

Blockchain Technology and IoT **for the Business World**

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CORE BUSINESS

Based on **DLT technology**, blockchain is revolutionizing the way we manage every **data transaction**: distributed ledger, transparency, data immutability, and customizable consensus levels are its key features.

The integration with **IoT devices** enables communication between external sensors and the BLOCKCHAIN ecosystem, opening the door to **endless application possibilities** across a wide range of industries.



MISSION & VISION

ADAMANTIC provides solutions that make the adoption of DLT technology at the enterprise level smooth and fast. Since 2017, it has been enabling the simple and secure integration of blockchain technology across all business environments. In addition to managing the development of the entire technological framework of a typical IT project, ADAMANTIC specializes in implementing innovative tools based on Blockchain technology and distributed ledgers, also integrating specific IoT devices and connecting with Machine Learning, Business Intelligence, and Enterprise Integration systems.

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TRUE
TECHNOLOGICAL
PROGRESS IS THAT
WHICH IMPROVES
LIFE, NOT JUST
PERFORMANCE.

Team



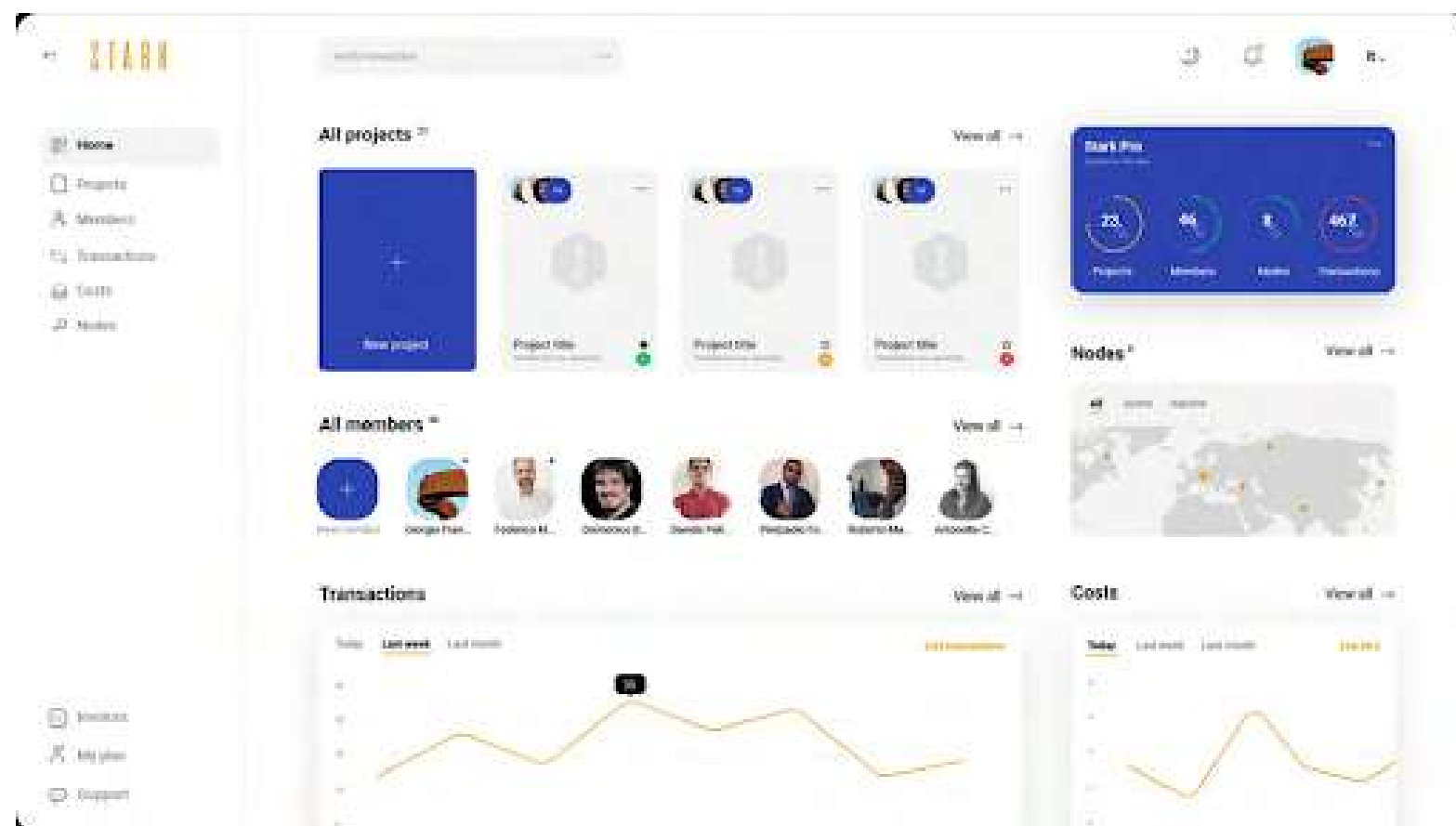
Today, ADAMANTIC is composed of a team of specialized technical, commercial, and marketing professionals, united by a shared passion for research and development in the field of Blockchain. The company operates from its headquarters in Rome, in the Prati district.

