

## SIACHAIN

# The private blockchain for financial institutions, corporates and the public administration

SIACHAIN is the private infrastructure created by SIA to develop, in a secure and protected manner, innovative Blockchain applications based on Distributed Ledger Technology (DLT).

SIACHAIN makes a series of business applications available to communities of registered, approved members (be they financial institutions, corporates or public administration bodies) in which transparency, confidentiality and security are guaranteed as shared rules.

The SIACHAIN infrastructure can count on around 580 network nodes in Europe of SIAnet, the high-speed, low-latency fiber-optic network stretching over 170,000 kilometers, created and managed by SIA.

SIACHAIN is at the heart of the **strategic partnership between SIA and R3** aimed at speeding up the global development and adoption of blockchain applications.



**170,000 kilometers  
and 580 network nodes**



**Transparency,  
confidentiality and security**



**Optimization of costs  
and investments**

## Possible areas of use

- Automated checking of agreements and contracts (smart contracts);
- Management of banking, financial and insurance services (mortgages, insurance policies or credit risk analysis);
- Management of digital identities (checks and records of authorized accesses to systems and applications);
- Tracking of ownership of goods and property (smart property);
- Management and recording of government, health and administrative data.

## Advantages

- Security, integrity and confidentiality (encrypted, segregated channels enabling private peer- to-peer networks);
- Improvement and simplification of back-office processes;
- Optimization of management costs and infrastructural investments;
- Sharing of knowledge and technological competences;
- Overcoming of know-how gaps among members of the various communities;
- Guaranteed SLAs, no single point of failure.