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# Whitepaper

# Content

## Whitepaper 2023

# What is Blockchain ?

Blockchain is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network. An asset can be tangible (a house, car, cash, land) or intangible (intellectual property, patents, copyrights, branding). Virtually anything of value can be tracked and traded on a blockchain network, reducing risk and cutting costs for all involved.

# Why Blockchain is Important ?

Business runs on information. The faster it's received and the more accurate it is, the better. Blockchain is ideal for delivering that information because it provides immediate, shared and completely transparent information stored on an immutable ledger that can be accessed only by permissioned network members. A blockchain network can track orders, payments, accounts, production and much more. And because members share a single view of the truth, you can see all details of a transaction end to end, giving you greater confidence, as well as new efficiencies and opportunities.

# Key Elements of Blockchain

### Distributed Ledger Technology

All network participants have access to the distributed ledger and its immutable record of transactions. With this shared ledger, transactions are recorded only once, eliminating the duplication of effort that's typical of traditional business networks.

### Immutable Records

No participant can change or tamper with a transaction after it's been recorded to the shared ledger. If a transaction record includes an error, a new transaction must be added to reverse the error, and both transactions are then visible.

### Smart Contracts

To speed transactions, a set of rules — called a smart contract — is stored on the blockchain and executed automatically. A smart contract can define conditions for corporate bond transfers, include terms for travel insurance to be paid and much more.

# How Blockchain Works

**As each transaction occurs, it is recorded as a "block" of data**

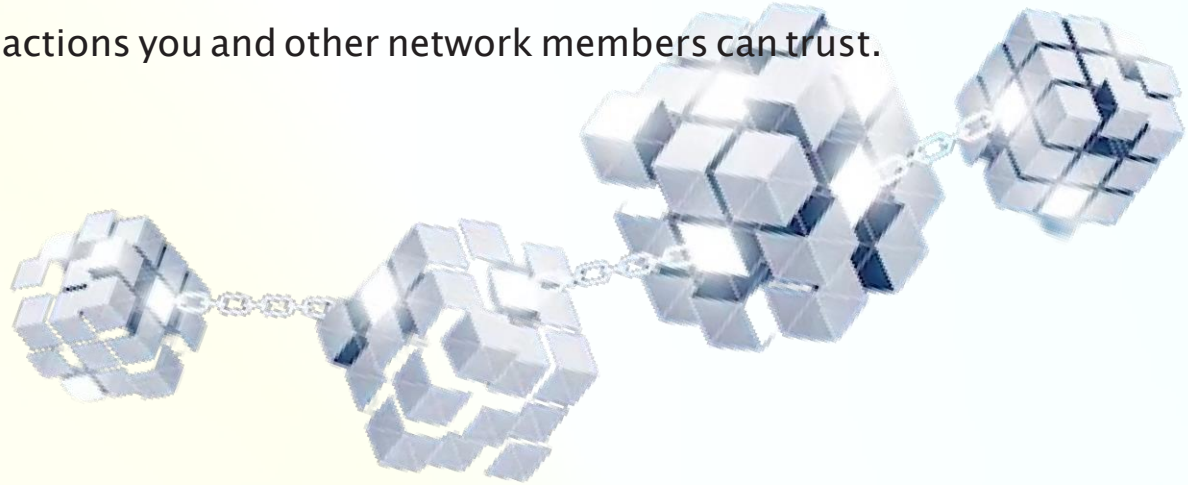
Those transactions show the movement of an asset that can be tangible (a product) or intangible (intellectual). The data block can record the information of your choice: who, what, when, where, how much and even the condition — such as the temperature of a food shipment.

**Each block is connected to the ones before and after it**

These blocks form a chain of data as an asset moves from place to place or ownership changes hands. The blocks confirm the exact time and sequence of transactions, and the blocks link securely together to prevent any block from being altered or a block being inserted between two existing blocks.

**Transactions are blocked together in an irreversible chain: a blockchain**

Each additional block strengthens the verification of the previous block and hence the entire blockchain. This renders the blockchain tamper-evident, delivering the key strength of immutability. This removes the possibility of tampering by a malicious actor — and builds a ledger of transactions you and other network members can trust.



# What is AI ?

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision.

# How Does AI Work ?

As the hype around AI has accelerated, vendors have been scrambling to promote how their products and services use it. Often, what they refer to as AI is simply a component of the technology, such as machine learning. AI requires a foundation of specialized hardware and software for writing and training machine learning algorithms. No single programming language is synonymous with AI, but Python, R, Java, C++ and Julia have features popular with AI developers.

In general, AI systems work by ingesting large amounts of labeled training data, analyzing the data for correlations and patterns, and using these patterns to make predictions about future states. In this way, a chatbot that is fed examples of text can learn to generate lifelike exchanges with people, or an image recognition tool can learn to identify and describe objects in images by reviewing millions of examples. New, rapidly improving generative AI techniques can create realistic text, images, music and other media.

