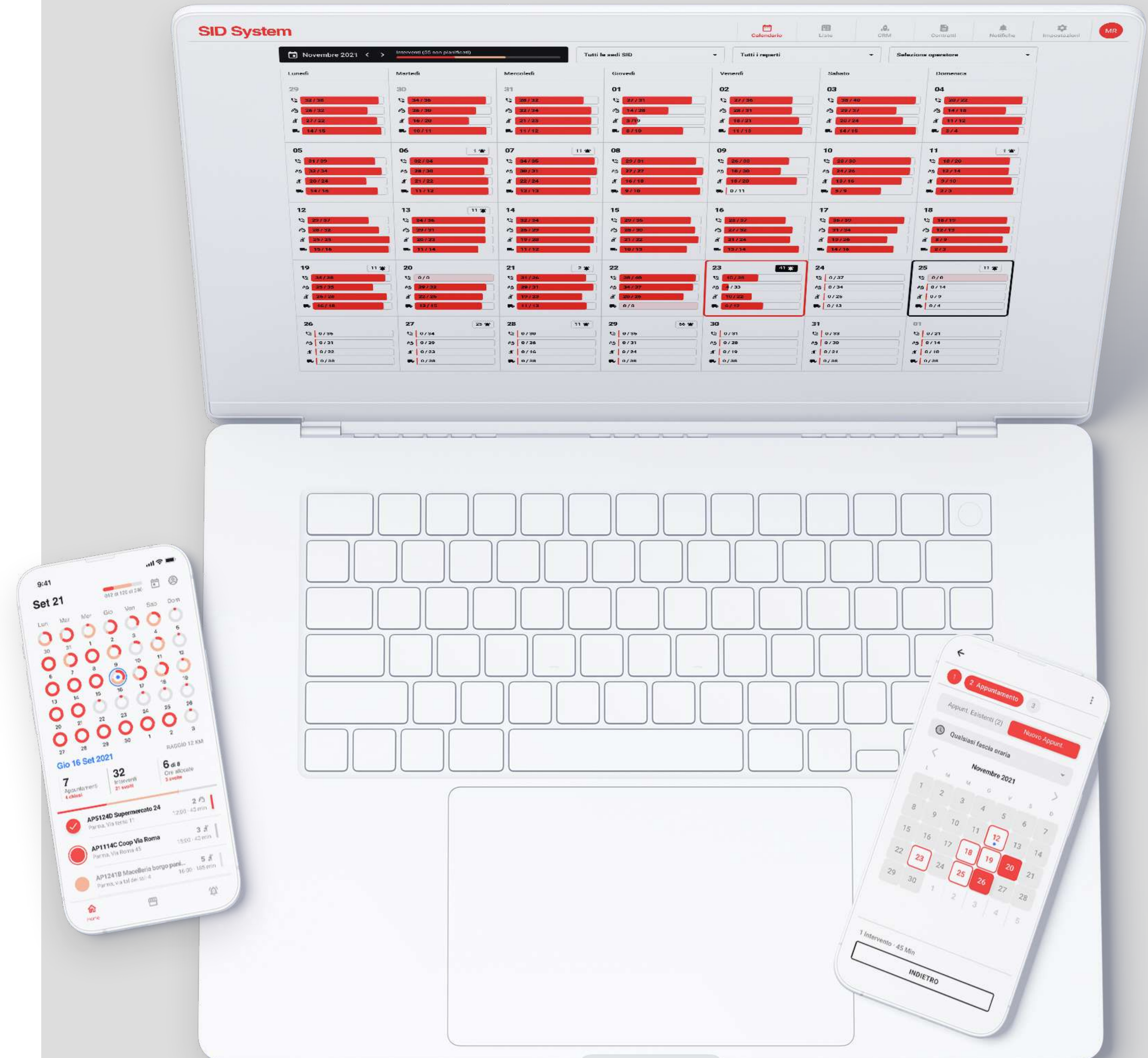
Need

Optimize the planning, execution, and reporting of maintenance interventions for a large number of different types of machines spread across the national territory.



Applica solution

Applica designs and implements a cloud Web and Mobile solution integrated with other company software (ERP and Customer Care) for managing the assistance and maintenance service. The system allows **assigning and planning activities to maximize efficiency in movements and resources**. Maintenance requests can be organized via web app. Maintenance workers **can plan their outings**, perform interventions, and report time and spare parts used for each activity via a smartphone.



Prot-it



Client

Prot-iT srl



Need

Streamline and track the entire production process, from raw material collection to finished product generation.



Applica solution

Applica designs and develops an integrated Web and Mobile platform useful for **managing the entire production process**. The mobile app allows drivers to receive and **carry out the visit tour for collecting and storing raw materials**. The web app allows operators to **manage the warehouse and the production of finished products**. The system is integrated with the company's ERP.



Meca



Client
Meca



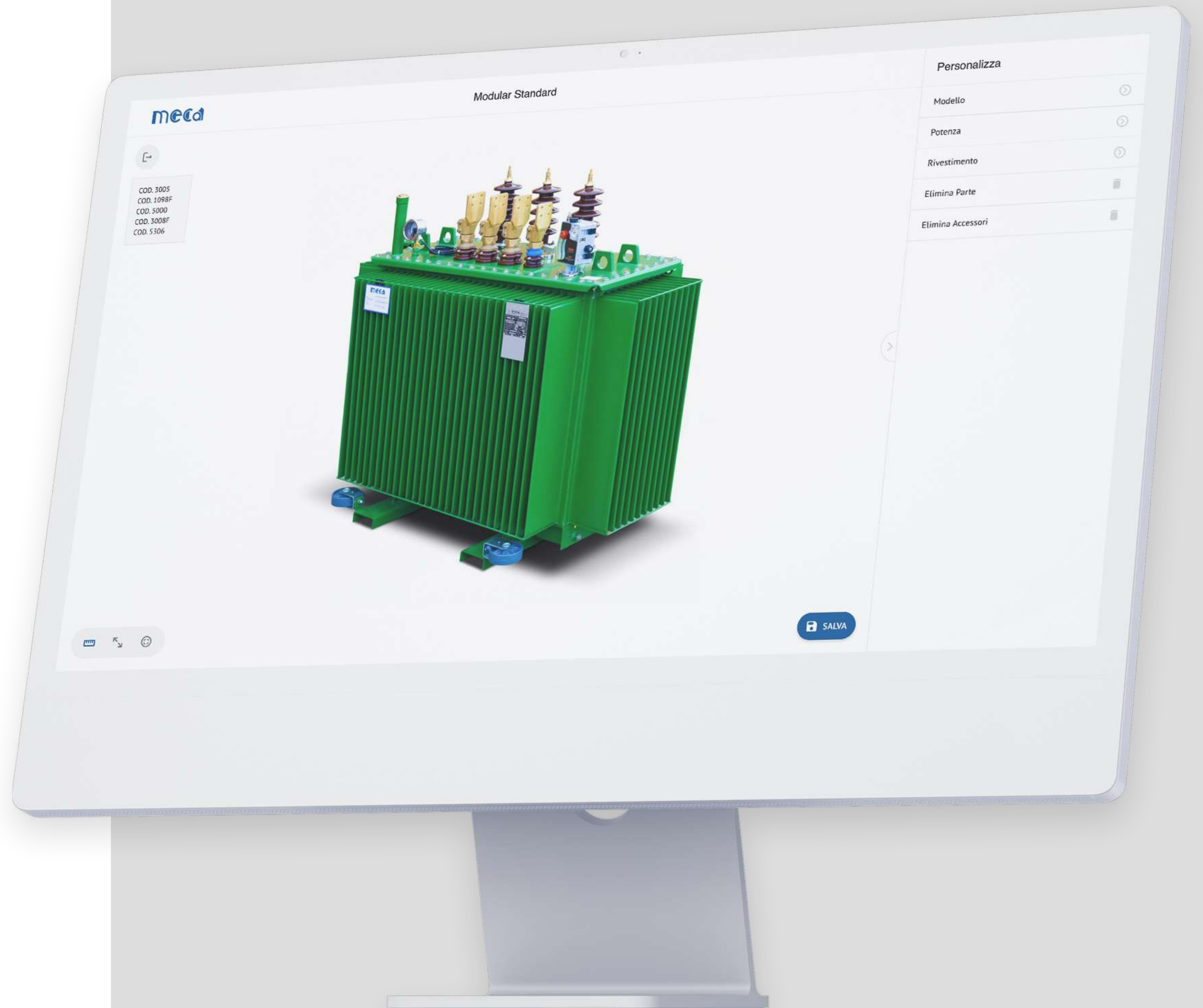
Need

Integrate the monitoring of all operations (manual and automatic) **to have a complete view of the production system.**



Applica solution

Applica designs and develops a Web and Mobile MES (Manufacturing Execution System) platform to **monitor production progress and determine the traceability of all handled items** (semi-finished and finished products). The solution is integrated with the company's ERP.