ADAMANTIC features (I) an in-house area dedicated to Research and Development of high-performance technologies and innovation, and (II) a B2B market offering for project implementation. Additionally, our team is actively involved in various IT technology ecosystems, where it carries out (III) high-level outreach and training activities.

To meet these needs, the company carefully selects senior developers, analysts, and functional specialists, offering them stable positions and the opportunity to fully express their passion for the practical application of the latest technologies, within a young, dynamic environment with strong enterprise-level expertise.



OUR SOLUTION SERVING BUSINESSES



RESEARCH AND DEVELOPMENT

The opportunity to conduct research and development on frontier technologies such as IoT (Internet of Things) and Blockchain fuels ADAMANTIC's passion and **determination to innovate**, also through proprietary solutions dedicated to the enterprise market. Our internal research has led to the creation of **STARK Data Chain**, a blockchain solution offered to companies as a starter kit for activating blockchain processes (such as data certification) without the need for specialized personnel or the need to develop blockchain solutions from scratch.

STARK Data Chain — Key Advantages

- Fast Implementation: Immediate access to blockchain processes without developing custom solutions.
- Simplicity: No complex software installations required.
- Resource Optimization: No need to hire blockchain specialists.
- Cost-Effectiveness: No infrastructure costs; pay per actual usage.

OUR CERTIFIED SUPPLY CHAIN SOLUTION FOR BUSINESSES



Research and Development

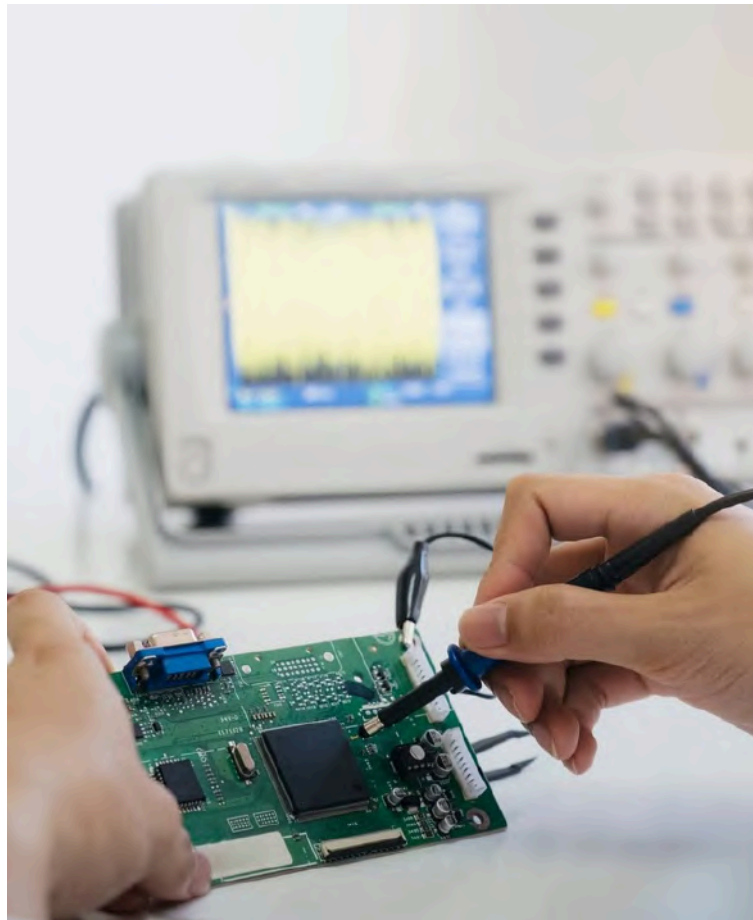
ADAMANTIC has developed and launched an innovative platform for **blockchain-based certification of the value chain**, currently used by manufacturing companies for the traceability of Made in Italy products.