AI programming focuses on cognitive skills that include the following:

**Learning.** This aspect of AI programming focuses on acquiring data and creating rules for how to turn it into actionable information. The rules, which are called algorithms, provide computing devices with step-by- step instructions for how to complete a specific task.

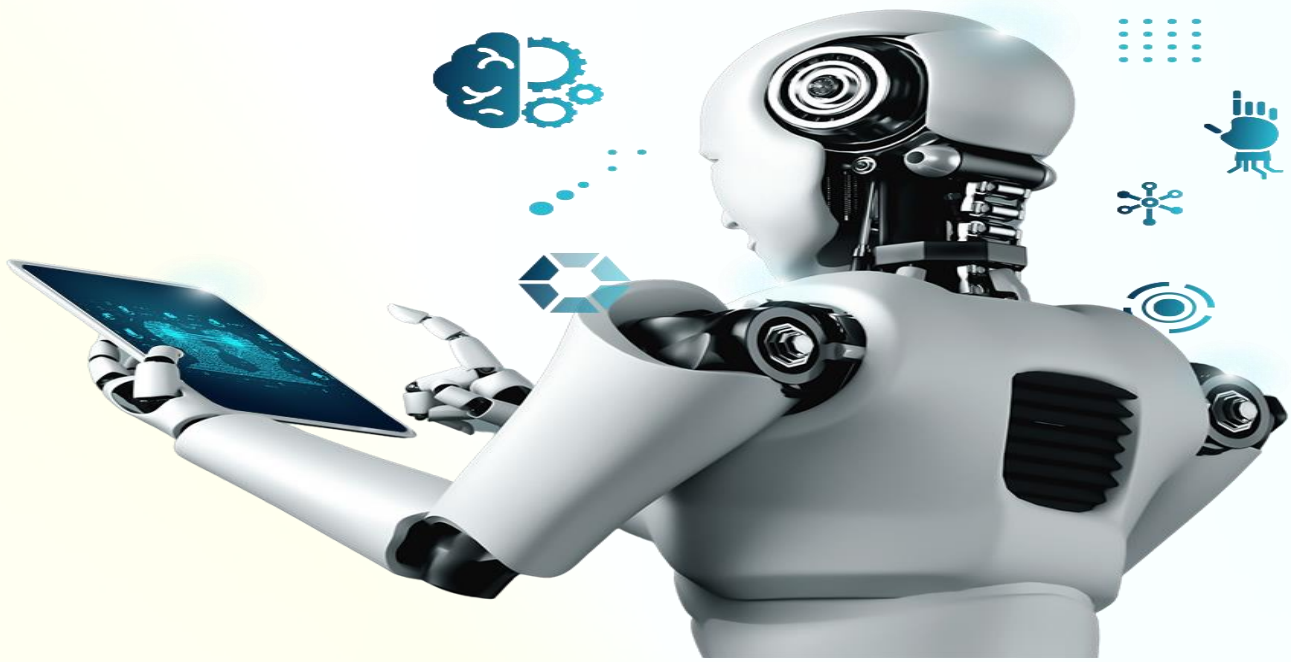
**Reasoning.** This aspect of AI programming focuses on choosing the right algorithm to reach a desired outcome.

**Self-correction.** This aspect of AI programming is designed to continually fine-tune algorithms and ensure they provide the most accurate results possible.

**Creativity.** This aspect of AI uses neural networks, rules-based systems, statistical methods and other AI techniques to generate new images, new

# Why AI is Important ?

AI is important for its potential to change how we live, work and play. It has been effectively used in business to automate tasks done by humans, including customer service work, lead generation, fraud detection and quality control. In a number of areas, AI can perform tasks much better than humans. Particularly when it comes to repetitive, detail-oriented tasks, such as analyzing large numbers of legal documents to ensure relevant fields are filled in properly, AI tools often complete jobs quickly and with relatively few errors. Because of the massive data sets it can process, AI can also give enterprises insights into their operations they might not have been aware of. The rapidly expanding population of generative AI tools will be important in fields ranging from education and marketing to product design.



# What is FutureAI?

FutureAI is a cutting-edge technology company that is pioneering the development of the PRT and revolutionizing the world of artificial intelligence. With a vision to create a seamless integration of virtual and physical realities, FutureAI is at the forefront of shaping the future world. Their innovative products leverage the power of AI to create immersive and interactive virtual experiences, offering unprecedented opportunities for communication, collaboration, and exploration.

From virtual reality simulations to intelligent virtual assistants, FutureAI's groundbreaking solutions are redefining how we interact with technology and transforming industries such as gaming, entertainment, education, and beyond. With a team of passionate experts at the helm, FutureAI is driving the evolution of the PRT and AI, paving the way for a futuristic world where boundaries between the physical and virtual realms are blurred, and new possibilities are unlocked.

