



Iryo Token is designed as a gateway cryptocurrency that enables patients, research institutions and clinics to participate in Iryo's global participatory healthcare network, ensuring patient privacy, leverage and cross-network collaboration. Token driven incentives promote elevated levels of medical research.

www.iryio.io www.iryio.network

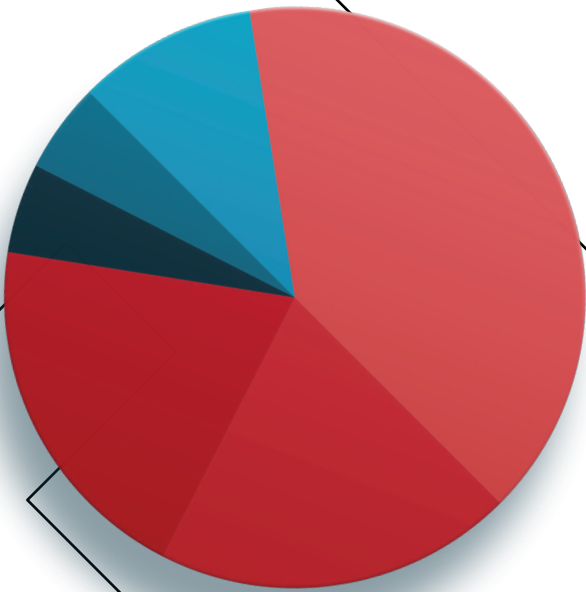
Token Name:	IRYO
Soft Cap:	\$8.000.000 USD
Hard Cap:	\$26.000.000 USD
Price:	+/- \$0.11*
Type:	ERC-20
Accepted:	ETH & EOS
Presale Window 1:	March 28th-April 3rd
Presale Window 2:	April 4th-April 10th
General Crowdsale:	April 11th-April 17th

BONUSES

20%
MARCH 28-APRIL 3

10%
APRIL 4-APRIL 10

Restrictions:
US (ACCREDITED INVESTORS OK)
CHINA
SOUTH KOREA



IRYO TOKEN SUPPLY: 300,000,000

Inflation: 2% Yearly

80%	Crowdsale
40%	General Crowdsale
20%	Window 1 with 20% Bonus
20%	Window 2 with 10% Bonus
5%	Airdrops
5%	Private Sale
10%	Team + Iryo

*Price based on the ETH/USD exchange rate of 1 ETH = \$843.05 USD (Coinmarketcap.com—13/2/2018 at 03:05 pm UTC+1).



Iryo is creating a global network for healthcare data, based on a standardised, zero-knowledge data storage and blockchain access control framework. Iryo's ecosystem will put the patient in the center and in complete control of their data.

www.iryo.io

www.iryo.network

USER ZERO-KNOWLEDGE ENCRYPTION



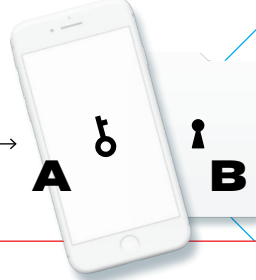
USER DEVICE PRIVATE KEY GENERATED

ENCRYPTED EHR ON IRYO CLOUD



DATA SYNC

ENCRYPTED EHR ON USER DEVICE



EOS PUBLIC BLOCKCHAIN



USER ISSUES DOCTOR ACCESS PERMISSION

PERMISSION CHECK

ENCRYPTED EHR IN CLINIC



DATA SYNC

USER ISSUES DOCTOR RE-ENCRYPTION KEY

ENCRYPTED DATA REQUEST

DOCTOR



1 DATA IS ANALYSED BY APP ON USER DEVICE

2 ANONYMOUS RESULTS ARE PRODUCED

3 MEDICAL RESEARCH

4 TOKEN REWARD

Research and Token Reward Flow

Data Access Permission Flow

How it works

Healthcare Providers

use Iryo in their workflow to interact with patients' data. Iryo uses proxy re-encryption to encrypt the medical data with the patient's undisclosed private key **A**. The new data is then stored on the patient's device (Iryo App) **B**, the healthcare provider's server or cloud **C**, and Iryo's cloud as backup **D**. A digital fingerprint (Hash) is created on EOS public blockchain **E** to insure immutability.

Researchers

are able to tap into a global repository of health data by offering tokens as a reward to users who willingly opt-in **1**. A simple in-app notification will ask the user whether they would like to participate **2** for the purpose of a specific study. If a patient rejects the offer, the data is not analysed and no information leaves the device. If the patient opts-in, the research institution **3** awards them Iryo tokens **4**.

Patients

can grant and revoke access to their data via the mobile app. When doctors **1** request encrypted data **2** from clinics **C**, a permission check **3** is performed on the public blockchain **E** where grants **4** are stored. This removes the possibility of fraud. Doctor can then decrypt health data from the clinic with access permission and the re-encryption key **5** from the patient.

Token use cases

Patients

Patients will be able to have their medical histories analysed anonymously in exchange for Iryo Tokens **4** and then use those tokens to pay for medical services.

Iryo Research Portal

Research institutions will have access to vast quantities of highly relevant medical data. "Analyse in Place" **1** queries will be a prominent driver of AI & Big Data.

Iryo Clinics

Iryo Tokens allow hospitals & clinics to participate within the Iryo healthcare network. Real-time access to medical data will lead to a higher quality of treatment.

IRYO Core Values

- Healthcare IT vendors should use neutral, open standards that promote interoperability.
- Open source is a more secure, more agile and more trustworthy way of building the network.
- Health data stored with zero-knowledge encryption.
- Patients should be in the centre of the data distribution.
- Patients should not only legally own the data, but must also be the one who controls it.
- Granting access to that data is transparent and leaves no room for "centralized fraud."
- Committed to being open-source (back-end & clients).
- Built on open standards & medical archetypes (OpenEHR) for health data formats.
- Built on a public blockchain (EOS).
- Private key management & recovery with ZeroPass.
- ERC20 Token for ICO / EOS Framework for Application



Iryo Live Implementation

Refugee Project

The first deployment of the Iryo Network will take place across a variety of refugee camps throughout the Middle East. Iryo has partnered with a US based NGO Walk with me (<https://www.walkwith-me.org/>) to deploy our solution in 12 locations in 6 countries (total addressable market of 6 million refugees).