Smart Factory & Industry 5.0

Oyo Special Tools



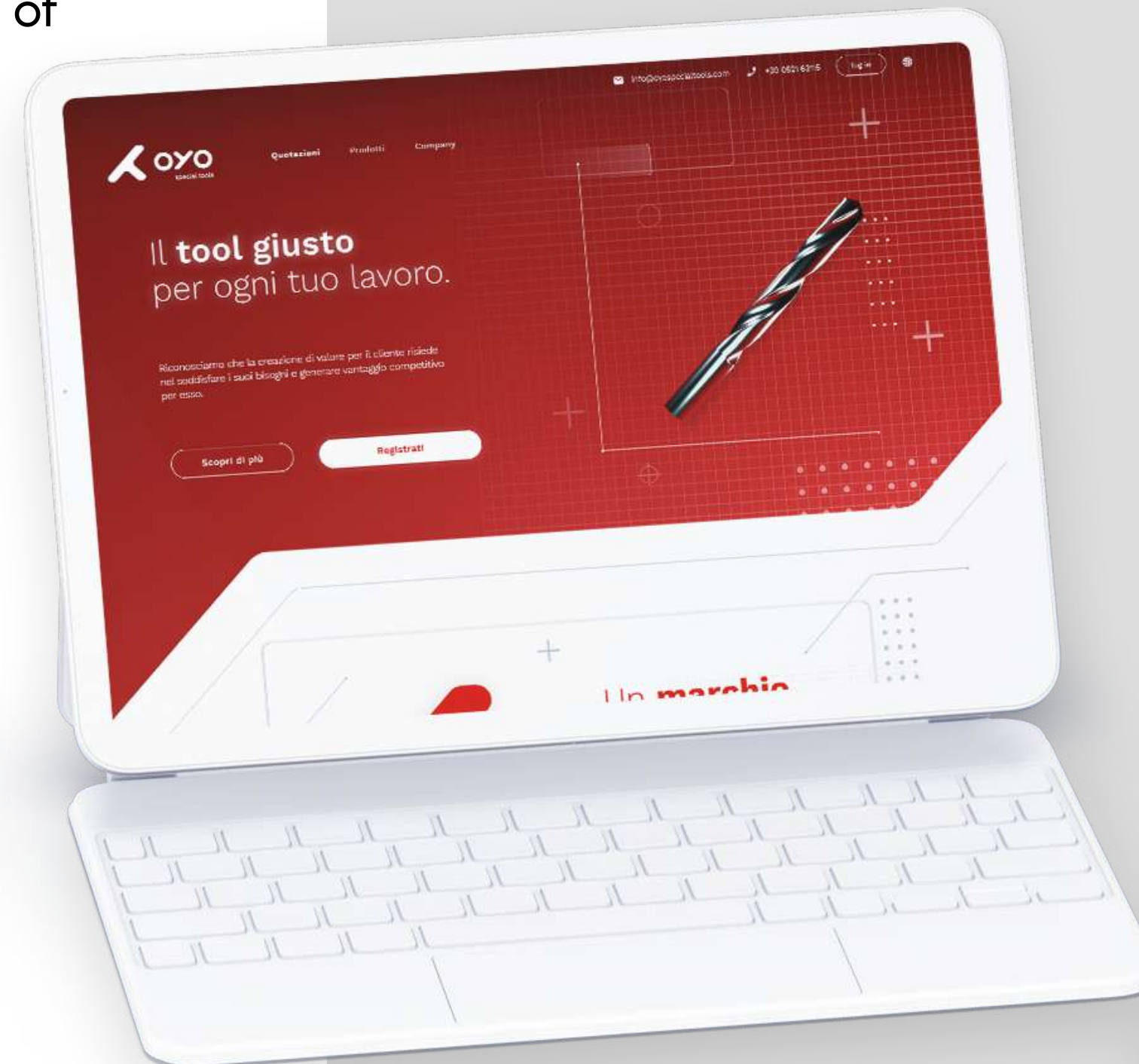
Client
Orchestra Srl



Need
Digitize negotiations, customization, and purchase of tooling for mechanical processing.



Applica solution
Applica designs and develops a Web platform for requesting and **ordering standard or customized tooling**. The system allows **configuring the product through a 3D CAD system** or through dedicated consultancy. The order takes place through a multi-step and completely digitized negotiation.



Smart Factory & Industry 5.0

Natuzzi



Client

Natuzzi S.p.A



Need

Allow the **configuration and purchase of the entire sofa catalog** via the web in an integrated manner with an innovative user experience.



Applica solution

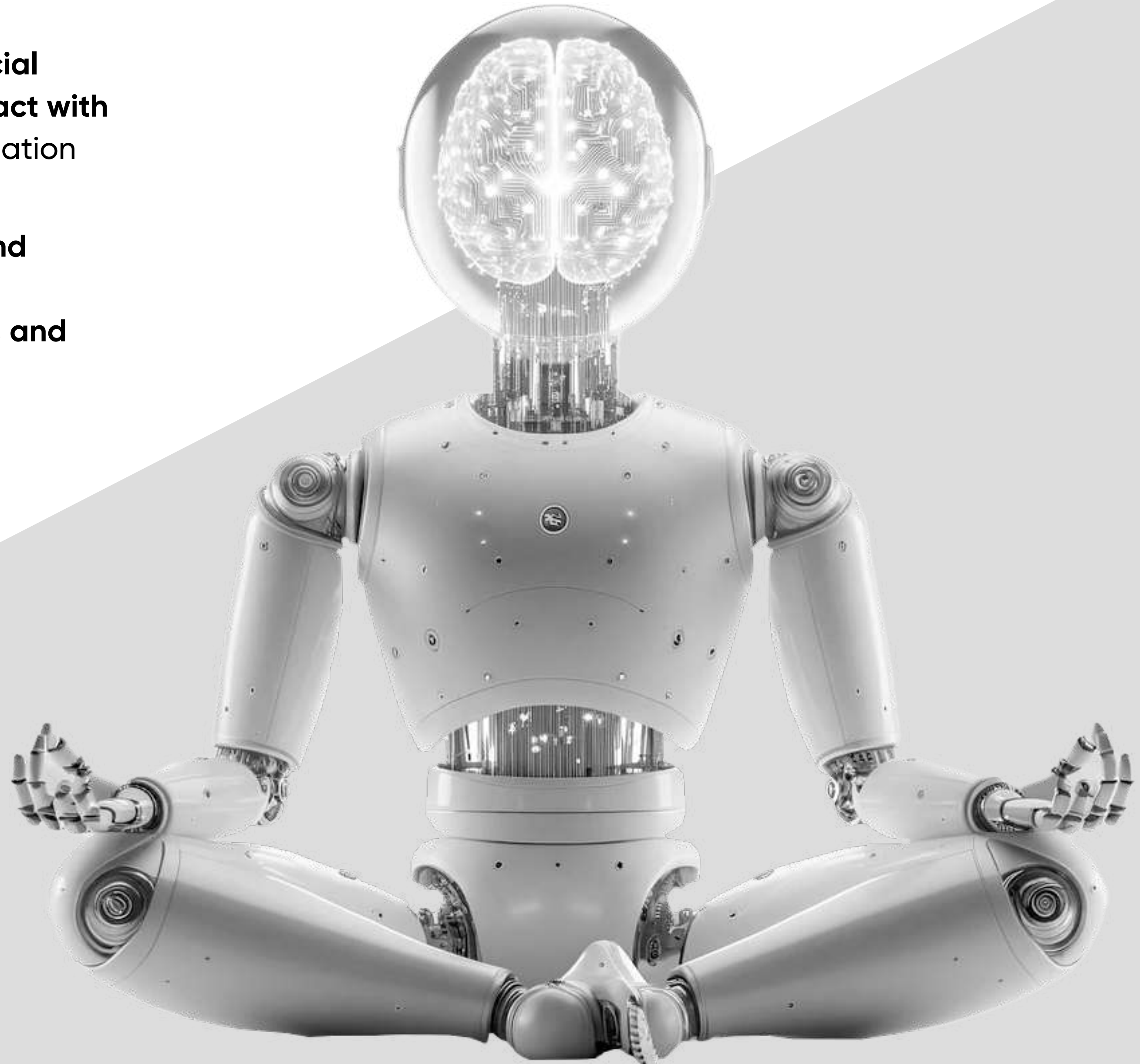
Applica designs and develops a **Web Cloud platform integrated with company ERP systems for the 3D configuration of catalog models**. Through the web, customers and resellers can configure every aspect of the product, view it in augmented reality mode, and initiate the order process directly integrated with the company's production systems. **The manufacturer can independently configure the catalog models** thanks to an intuitive and fast back-office environment.



Artificial intelligence

Every solution offered by Applica can be equipped with an **artificial intelligence function** to radically transform **how companies interact with their data and processes**, revolutionizing access to crucial information and improving operational efficiency.

Applica aims to **transform complex data into simple decisions and effective actions** through an approach aimed at strengthening organizational capabilities, promoting **smarter, more productive, and connected work environments**.



Artificial intelligence Hitachi



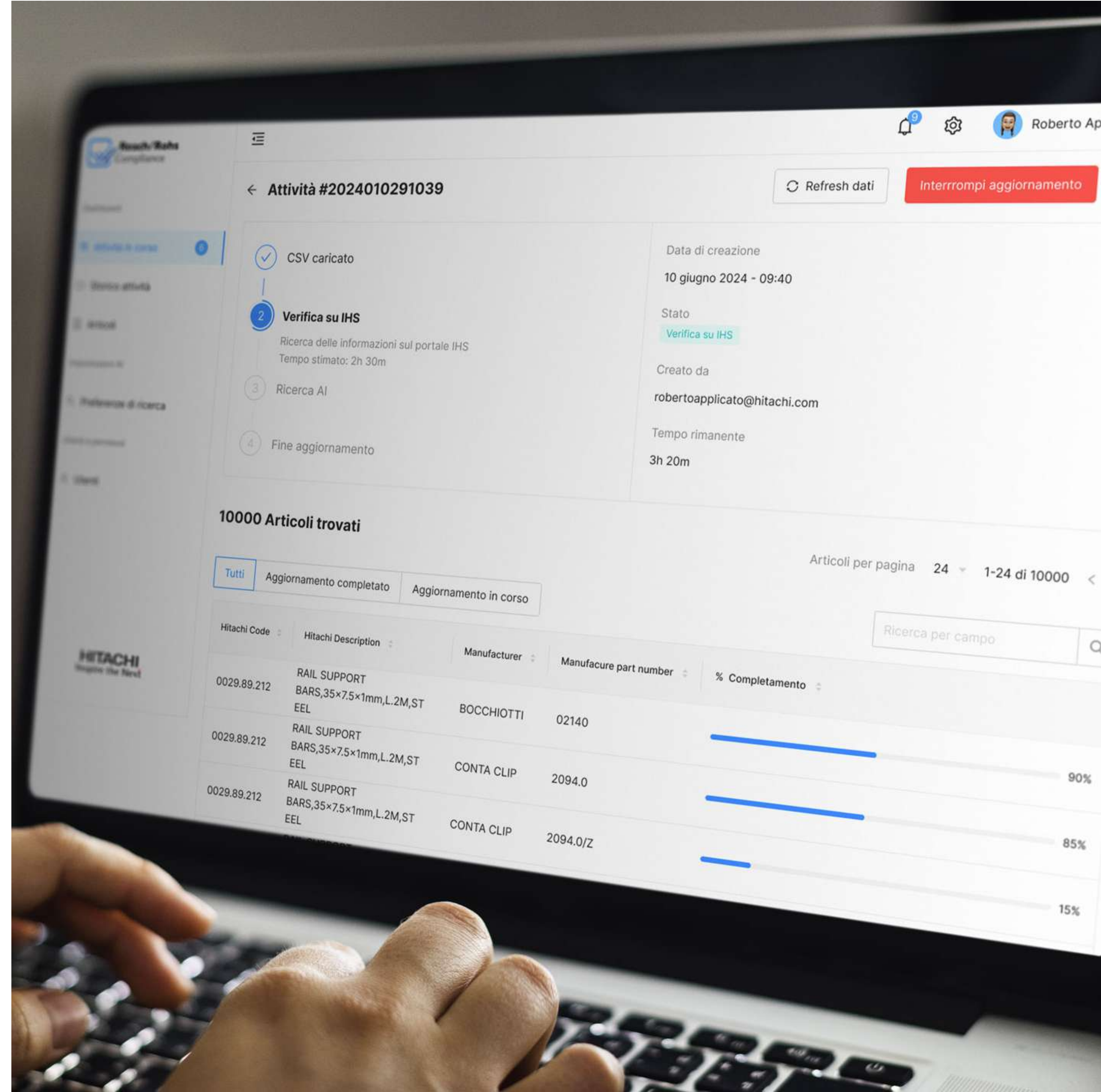
Client
Hitachi



Need
Automate and accelerate the process of retrieving Reach and RoHS certifications from the web **by leveraging the capabilities of artificial intelligence.**



Applica solution
The solution proposed by Applica **automates all phases of the compliance update process**, starting with the upload of a CSV file containing the items to be updated, up to the download of the updated compliance data summary. **The AI integrated into the system scans and retrieves compliance information through a web scraping activity capable of gathering any type of information from the web.**



Artificial intelligence

KiwiBloom



Need

Improve the **pollination process of kiwi flowers** by identifying the **fertility of female kiwi flowers**.