A-Tracer is a new platform designed by ADAMANTIC for **end-to-end tracking**, with the aim of integrating supply chains and optimizing data management with a comprehensive, 360-degree vision. Fully customizable, A-Tracer integrates multiple functionalities and ensures secure and seamless interactions between the various actors in the chain, creating a transparent and sustainable supply network.

Through the use of advanced technologies such as **IoT, blockchain, and data analytics**, A-Tracer provides real-time visibility, enabling companies to efficiently manage and communicate all production, logistics, and distribution information — from raw materials to the retail shelf.



"IOT FOR TRACEABILITY AND AUTOMATION



Hermes is an IoT platform developed by ADAMANTIC to simplify communication between smart devices and information systems, ensuring a data flow that is clear, controlled, and scalable.

Acting as a modular and interoperable gateway, Hermes handles heterogeneous protocols, collects real-time data, and orchestrates digital processes even in complex industrial, embedded, or smart environments.

Hermes is designed to integrate seamlessly with existing infrastructures, thanks to centralized module management, full configurability of each component, and complete visibility over data flows. Its reliability, control, and scalability make it the ideal solution for building robust, efficient, and manageable IoT ecosystems.

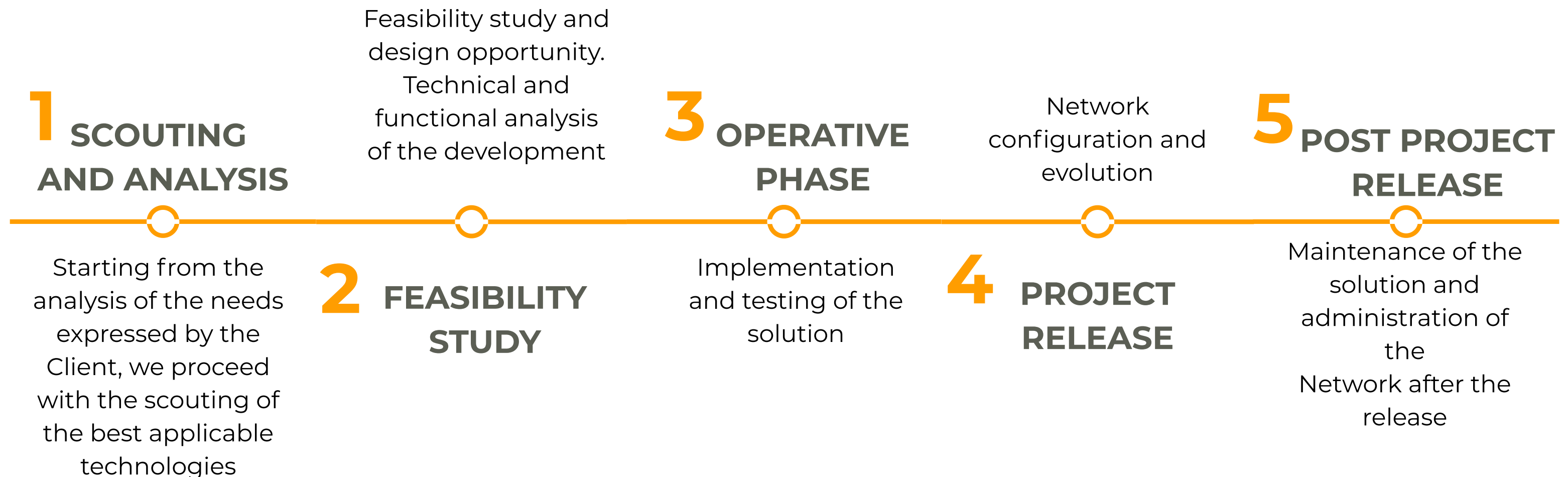
The platform is modular and adaptable to various sectors, including energy, supply chain, insurance, public administration, and manufacturing.

