

“Privacy and security of our data and our internet space are the biggest problems of this electronic age and only blockchain technology can solve this!”

### Mission and Vision

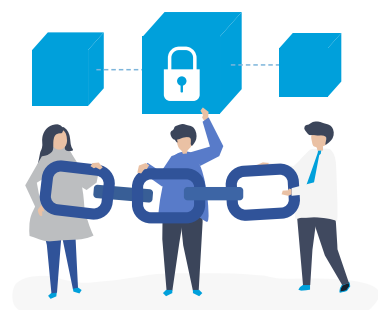
To connect the world population and their devices on blockchain thereby giving them complete control, privacy and security of all their data

#### 7+ Billion People & 100+ Billion Devices

- 50+ Billion (Laptops + Smartphones + Tabs)
- 100+ Billion (USB keys + IoT devices + Keychains + etc)
- Other billions of devices connected to electrical equipments that are directly or indirectly connected to IoT

#### UNIRIS Biometrics

“No one will be able to steal your keys, you will be able to delete them, but you will never forget or lose them”



#### ARCHethic Public Blockchain

- Payments
- Market Place or E-Commerce
- IOT Applications
- Smart City Application
- Fin-tech (DeFi, NFTs, etc...)
- Health Records
- Identity / Keychain Management
- and Many more applications

#### Why you should be part of this?

##### Single Login to all applications

Any application can be built and accessed on the Uniris blockchain. All you ever need is a single login to access all applications and devices.

##### 0.1% Average Transaction Fees

The lowest transaction fee ever, due to a financial model favoring both the miners and users.

##### 80% YoY Growth

The global blockchain market is expected to grow 80% year on year for the next few years.

##### Why Uniris Coin (UCO)?

###### Controlled Supply

- Only 10 Billion UCOS (Maximum)
- Part of UCOS are locked and vested
- Programmed Deflation through UCO burning

###### Creating Demand

- Numerous Smart-Contracts, Applications, 2nd, and 3rd layer applications, bring a lot of users to space and hence the network effects.

#### Why Uniris Biometrics Device?

##### All you need is your finger

To log, access and secure all applications.

##### Tamper-proof Authentication

Unlike fingerprints, irises,... which can easily be reproduced and falsified, it is impossible to reconstruct the inside of a finger.

##### No Key Storage (GDPR Design)

Yes, no keys are ever stored and is fully compatible with data protection regulations (GDPR, CNIL, etc.)

##### Vital Signs Monitoring

The device checks vital signs to ensure that the finger has not been cut off and the person is fully aware before any transaction

##### Learning Morphological Changes

Throughout the lifetime of a person.

##### Designed for World Population

Unlike fingerprints in smartphones that are designed for 100k people. This biometrics device is designed for the world population.

#### Why Uniris Blockchain: ArchEthic?

##### Scalability > 1 Million TPS

Only 197 out of 100,000 nodes are needed for validation and storage, this leads to a high scalability.

##### Highest security

Capability to easily resist and handle 90% malicious attacks, DDoS, split-brain attacks, quantum attacks, etc...

$$1 - \left[ \lim_{N \rightarrow +\infty} \mathbb{P}[X = k] \right] = 1 - \left[ \lim_{N \rightarrow +\infty} \sum_{k=1}^p \frac{\binom{0.1 \times N}{k} \times \binom{0.9 \times N}{n-k}}{\binom{N}{n}} \right] \approx 10^{-9} \Rightarrow n \approx 200$$

##### Geo-Secure replication of Data

Data is replicated across the globe so that no geopolitical conflict or natural disasters could tamper with the data.

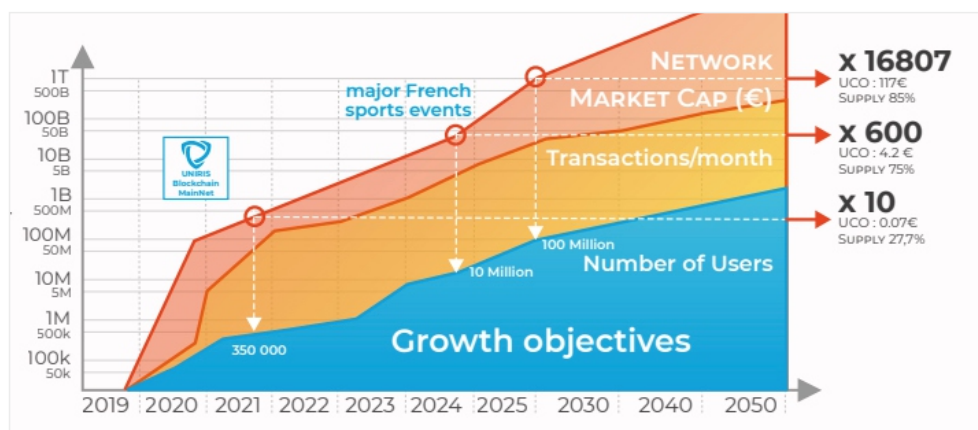
##### 3.6 billion times less energy-consuming