Applica solution

Applica has developed the KiwiBloom project, which **enables plant monitoring using non-invasive and sustainable technologies**. This is achieved with small, lightweight **drones equipped with sensors and cameras**, and a low-power wireless data communication system. The solution employs the **YOLOv8 algorithm, designed for real-time object recognition**, which can provide highly accurate information on the fertility status of the flowers.

KIWI
BLOOM

Smart management of kiwi country field

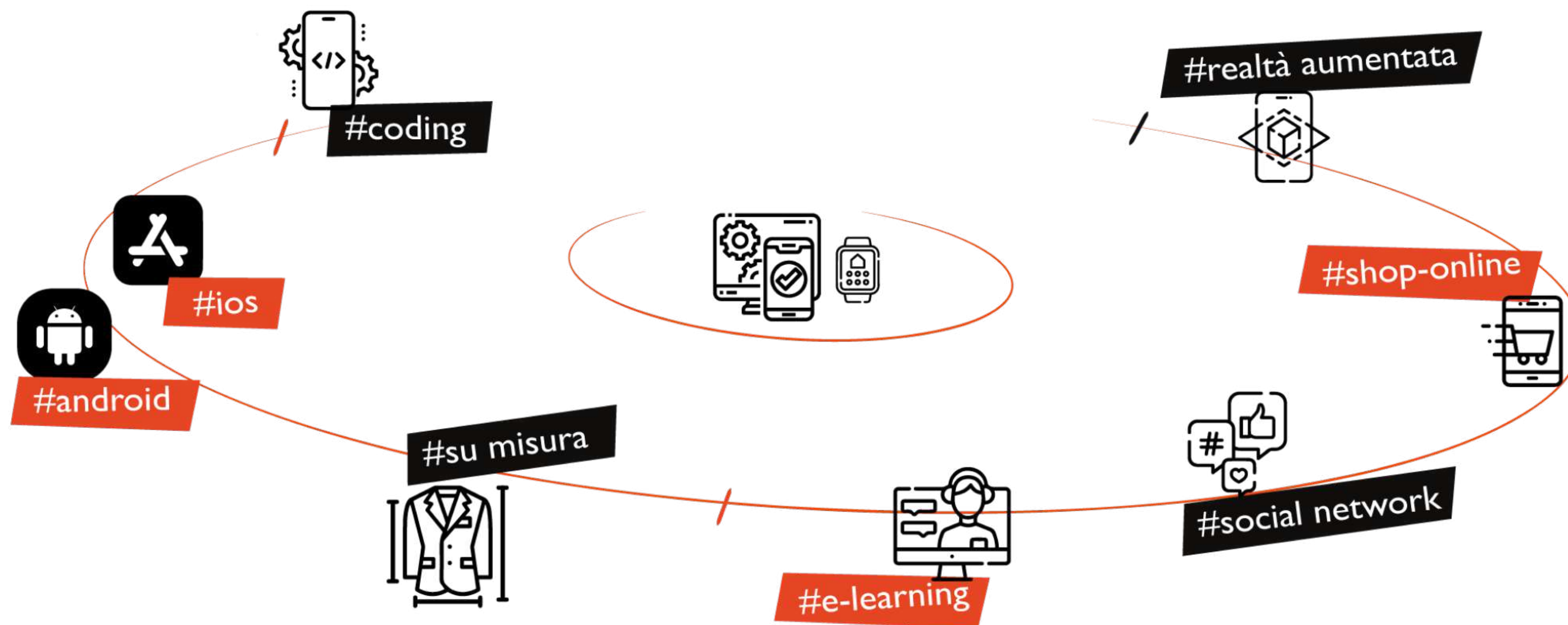
Fertile Female

trustworthiness 100%



Web 2.0 / Mobile

Apply designs, creates, and develops innovative Web 2.0 and Mobile solutions for applications in e-learning, social networks, event promotion, marketing, online shops, and virtual reality.



WARNER MUSIC GROUP

fidenza

SAMSUNG

PRINTED

**MOTOR
SHOW**

EXPO

Only4u
Not Ordinary Extraordinary.

coop
Alleanza 3.0

MISURA

Colussi
DAL 1791

Web 2.0 / Mobile

Samsung School



Client

Samsung Italia



Need

Introduce a mobile application for schools to **support teachers and students in organizing and conducting lessons both in-person and remotely.**



Applica solution

Designed, created, and developed a **mobile solution for managing courses, lessons, and exams** via Samsung tablets. Teachers can organize lessons and educational materials for each course. During lessons, the main devices can control the guest devices by moderating possible actions. The application also **manages questionnaires and class assignments** along with their evaluations. Additionally, students have access to a digital notebook function to take notes using the keyboard or stylus.

SAMSUNG



Web 2.0 / Mobile

Quality Check



Client

Coop Italia



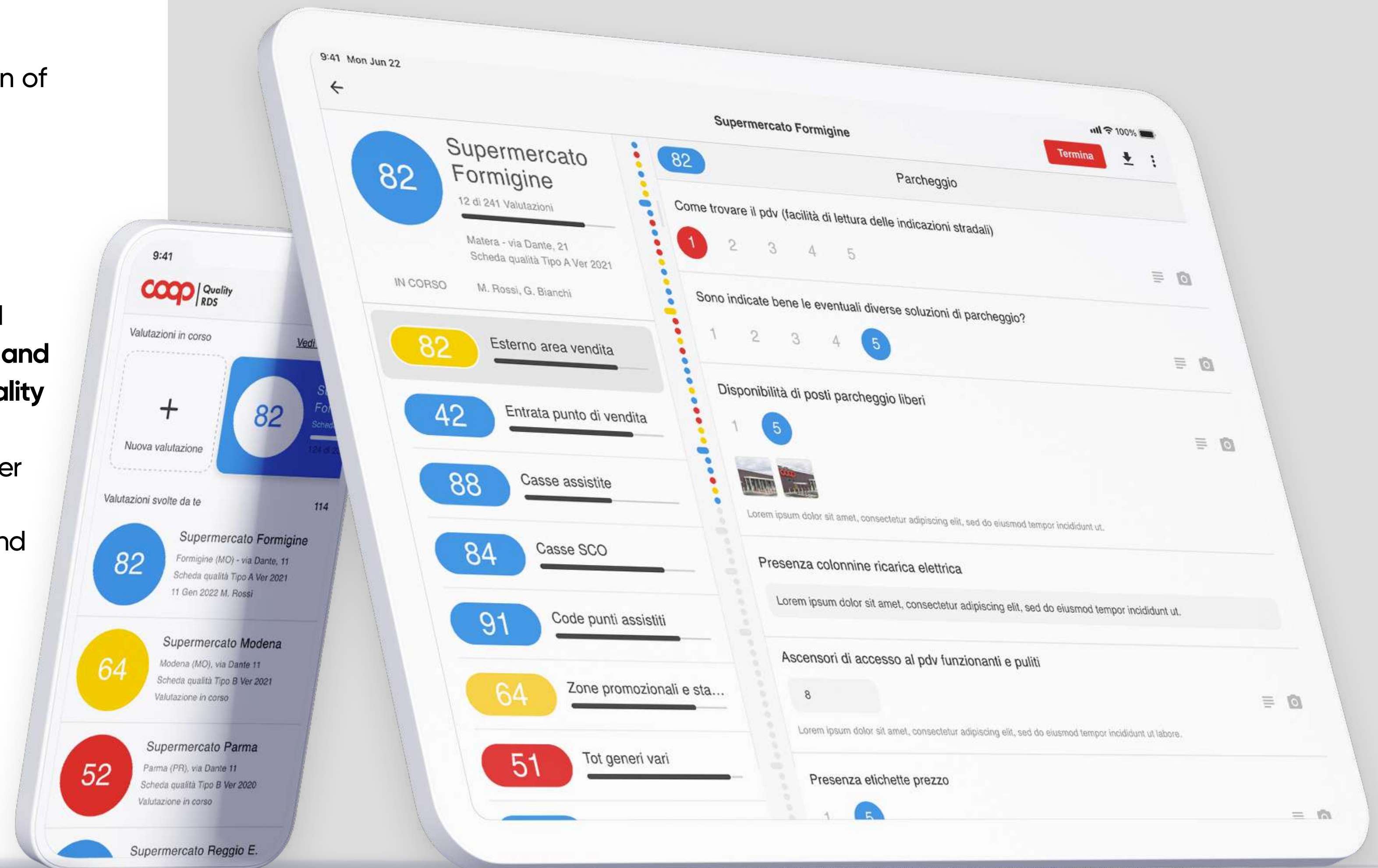
Need

Simplify and enhance the design and implementation of quality questionnaires.



Applica solution

Applica designed, created, and developed an **integrated web and mobile application for configuring, conducting, and monitoring questionnaires to recursively measure the quality of departments, functions, and areas of Coop-branded stores**. The project is based on an extremely functional user experience to simplify the completion of extensive questionnaires in collaboration with multiple evaluators and on the go.



Web 2.0 / Mobile

CicloAPPennino



Client
Colussi



Need

Promote the route, stages, and cultural highlights of the Apennine Cycle Route.

