ML 4.0
INNOVATION LAB

MEDITERRANEO LAB 4.0
think digital act sustainable

WHO WE ARE

Mediterraneo Lab 4.0 Srl, born as a strategic and management consulting company in 2017, transformed in 2019 into an innovative startup following research and development activities on **new technologies applied to the business model**.

After filing a patent in 2020 (registered by UIBM in 2022 with number: 102020000007453) called "Integrated **methods and technologies for tracing and certifying the skills and smart working of workers and multiplying welfare services in a sharing economy"** by our CEO Giampiero Zito, we have developed a Web3 Blockchain & A.I. based application, with registered trademarks in Europe and USA: "Workers Badge/Blockchain Credentials" and "JoB NFT".

Our vision puts technology at the service of people's needs (human-centered approach): **the Worker as a Top Player of Society 5.0!**

Our motto is: **THINK DIGITAL, ACT SUSTAINABLE!**

OUR PARTNERS

Mediterraneo Lab 4.0 Srl, thanks to open&international approach, has built a Network of Institutional Partners such as ANITEC-Confindustria, Innov Up, ED-TECH Italy, CLUSTER C.L.A.N., and a network of International Technological Partners such as ALGORAND Inc, INFOCERT (GRUPPO TINEXTA), DIZME FOUNDATION, MICROSOFT for Startups, AZURE, CISCO WEBEX, BC SOFT, AMLET.

INSTITUTIONAL PARTNERS

TECHNOLOGICAL PARTNERS

BLOCKCHAIN & WEB 3 SOLUTIONS

Blockchain technology is a computer system made up of communication protocols, network infrastructures and databases that allows storing any type of information in a decentralized, transparent, secure and immutable way, against any manipulation or corruption over time.

Blockchain is considered today the most important technology that allows "notarizing" data on distributed records and that makes them:

- Proof of attack
- Immutable
- Decentralized
- Verifiable
- Interoperable without manipulation

Mediterraneo Lab 4.0 has worked with international technological players in the sector and is also the holder of a patent for industrial invention, a method that involves the use of Blockchain, integrated with A.I.

As an innovative startup active in the development and implementation of web applications based on distributed records (D-Apps), Mediterraneo Lab 4.0 has created and launched on the market two web applications registered with SIAE:

WORKERS BADGE/BLOCKCHAIN CREDENTIALS operating in the training and work sector

ONIONCERT for certifying exams and verifying skills

Other web solutions such as **JOB NFT** are in research and development phase and will be launched on the market in 2024.
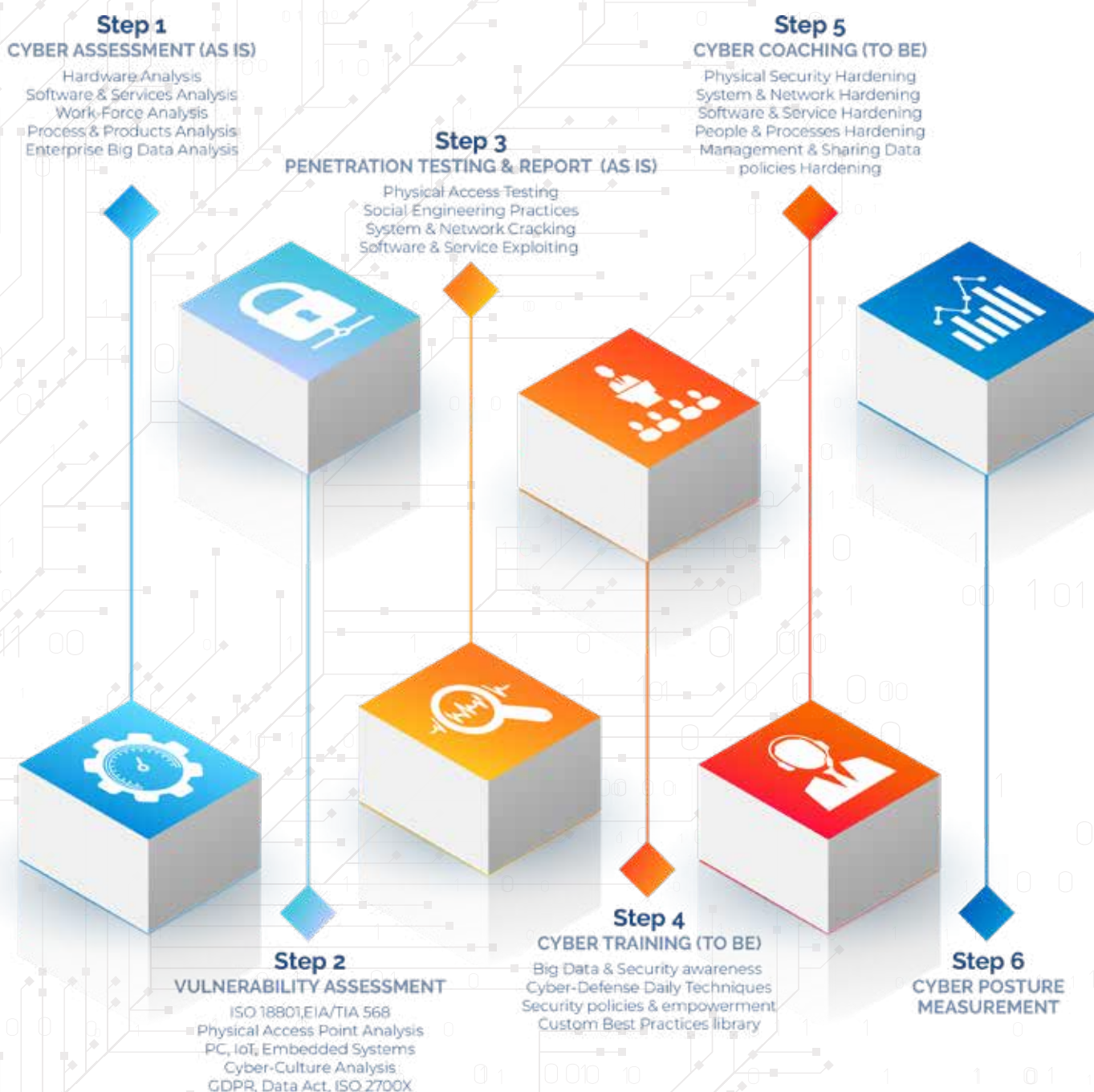
CYBER LAB 4.0