ArchEthic's new PoW is designed to limit energy consumption and is 3.6 billion times less energy consuming than Bitcoin.

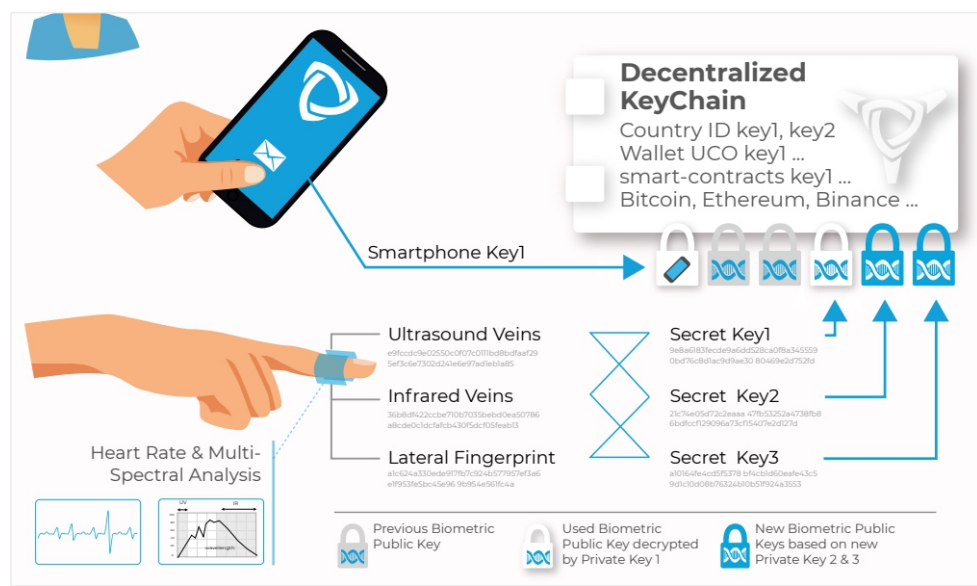
##### Artificial Intelligence & Prediction Module

The AI has the capability to predict P2P threats and deploy counter-measures even before the threat has occurred. This enables the ArchEthic to survive for centuries.

#### Price of UCO (projection)



#### Biometric Authentication



#### ArchEthic v/s other blockchains

Blockchain	TPS	Energy Consumption	Security	Txn Cost	Consensus
Bitcoin	7	430 Kwh	51%	\$5	PoW
ETH 2.0	3k	0.36 Kwh	66%	\$4	PoS
EOS	4k	7 wh	66%	<1%	dPoS
Polkadot	166k	15wh	66%	0.5%	PoS
ArchEthic	1M+	0.00016wh	97.5%	<0.1%	ARCH

Until  
2019

- Technical and Legal work
- Alpha Crypto Chain
- Yellow Paper
- White Paper
- Biometrics Prototype

2020

- Alpha Network
- Exchange Listing
- Bugs Bounty Program
- 12 Patents
- Marketing Activities

2021  
(H1)

- Main-net development
- Exchange Listings
- Team Expansion
- Use-Cases POC
- Influencer Activities

2021  
(H2)

- Main-net Deployment
- Main-net updates
- Use case 1: D-Website
- Use Case 2: D-Email
- Decentralised ID-Chain

2022 and  
Beyond

- Main-net updates (V3, V4)
- D-Email (V2, V3)
- Smart Contracts access
- Biometric Industrialisation
- D-Website

[Team](#)

[UCO & Tokenomics](#)

[Roadmap](#)

[ArchEthic](#)

[Biometrics](#)

[Patents](#)

[Governance](#)



Whitepaper