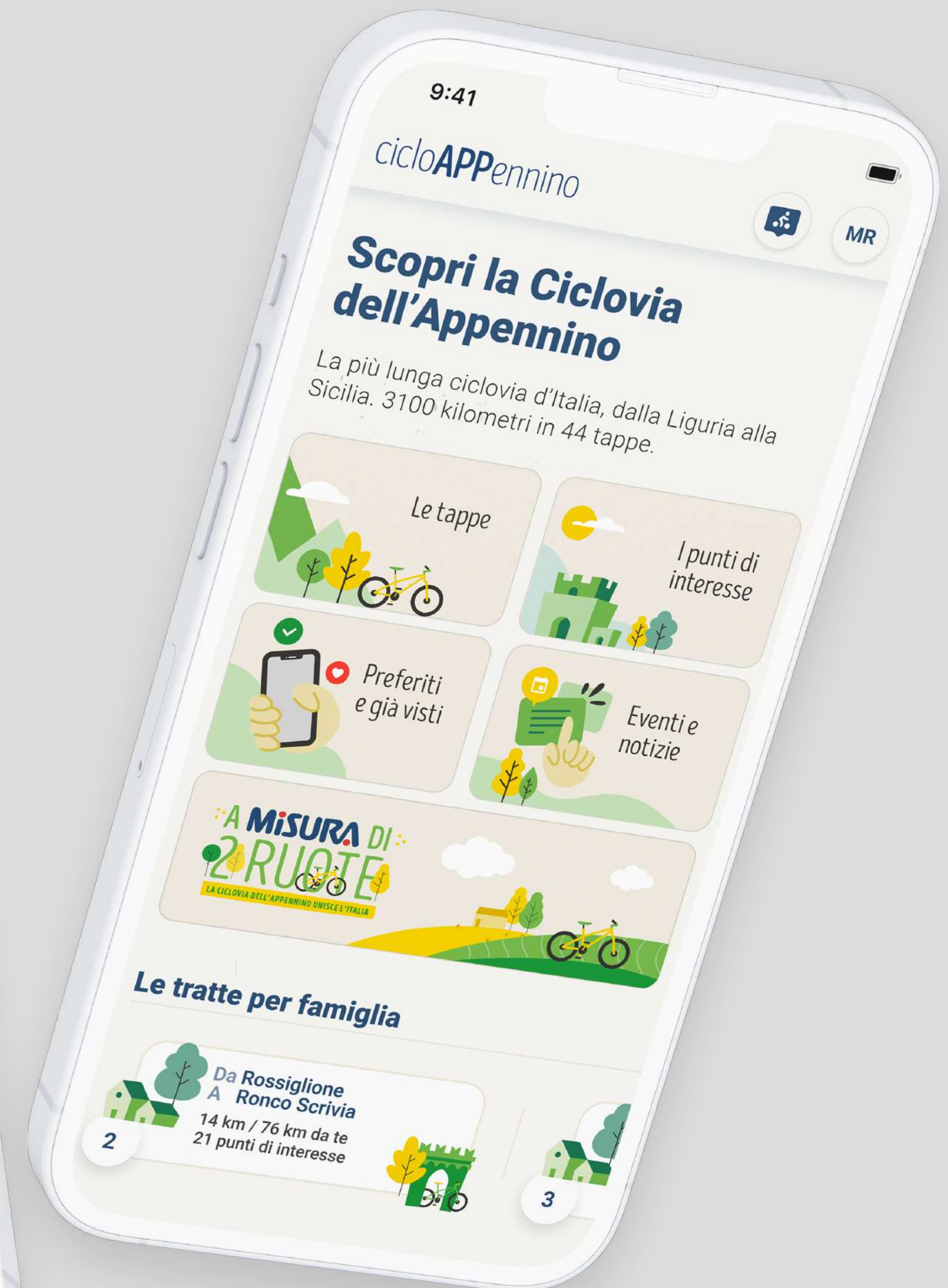
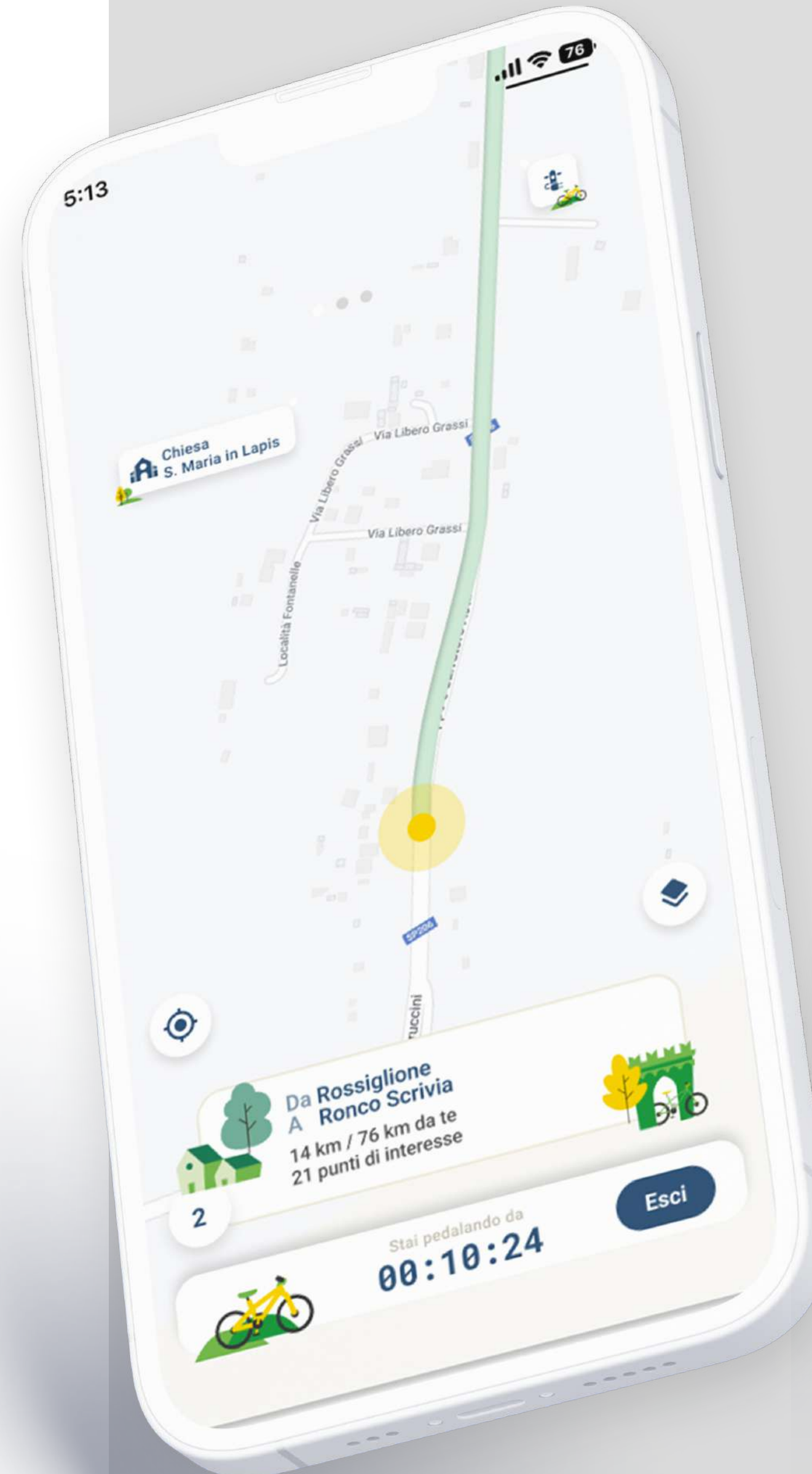


Applica solution

Applica designed and developed CicloAPPennino, **a mobile application to discover the 44 segments of the Cycle Route**. The app allows users to register and consult the **characteristics of the routes**, various points of interest, news, and events in the area. Once a segment is chosen, **users can enable the navigation feature to easily move along the route and mark their favorite points and visited stops**.

DAL 1791
Colussi

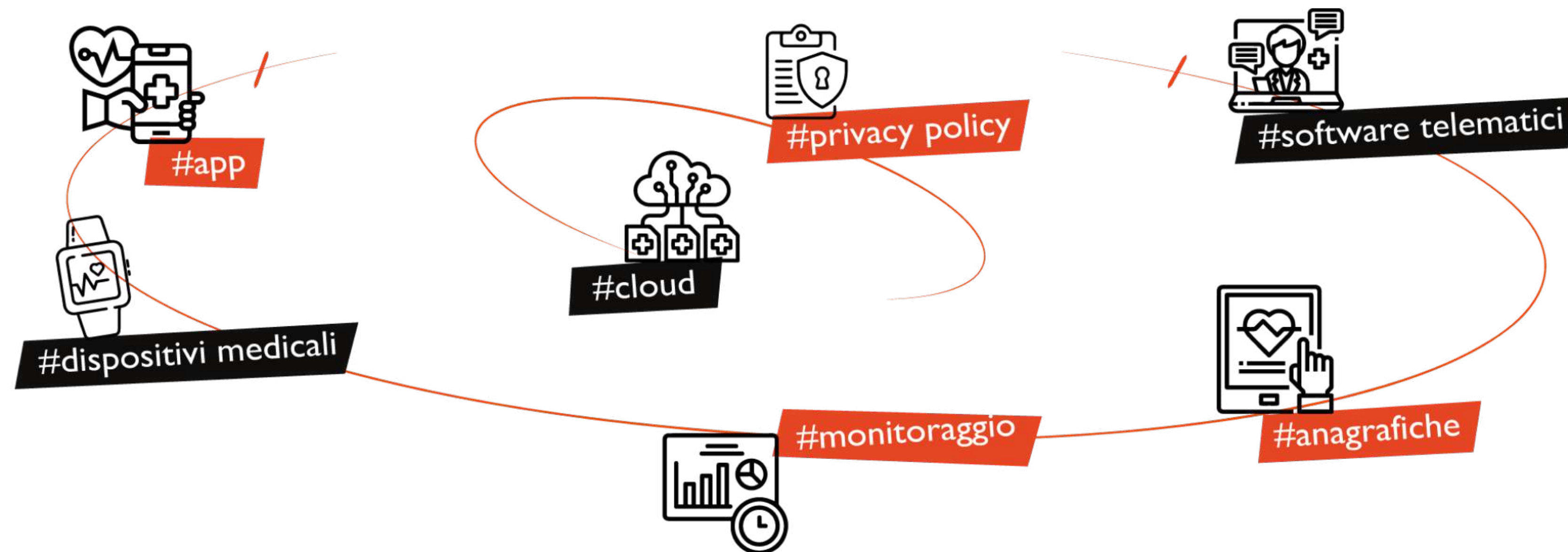
MISURA



Telemedicine

Our specialized teams have developed several web and mobile applications dedicated to the medical field:

- Web viewer for DICOM diagnostic images
- Remote Second Opinion platform
- Management platform for home care services
- Mobile app dedicated to the sale and management of wellness services: nutrition, sports, and medicine



Telemedicine

Medical Viewer



Client
Linkverse



Need
Launch a zero-impact DICOM viewer in the American market: **zero installations, zero plugins, zero latencies.**



Applica solution

Applica designed and developed a web cloud-based DICOM medical image viewer accessible from mobile devices.



Telemedicine

BrOxy



Client

LifeMeter SRL



Need

Improve user experience and accessibility of services related to the **wearable medical device** through **cloud-based technologies and approaches**.