Research and development laboratory for solutions and skills aimed at managing and securing data in organizations.

The cyber security maturity of a company is a necessary journey that must be approached with competence and foresight, but also with clear actions and objectives.

Our CYBER LAB 4.0 model includes 6 distinct phases (as is ... to be!) that conclude with the Cyber Posture Measurement, which measures the level of security of a public or private organization.
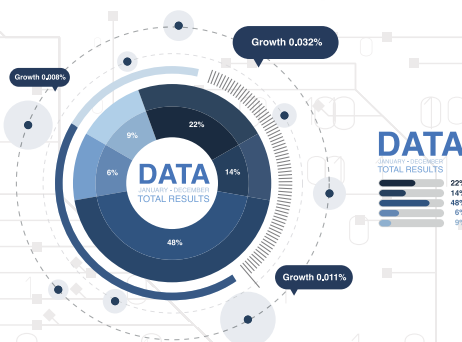
Step 1
CYBER ASSESSMENT (AS IS)
Hardware Analysis
Software & Services Analysis
Work-Force Analysis
Process & Products Analysis
Enterprise Big Data Analysis

Step 3
PENETRATION TESTING & REPORT (AS IS)
Physical Access Testing
Social Engineering Practices
System & Network Cracking
Software & Service Exploiting

Step 5
CYBER COACHING (TO BE)
Physical Security Hardening
System & Network Hardening
Software & Service Hardening
People & Processes Hardening
Management & Sharing Data policies Hardening

Step 2
VULNERABILITY ASSESSMENT
ISO 18801,EIA/TIA 568
Physical Access Point Analysis
PC, IoT, Embedded Systems
Cyber-Culture Analysis
GDPR, Data Act, ISO 2700X

Step 4
CYBER TRAINING (TO BE)
Big Data & Security awareness
Cyber-Defense Daily Techniques
Security policies & empowerment
Custom Best Practices library

Step 6
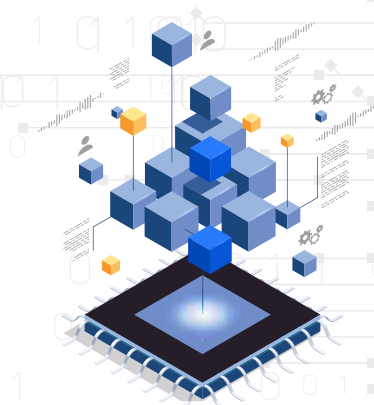**CYBER POSTURE MEASUREMENT**

DIGITAL TRANSFORMATION PROCESS

Digital transformation represents an unprecedented challenge and an opportunity not to be missed for organizations of all sectors and sizes: digital is a management factor, even before it is technological. In this context, **Digital Business** requires new professions and new skills based on an interdisciplinary approach. We at Mediterraneo Lab 4.0 are able to support companies in developing innovative business strategies that can take advantage of digital transformation opportunities. From **Design Thinking** techniques to the **Lean Start-up** Methodology, we offer an integrated, strategic, organizational and technological innovation vision. We at Mediterraneo Lab 4.0 offer our clients innovative business models and strategic research and development (R&D) plans after measuring the impact of big data on corporate organizations for the industry of the future!"

Measurement and evaluation of the company's and human resources' digital maturity level

Building of the company's "data-driven strategy" and impact of big data on the value chain

Pilot R&D actions to improve 5 pillars of digital maturity: Organization, Strategy, Technology, Operations, Customer

TRAINING 4.0

Mediterraneo Lab 4.0 offers its clients proven skills, tools, and methods to plan and implement programs for c**hange and empowerment of human resources** present in the company (managers, c-level, etc.), both in digital (synchronous and asynchronous) mode and in person with funded courses and ad-hoc events.

The training programs on industry 4.0, digital transformation, innovation management, cyber security, and technologies such as blockchain, structured for client companies, comply with **ISO 9001 quality** requirements.

Our goal is to make our clients competitive in the international market as well.

By using our distinctive set of services and deep-experienced Training and Coaching specialists, we focus on:

* analyzing training needs (**company assessment**)
* measuring the hard & soft skills of the recipients (**skills assessment**).
* delivering high-quality training programs based on case histories, classroom interaction, **team building**, and individual **coaching** and **mentoring** programs, especially on **digital skills**.
* Mediterraneo Lab 4.0, to respond to the needs of change in the business and societal world, proposes the establishment of permanent **innovation labs** in the company (support networks) to promote knowledge, training, cross-functional contamination and interaction with external innovation players on the **industry 4.0** theme (cyber security, big data, A.I., 3D printing, human-machine interaction).

Facebook   LinkedIn   Telegram