Research and Development

NOT ONLY BLOCKCHAIN!

PROJECT REALIZATION PHASES

FLOW DI PROJECT MANAGEMENT:



PROJECTS AND MARKET

PROJECTS AND MARKET

CASE STUDY AND BEST PRACTICE

Over the years, ADAMANTIC has built a strong **portfolio of references** in blockchain technology, offering proprietary customized solutions for various enterprise verticals. Each industry sector has multiple opportunities to leverage the unique features of blockchain technology, starting from their **specific goals and market challenges**. Here are some of the main verticals that ADAMANTIC has successfully developed with expertise and innovative vision:



PROJECTS

In the last few years ADAMANTIC has faced and solved implementation projects on Public Tenders and in private contexts (small, medium and large companies). Below are the most significant projects in technological terms.



Ministry of Cultural Heritage: Development of a Digital Asset Management and Access Control Platform for Museum Sites



GSE (Energy Services Manager): Development of Two Blockchain PoCs for Energy Community Management and Token-Based Reward Systems, and Transparent, Certified Management of the "Thermal Portal" Procedure for the Allocation of Energy Incentives



ICE (Italian Trade Agency): Platform for the Autonomous Creation of Certified Blockchain Tokens to Guarantee the Traceability and Authenticity of Made in Italy Products



City of Rome (Roma Capitale): Collaboration on the Innovative "Platoon" Project for Optimizing Energy Management



A-LIVE MUSIC NFT Project - NFT Blockchain Tokenization Platform for "Live Events"



UNCONTAMINATED NFT Minting with Primary and Secondary Marketplace for Photography Certified on Blockchain



AESTHETES NFT Minting Project for ARTWORKS (Physical and Digital) – Ripple Blockchain



BT ENGINEERING SmartLocker – Secure and Scalable IoT System for Intelligent Access Management and Data Protection

PROJECTS



CSEA – PoC for CSEA on the Use of Blockchain for Security, Transparency, and Identity Management in Information Flows.



DIGITAL GOLD – "KYC" Project – Certified Registry Infrastructure for Users to be Registered on Blockchain.



GOLDEN GROUP – Marketplace Project with Blockchain Minting, Value Appreciation Over Time (Crypto).



CIRCUITO MARCHEX – Commercial Credit Circuit Project with Internal Minting, Stablecoin, Blockchain.



BICI SCHIANO – Complete Platform & Mobile App for Blockchain-Certified Bike Sharing Management.



HEALTHIA – HAPPYSALUS Project - Healthcare Context - Certified Blockchain Management of Sensitive Data.



REBO – Blockchain Smart Contract for Data Processing from IoT.



EDSX - European Digital Assets Exchange GmbH – Blockchain Tokenization Platform for Investors.



STROLLER SHARING – Blockchain-Certified Stroller Sharing Platform.



NOTIFIKA – Blockchain Certification of Content Related to the Activities of Accountants.



REALHOUSE – Blockchain Tokenization of Real Estate Assets.

PROJECTS



YHOP – Blockchain-Certified Supply Chain Management for Craft Beer



MEXCHAIN S.p.A. – Development of an Autonomous Internal Mathematical Currency Payment System, Certified on Blockchain.



CONVENTION BUREAU ROMA E LAZIO – Platform for Offer Presentation and Lead Management for Members (Luxury Accommodation for Corporate Events and International Conventions).