Applica solution

Applica designed and developed a **cloud web and mobile platform for configuring and monitoring clinical parameters derived from connected BrOxy devices**. The project features a fast and **practical user experience** for guiding the installation and calibration of wearable devices and subsequently monitoring and reporting clinical data.

lifemeter[™]
srl



Telemedicine

Curami Tech



Client

Proges + Fondazione Casa della Carità



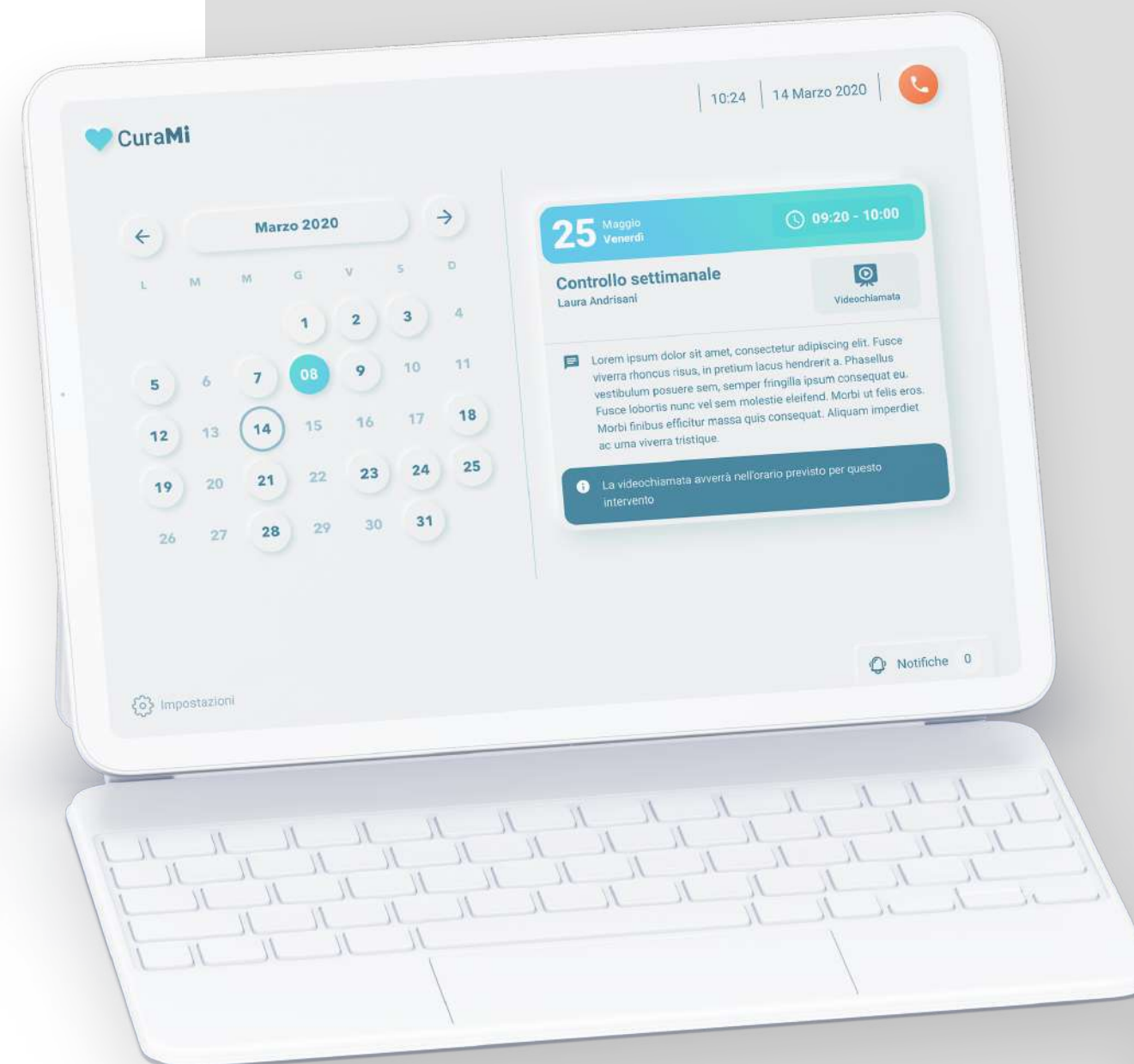
Need

Support home and residential care service strategies and empower patients and their families.



Applica solution

CuraMi Tech combines innovative technological solutions with socio-care needs. **The Web and Mobile software product is optimized to support the new RSA (Residential Care Home) model from patient intake to service delivery and reporting, meeting the needs of any organization active in socio-assistance services.**



Telemedicine Asclepius



Client
Koinè



Need
Develop and maintain a software product for general practitioners to manage their patients.



Applica solution
Applica supports the development of a cloud web solution for managing general practitioners' patients. The software registers patient profiles and manages their medical records. The system maintains a prescription diary history and interfaces directly with Sogei and national health information systems for managing electronic prescriptions.



Paziente

Alfredo Pisani
64 Anni- Milano

20 Mag 2023 14:50

30 MIN - AMBULATORIO ✓

Febbre e mal di gola

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Ricetta antibiotico



Crea ricette

18 Gen 2023 18:30

10 MIN - TELEFONO ✓

Covid

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Codice Malattia: 214121



11 Nov 2023 10:20

5 MIN - TELEFONO ✓

Dolore addome

Ricetta antibiotico



Products

SOLUTIONS GURU

Artificial Intelligence Document Field Recognition

The image shows a laptop screen displaying a web application for managing construction documents. The main area shows a detailed form for a concrete delivery order (DDT - N°0001986) from TranSport S.r.l. The form includes fields for destination (Giovanni Putignano e Figli S.r.l.), product details (CLS A PREST. GARANTITA DIM. MAX 10 MM), quantity (10.00 m³), and various technical specifications. It also features a section for 'RISULTATO SCANSIONE' (Scan Result) showing a list of scanned documents with their status (e.g., 100%, 90%). The interface is modern with a sidebar menu and a top navigation bar.

Scanfield

ScanField is designed to be integrated into the document management process. With a simple click, the result of the recognition of a paper document can be transformed into an accounting or inventory transaction.

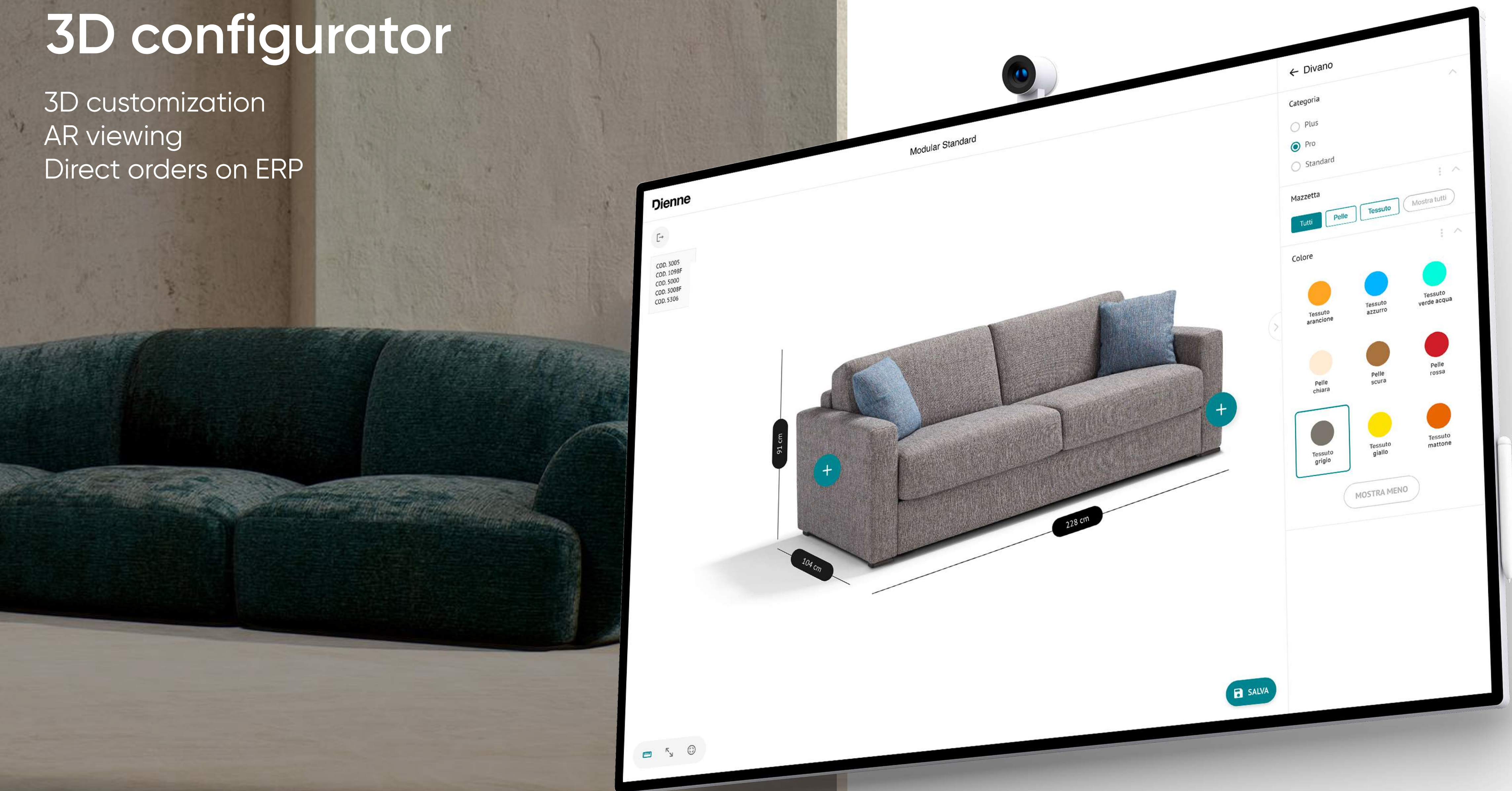
Sector Logistics, administration

Objective Streamline the document management process of companies through software that uses artificial intelligence for document field recognition.



3D configurator

3D customization
AR viewing
Direct orders on ERP



3D configurator

Web app designed to allow quick and simple management of the configuration of customizable furniture. The system allows you to customize items in a 3D environment and view them in real space via **augmented reality**.

Sector Upholstered furniture, furniture and fixtures industry

Objective Make the flow simple configuration and order of customizable furnishings and components