# Architecture

The FutureAI protocol is comprised of three layers:

**1) Consensus layer:**

Track land ownership and its content.

**2) Land content layer:**

Download assets using a decentralized distribution system.

**3) Real-time layer:**

Enable users' world viewers to connect to each other.

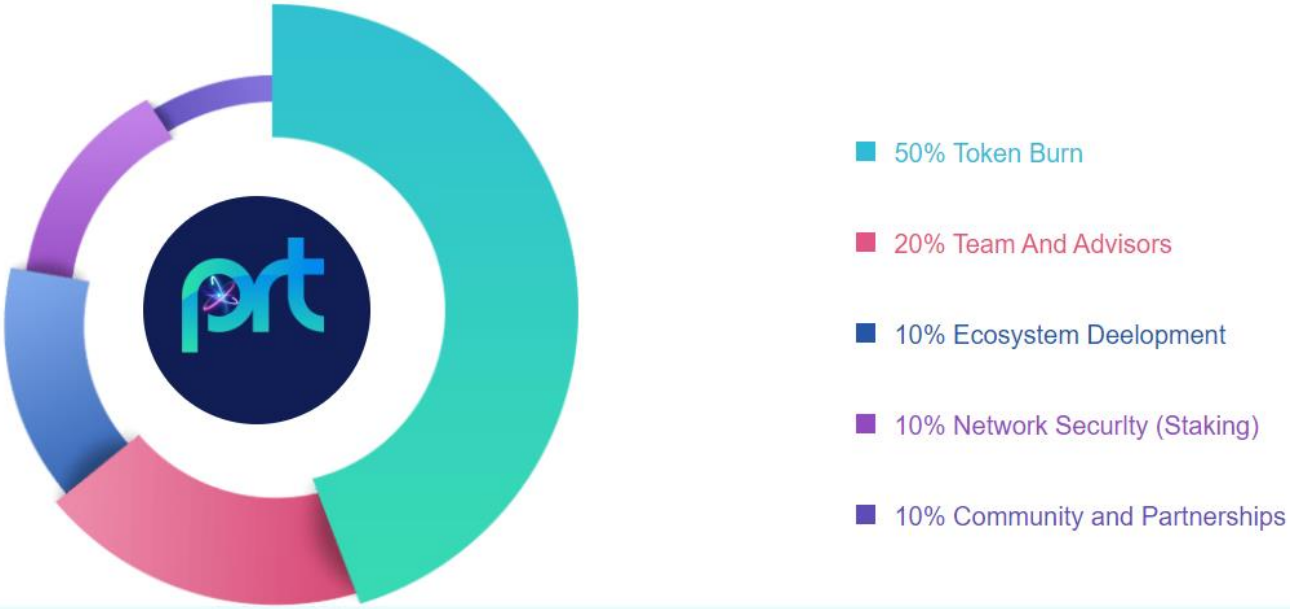
Land ownership is established at the consensus layer, where land content is referenced through a hash of the file's content. From this reference the content can be downloaded from BitTorrent or IPFS. The downloaded file contains a description of objects, textures, sounds, and other elements needed to render the scene. It also contains the URL of a rendezvous server to coordinate connections between P2P users that are exploring the tile simultaneously.

Additionally, two other systems are key for FutureAI's economy to develop:
**Payment Channel Infrastructure** for fast payments with low fees.

**Identity System** that allows users to establish ownership over original creations.

# Token distribution

After consulting with the team, we decided to fairly allocate the tokens in the following ratio:




The PRT token is a revolutionary cryptocurrency that serves as the backbone of FutureAI's ambitious project of building a PRT and AI- related products for the future world. As FutureAI strives to create a fully immersive and interactive virtual environment, the PRT token plays a crucial role in facilitating transactions, powering the economy, and driving innovation within the PRT token holders will have exclusive access to FutureAI's products and services, including virtual real estate, virtual goods, and virtual experiences. With its secure and decentralized nature, the PRT token empowers users with ownership and control over their virtual assets, creating a new paradigm of digital ownership within the PRT.

As FutureAI continues to push the boundaries of technology and redefine the future of the PRT token is at the forefront of this groundbreaking revolution, driving the vision of a decentralized and inclusive virtual world where users can unleash their creativity and explore limitless possibilities.

# Roadmap

1

*Estimate: Q4 2023*

## Project Inception

Project Planning
Team Building
Whitepaper Creating

2

*Estimate: Q2 2024*

## Project Developmment

Maaps Deesigning
Character Designing
NFT Creation Robot

3

*Estimate: Q4 2024*

## Version 1.0 Beta

Project Test Control
V1.0 Release Beta Version
Collection Development Ideas

4

*Estimate: Q1 2025*

## Marketplace & Publish

Marketplace Development
Wallet Trying
V 1.1 Original Verion Release
Marketing

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