MNEMONICA – Feasibility Study in the Audiovisual Industry for the Tracking of the Supply Chain from Daily Footage to Master on Blockchain (Television and Cinematic Content).



CIRCULAR – Development of a Blockchain-Certified Platform for Managing Transactions Between Physical Assets Linked to Road Transport.



POC BAGTRAX – Mobile App Connected with IoT and Blockchain for INSTANT INSURANCE with Automation via Blockchain Smart Contracts.



CONNECTION MEDIAZIONI – PoC for CERTIFIED CREDIT MANAGEMENT via Blockchain (Wallet, Custom Smart Contracts).

NEXT GENERATION GATEWAY L.t.d. – CRYPTOPAYMENTS Project – Multi-Currency Blockchain Payment System (for e-commerce and retail stores).

INNOVATIVA BLOCKCHAIN – MICROGRID Project – Certified Smart Metering Connection on Blockchain.



CryptoCompliance & Forensic

Investigations and Compliance for Secure Digital Assets

Adamantic Forensic supports businesses, law firms, and private clients in handling crypto thefts, investigating suspicious transactions, and meeting regulatory requirements. A multidisciplinary approach ensures compliance with KYT, the Travel Rule, and MiCAR, combining technical, legal, and regulatory expertise to strengthen blockchain security.

TRAINING WORKSHOPS

ADAMANTIC has been actively organizing and delivering **workshops** for businesses for years, focusing on Blockchain technology. These workshops address not only the more **technical needs** (specialized IT training for corporate IT departments) but also provide the **business knowledge** necessary for managerial figures to drive their innovative strategies. ADAMANTIC's consistent presence at dedicated forums, participation in events, and ongoing market monitoring and experimentation enable the company's personnel to play an informative role for those in the **enterprise sector** who wish to explore the potential applications of blockchain technology for their specific business needs.



WE ACTIVELY SHARE OUR EXPERTISE THROUGH INDUSTRY ASSOCIATIONS AND EDUCATIONAL INSTITUTIONS, DRIVEN BY OUR STRONG BELIEF IN COOPERATION AND CONTINUOUS LEARNING.



Members of the **Blockchain Italia Association** A non-profit organization aimed at the multidisciplinary dissemination and scientific research on blockchain technologies. We are coordinators of working groups and active members in various innovative scenarios.



'**EU Tech Chamber** (EUTECH) is a registered NGO that helps tech companies become more competitive, sustainable, and grow both in Europe and globally. ADAMANTIC has participated as a panelist in multiple webinars focused on various industries.



ADAMANTIC is a member of **ASSINTEL**, the national association representing ICT and digital companies, and is also a member of Confcommercio. Active in Lombardy and Lazio, ADAMANTIC provides consultancy services and organizes training webinars



For years, we have participated as instructors in various Master Labs on Blockchain Technology at **The FUTURE SCHOOL of ATENEO IMPRESA**. We train managers and students on topics related to the enterprise operations of blockchain.



For several years, we have been members of **Anitec-Assinform**, the Italian Association for Information and Communication Technology (ICT), one of the leading industry associations for all companies involved in ICT usage and the development of digital innovation.



ADAMANTIC is a founding member of **ITALIA4BLOCKCHAIN**. We are committed to the study, dissemination, and knowledge of blockchain in Italy. Pierpaolo Foderà is one of the national board members and the appointed representative for the Lazio region.



Partner of the **ITALIAN INSURTECH ASSOCIATION**, the leading Italian association for stakeholders in the insurance sector who aim to innovate and develop products and offerings to address the new challenges posed by the digital consumer.



Members. **EDSX** is one of the first digital IPOs or security token exchanges. ADAMANTIC provides technical support to companies that choose to leverage the innovations and services offered by EDSX.



ADAMANTIC is part of the **ICT Innovation Hub of the Piedmont Region**, a network that brings together excellence in ICT and Digital technologies to develop innovative businesses and R&D projects with strong potential for the economic landscape.



ADAMANTIC is actively engaged with several **universities**, collaborating on research and development projects and participating in innovation funding programs.

COLLABORATION





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