Store configuration

Catalog
management

Configuration rules

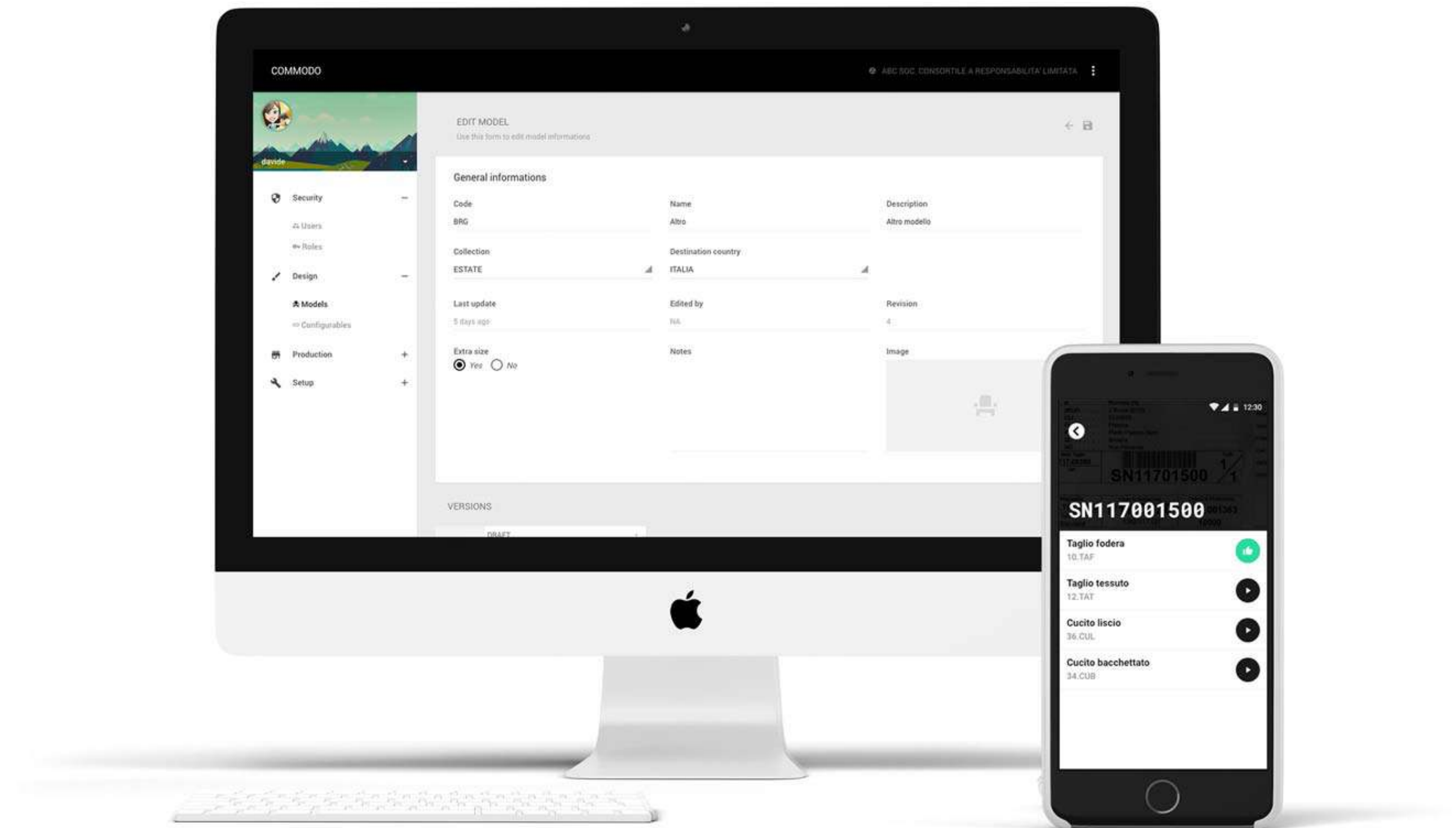
Article configuration

Management and
sending of quotes

Order management

Commodo

Integrated management of the Supply Chain

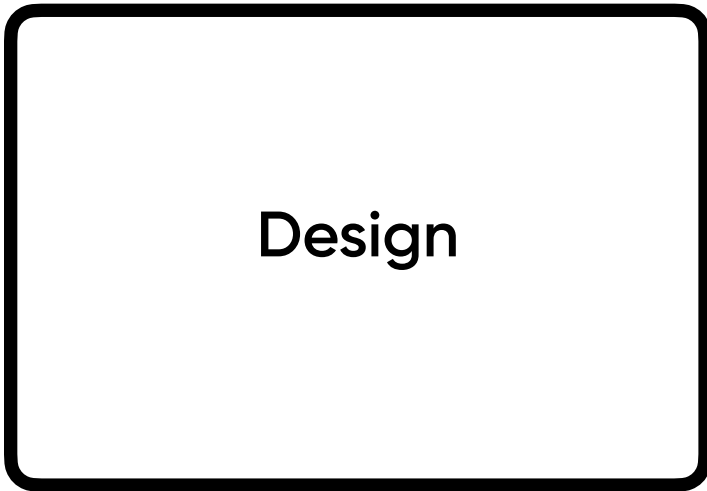


Commodo

An **integrated web management platform** designed for companies operating in the upholstered furniture sector that deal with the design and production of armchairs and sofas

Sector Upholstered furniture industry

Objective Make it flexible and simple control of the Supply Chain



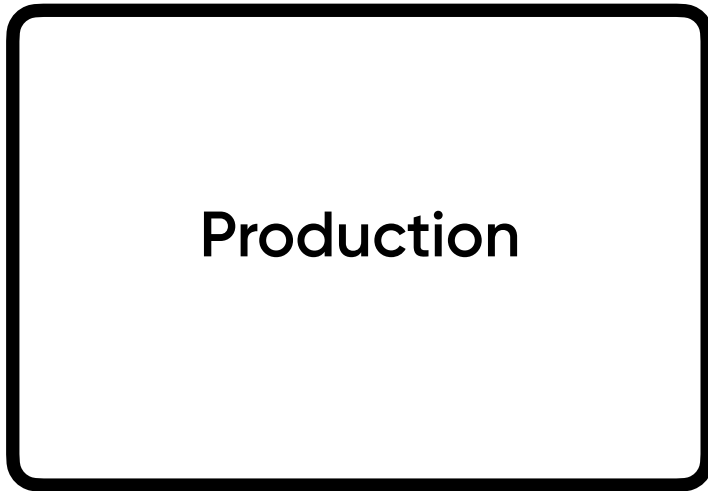
Automatic generation of Bills of Material for new models/versions



Order acquisition and management;
Automatic configuration new model variants



Procurement of raw materials based on warehouse capacity and sales order



Monitoring of processing phases on multi-plants and extended supply chains (contractors)



Optimization of transport of the finished product to the end customer to reduce the shipping cost



Management of complaints non-compliance, returns etc...

Palletizer

Integrated management of
AMR and collaborative robots

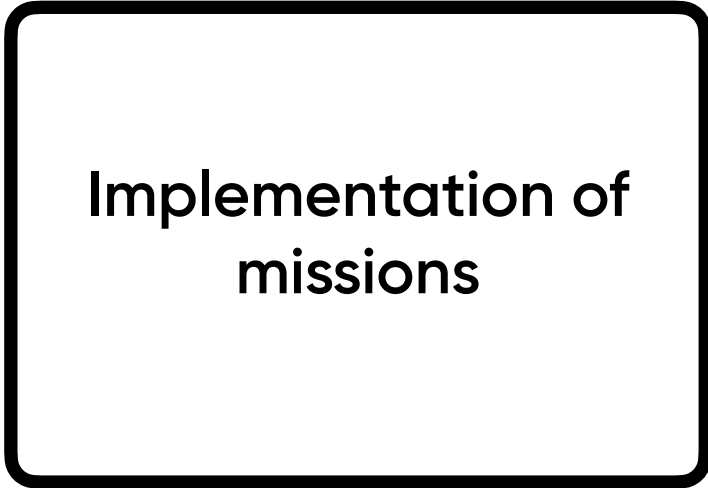
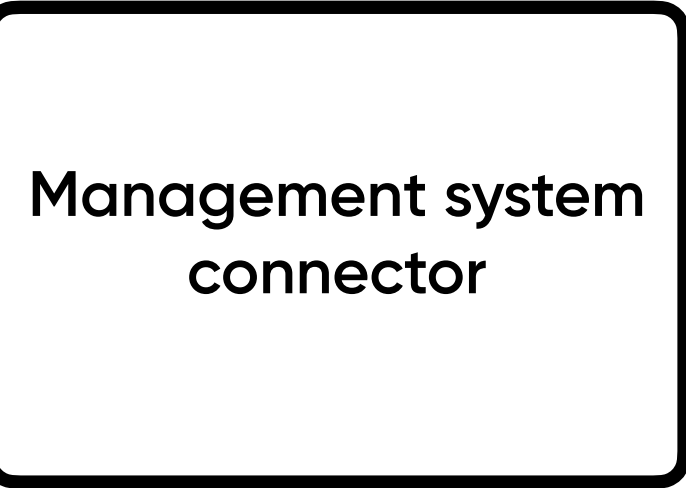


Palletizer

Integrated web and mobile management platform designed to combine and manage collaborative robots in basic tasks related to pick and place and palletizing

Sector Manufacturing production and logistics

Objective Integrated and simple management of cobots for pick and place and palletising



Integrated Management of Resources and Vehicles for Public and NCC Transport

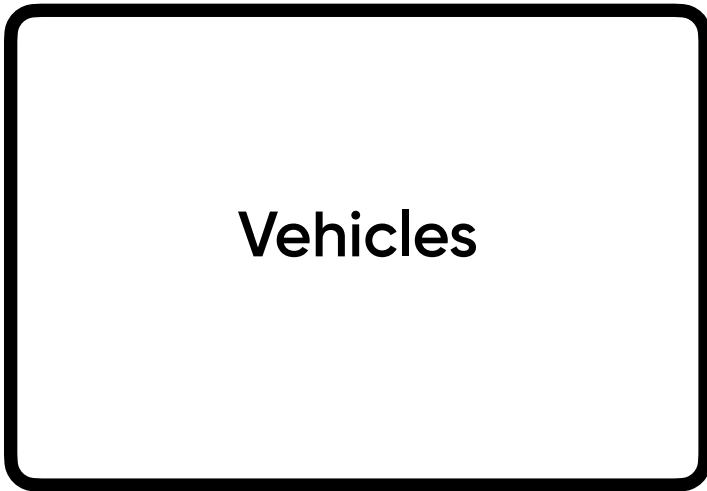
[illegible]

AppliBUS

A web platform for planning resources and vehicles for bus and car rental services and related management control.

Sector Public and private transportation

Objective Manage bus rentals and public transport



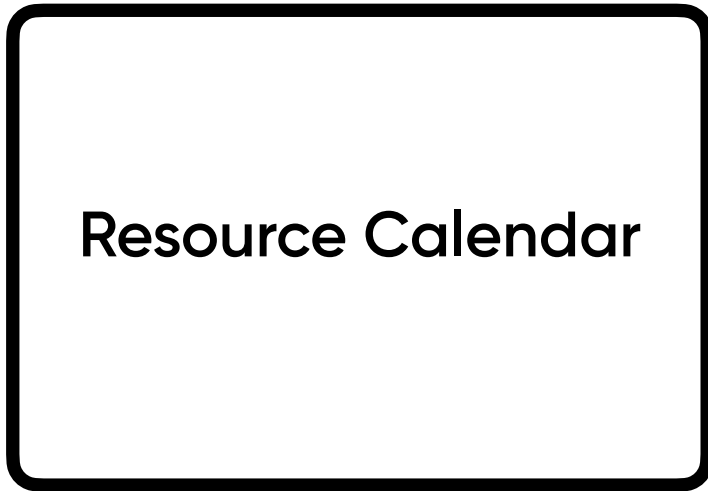
Vehicle registry with technical aspects and regulatory compliance information and deadline tracking



Automatic scheduling of planned maintenance with alerting and activity planning



Resource registry with group creation for shift scheduling



calendar for activity planning and shift changes; printable calendar and email notifications for drivers



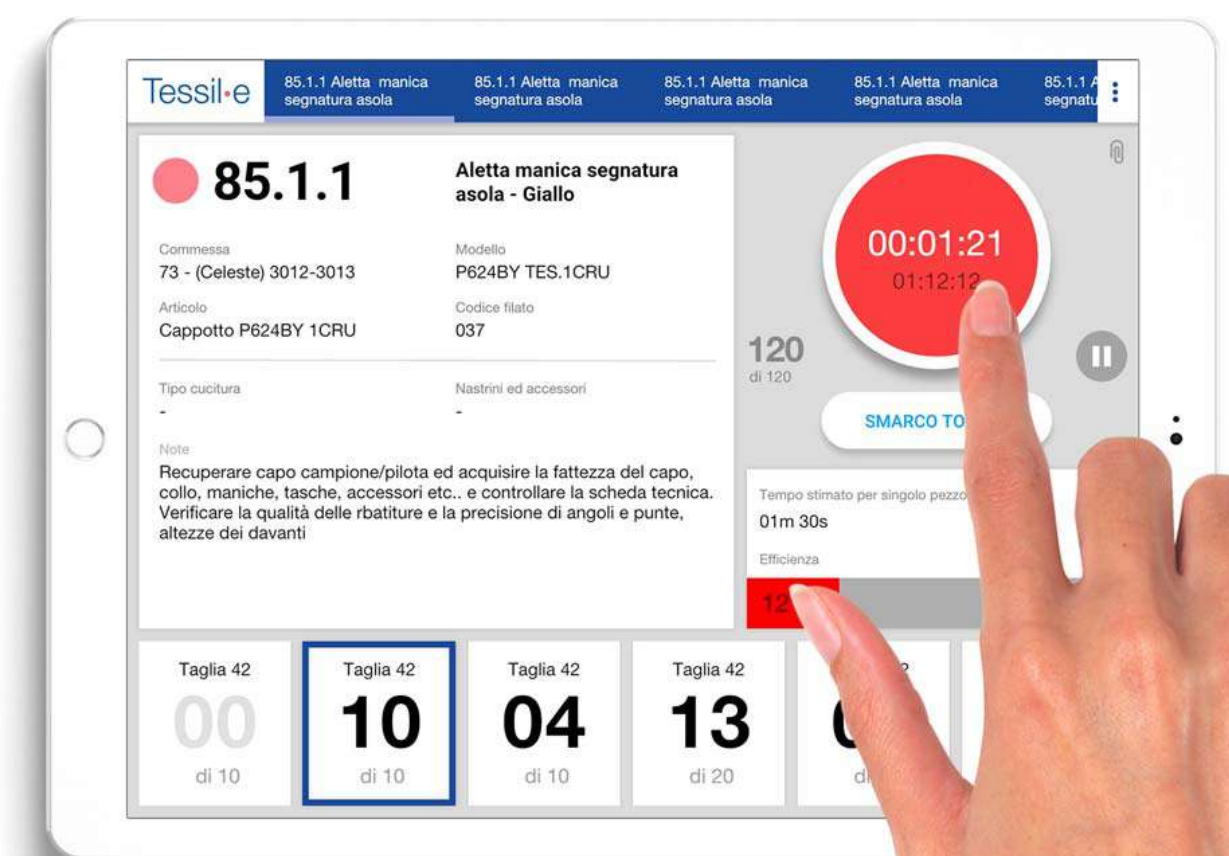
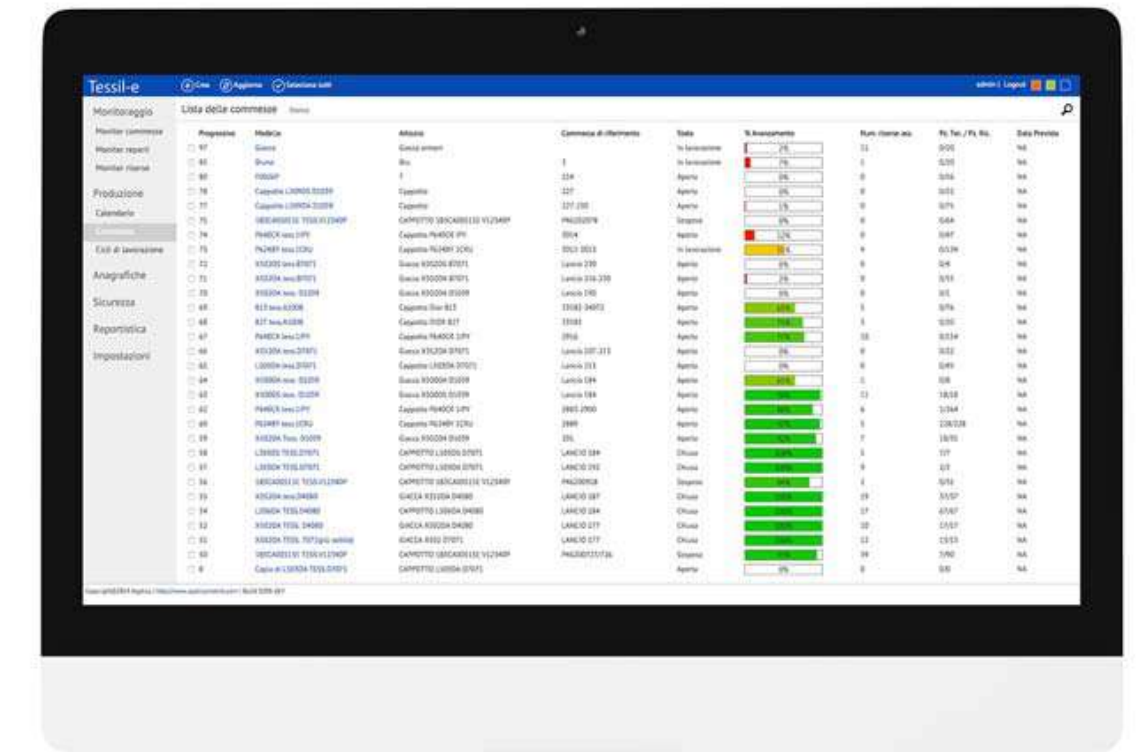
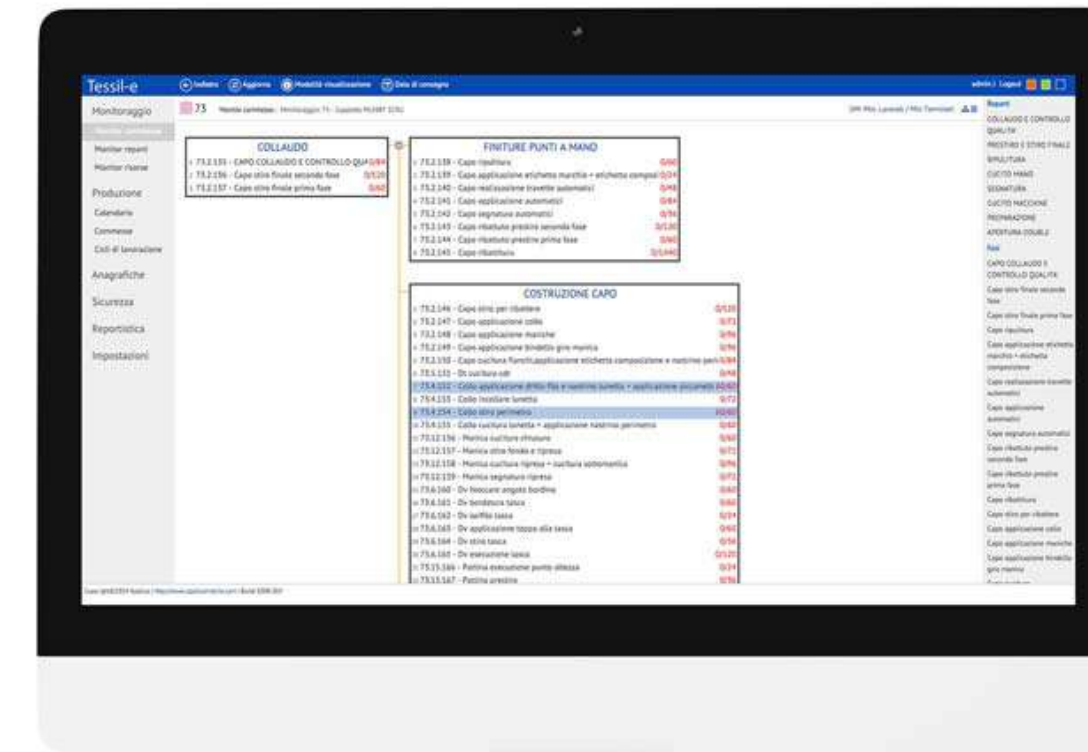
Vehicle and run rental planning using a weekly calendar with automatic allocation of vehicles and resources



Rental invoicing with automatic invoice registration in the ERP system; Line management to analyze profitability using analytical accounting tools

Tessil-e

Production Process Planning and Progress

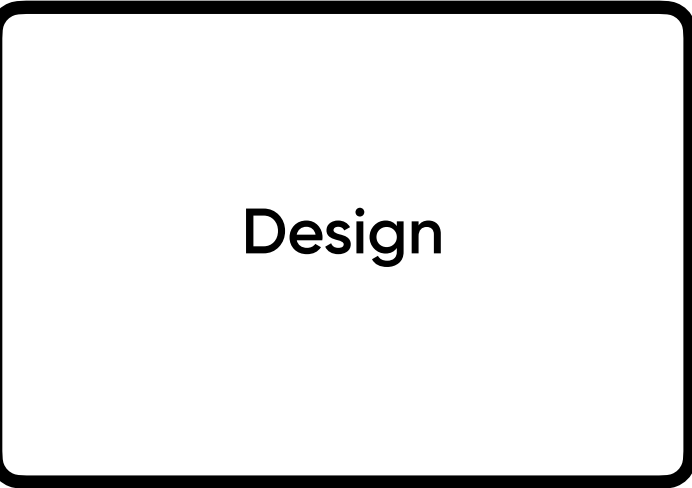


Tessil-e

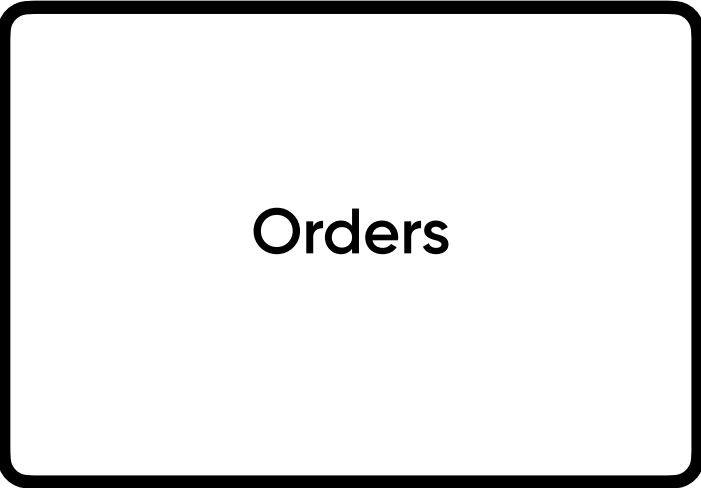
An **integrated web and mobile management platform** designed for companies in the textile industry.

Sector Textile industry

Objective Integrated management of the entire production cycle



Creation of work cycles by sequence and phase for each product



Management of orders with related production parameters



Resource control and allocation based on skills and delivery dates



Execution of work phases and cycles via mobile devices



Resource management based on departments, availability, and skills



Control and reporting of resources, orders, and production

Research

TECH GURU

Smart Factory -One vision

A ministerial project on the "Intelligent Factory" addressing "Evolving and Adaptive Production Systems for Customized Production." The project aims to design and implement a prototype platform to optimize industrial production times and costs through advanced Business Intelligence techniques and IIoT (Industrial Internet of Things) technology.

2020 - 2023



Indoor Navigator

Basilicata Heritage

A research and development project conducted within the technological cluster of the Basilicata region and in partnership with the most important national research bodies in cultural heritage (CNR and ENEA). The project addresses research and experimentation of different innovative systems for user engagement within cultural, archaeological, and museum sites. Apply proposes the design and prototype implementation of a Plug and Play platform for indoor museum navigation.

2022 - 2023



Compost Community

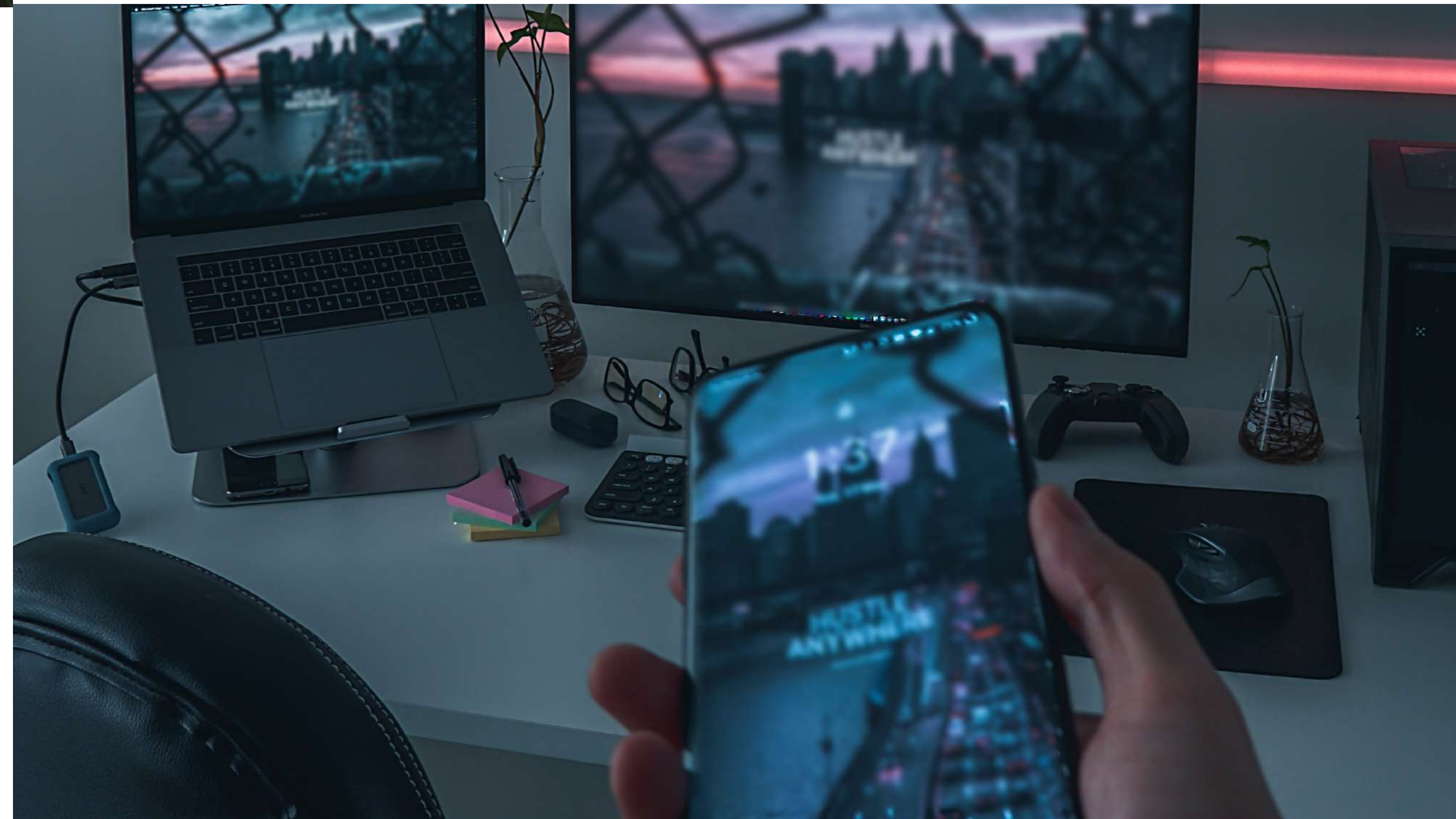
A research and development project for the Puglia region aimed at developing a sustainable community composting management model. Apply designed the web and mobile platform that serves as the fundamental tool to make community composting sustainable and feasible.

2019 – 2020

Recut

A research and development project funded by the Ministry of Economic Development (MISE) to design and develop a web and mobile platform for producing and enjoying high-definition interactive videos in real-time and remotely. The solution leverages 5G network capabilities and integrates the Algorand network to certify intellectual property rights of digital content via blockchain technology.

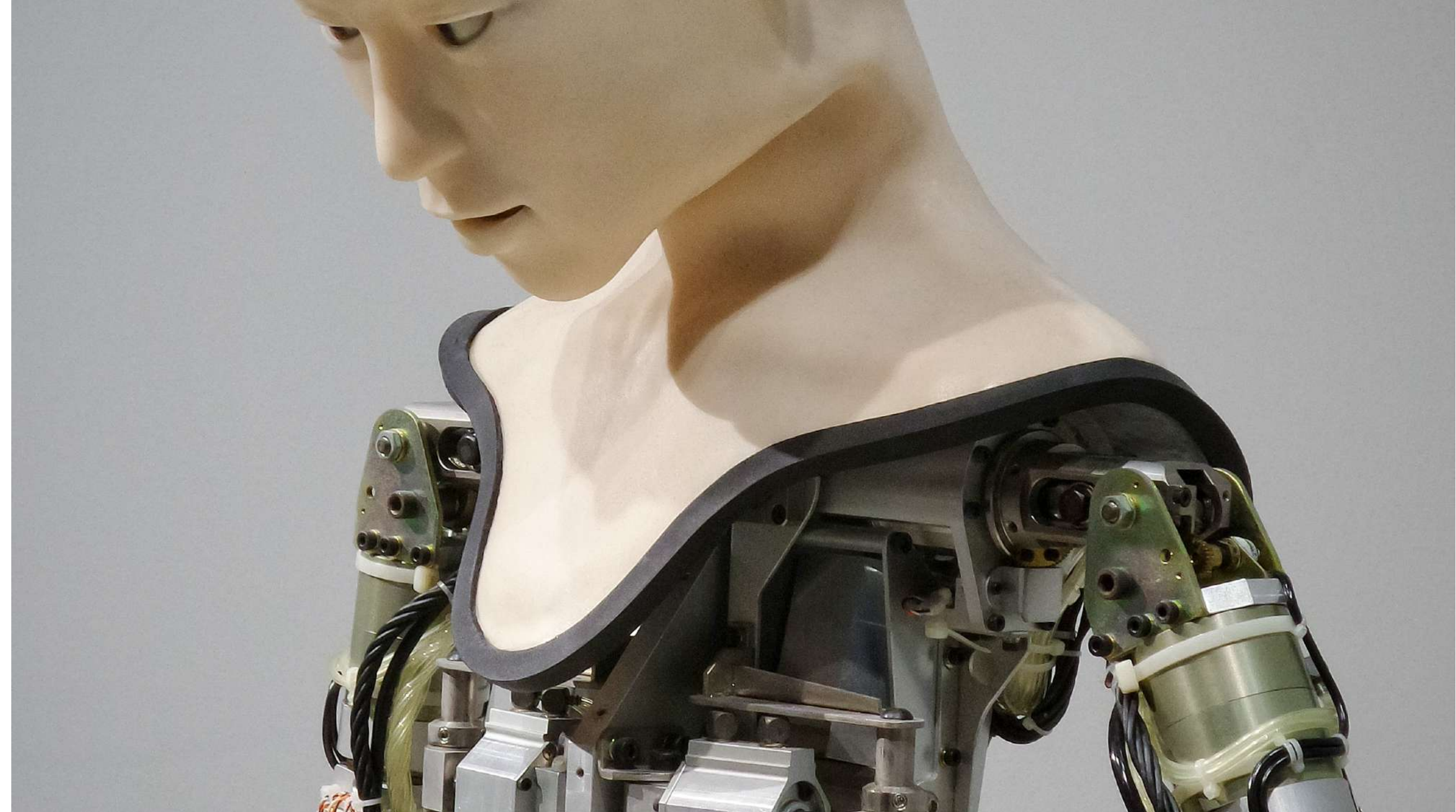
2022 – 2023



TessiBot

Design and prototyping of a robotic solution that replicates the human movements required to perform specific high-fashion sewing techniques. The project aims to create a system equipped with a Cobot capable of replicating human movements and reproducing them in a specific tailoring production context with the necessary speed, sensitivity, and precision.

2021 – 2022



ABC Blockchain

ABC is a blockchain solution implemented in Kotlin and JavaScript, based on distributed ledger technology with a private governance model and Proof of Authority consensus mechanism. The digital assets managed in the ABC blockchain are configurable through the use of programmable Smart Contracts.

2021



CRESP

CRESP (Cosmo Radar Expert System of Processing) is a research project developed with ASI for the production of DEMs (Digital Elevation Models) from images acquired by the Cosmo SkyMed constellation using InSAR and PSInSAR algorithms.

2012 – 2015

FOP

Future Our Past (FOP) is a Web and Mobile application dedicated to the world of experiential tourism, developed in partnership with Matera Hub. Selected tourism operators from eight different cities around the world (Alexandria in Egypt, Bethlehem, Beirut, Mahdia, Valletta, Cordoba, Amalfi, and Matera) have the opportunity to sell their "experience" tourism proposals.

2012 – 2014



Telemedicine

It is a project funded by the "Aid for Investment in Research and Development for SMEs in Basilicata" call, FESR 2007-2013. It is a product/service that supports elderly people and/or chronic patients. The system manages Teleassistance, Telecare, and Telemedicine services.

2014 - 2015



```
event.preventDefault();
$('.panel').addClass('is-visible');
});
//close the lateral panel
$('.panel').on('click', function(event){
  if( $(event.target).is('.panel') || $(event.target).is('.panel-close') ){
    $('.panel').removeClass('is-visible');
    event.preventDefault();
  }
});
});

jQuery(document).ready(function($){
  //open the lateral panel
  $('.panel-btn').on('click', function(event){
    event.preventDefault();
    $('.panel').addClass('is-visible');
  });
  //close the lateral panel
  $('.panel').on('click', function(event){
    if( $(event.target).is('.panel') || $(event.target).is('.panel-close') ){
      $('.panel').removeClass('is-visible');
    }
  });
});
```

Pucc J

PuccJ is a processing library that reduces deployment/loading times in development activities for JAVA applications. PuccJ optimizes resources and improves the production efficiency of the development team.

2016

Applica Software Guru

