



WHITE PAPER



# OSMANLI ALTIN COIN®

THE FIRST TURKISH DIGITAL CRYPTO GOLD COIN

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# ABOUT OSMANLI ALTIN COIN®



**OSMANLI ALTIN COIN®** is the first Turkish digital **Crypto Gold Coin**. It is a digital Gold established on the Blockchain system, which is limited with the new technology of the period, can be owned by everyone, can be transferred easily, safely, without delay and anonymously from peer to peer. **OSMANLI ALTIN COIN®** is an open source, global payment network that is fully decentralized without any central authorities. Mathematics secures the network and empowers individuals to control their own finances.

**OSMANLI ALTIN COIN®** features faster transaction confirmation times and improved storage efficiency than the leading math-based currency. With extensive support in trade and commerce, as well as significant trading volume and liquidity, **OSMANLI ALTIN COIN®** is an independent trading environment similar to **Bitcoin, Litecoin and Dogecoin** but much faster.

## OSMANLI ALTIN COIN® TECHNICAL SPECIFICATION



The source code is here: <https://github.com/osmanlialtinchin-project/osmanlialtinchin>

Name	Code	Amount	Gold weight (troy ounce)	Gold weight (grams)
1 OSMANLI ALTIN COIN®	1 OAC	1,00000000 OAC	2	62,2069536

**1 GRAM GOLD = 0,01607537 OAC**

# BLOCKCHAIN

## WALLET ENCRYPTION

## MINING REWARD

## OPEN SOURCE SOFTWARE

## PROOF OF WORK

## PREMINES

OSMANLI ALTIN COIN® blockchain is capable of handling higher transaction volume than its counterpart – **Bitcoin and Litecoin**. Due to more frequent block generation, the network supports more transactions without a need to modify the software in the future. As a result, **merchants get faster confirmation times**, while still having ability to wait for more confirmations when selling bigger ticket items.

**Wallet encryption** allows you to secure your wallet, so that you can view transactions and your account balance, but are required to enter your password before spending **OSMANLI ALTIN COIN's®**. This provides protection from **wallet-stealing viruses** and trojans as well as a sanity check before sending payments.

Miners are currently awarded with **100** new **OSMANLI ALTIN COIN'S®** per block, an amount which gets halved roughly every **4 years (every 420,000 blocks)**. The OSMANLI ALTIN COIN® network is therefore scheduled to produce **84 million OSMANLI ALTIN COIN'S®** which is **4 times** as many currency units as Bitcoin.

**OSMANLI ALTIN COIN®** is an open source software project released under the **MIT/X11 license** which gives you the power to run, modify, and copy the software and to distribute, at your option, modified copies of the software. The software is released in a transparent process that allows for independent verification of binaries and their corresponding source code.

**OSMANLI ALTIN COIN®** works according to the Proof of Work algorithm with Scrypt similar to Bitcoin, Litecoin and Dogecoin. Proof of work algorithm is a **fairer algorithm** than proof of stake or any others. People have to invest time, money and work to get coins, just like in everyday life.

Premines **OSMANLI ALTIN COIN®** will come with premined coins: just the genesis block and the first block to confirm the genesis is valid. The pre-mined coins are used exclusively for advertising and support purposes in order to make **OSMANLI ALTIN COIN®** at least as big and strong as Bitcoin.

# FAST TRANSACTIONS



“

In today's fast-paced world, transaction speed is paramount. OSMANLI ALTIN COIN® (OAC) stands out for its swift transaction processing, generating blocks in just 2 minutes compared to Bitcoin's 10 minutes.

## OSMANLI ALTIN COIN® Speed Design:

OAC's standout feature lies in its rapid transaction capabilities, generating blocks in just **2 minutes**, a stark contrast to **Bitcoin's 10-minute block time**, significantly expediting transaction validation.

## Transaction Safety Comparison:

Merchants seeking Bitcoin-level safety wait five times longer for OAC confirmations. Still, many accept **1-confirmation transactions** for smaller amounts, trusting OAC's reliability.

## Merchant Confidence in Transactions:

Merchants compromise on confirmation rates for smaller OAC transactions, balancing speed and security for swift commerce **without risking safety**.

## DIFFICULTY RETARGET



We will keep the retarget block the same as **Bitcoin's 2016**, but because blocks are found 5 times faster, difficulty will retarget about every **3.5 days**. The combination of fast retarget times and Scrypt proof of work (**OSMANLI ALTIN COIN®** will not compete with Bitcoin for miners) means we expect to not see the sort of problem like other Coins encountered; **hashing power** that leaves more suddenly than it came, causing a high difficulty slog for everyone who stayed

## COIN GENERATION



Miners will generate **100 coins per block**. In light of our faster blocks, to properly mimic Bitcoin's generation trajectory, we needed to change the blocks at which coin generation is halved. Bitcoin generation is halved every **210,000 blocks**. Litecoin generation is halved every **840,000 blocks**. **OSMANLI ALTIN COIN®** generation will be halved every **420,000 blocks**. For those of you doing the math, **OSMANLI ALTIN COIN®** is scheduled to produce roughly **4 times** as many coins as Bitcoin, about **84 million OSMANLI ALTIN COIN'S®**.

## FAIRNESS



We have come up with a plan that we believe is most fair. Some previous coins were released without **Windows binaries** or without source code; we consider this as unfair as it is unsafe. We released the source code and binaries ahead of time. People had time to compile the source and run the client on their machines against the **OSMANLI ALTIN COIN'S® testnet**. So people were able to make sure everything was working well before the launch. At the time of the launch (**October 22, 2022, 21:21 CEST**), we released the genesis hash and everyone started mining at the same time. All it took was a simple change in the config file in order to mine the real coin instead of the testnet coin.

# 51% ATTACK

Problem with alternative currencies  
But we are overcoming this!



The problem with alternative currencies is that the network hashrate is likely low when the coin starts up, making an easy target for any potential 51% attacker.

## **Initial Hashrate Surge:**

The innovative release attracted a strong hashrate from the start, possibly deterring attackers with high participation.

## **Natural Orphaning:**

High concurrent mining led to expected block orphaning, a common occurrence with numerous miners joining simultaneously.

## **Block Locking Defense:**

Implementing block locking during difficulty changes acted as a defense, adjusting block difficulty to maintain security.

## **Anticipated Protection:**

The combination of robust hashrate, block orphaning, and block locking likely prevented successful attacks, ensuring chain stability.

## **Security Affirmation:**

The collective impact of these measures likely safeguarded the chain, demonstrating resilience against potential threats from the outset.



# COMPARISON BTC / LTC / OAC

	Bitcoin	Litecoin	Ottoman Altin Coin
<b>Creation Date</b>	2009	2011	<b>2022</b>
<b>Created by</b>	Satoshi Nakamoto	Charlie Lee	<b>Mansa Musa</b>
<b>Maximum number of Coins</b>	21 Millions	84 Millions	<b>84 Millions</b>
<b>Block creation time</b>	10 Minuten	2.5 Minuten	<b>2 Minuten</b>
<b>Algorithm</b>	SHA-256	Scrypt	<b>Scrypt</b>
<b>Block reward beginning</b>	50 BTC	50 LTC	<b>100 OAC</b>
<b>Block halving</b>	Every 210,000 Blocks	Every 840,000 Blocks	<b>Every 420,000 Blocks</b>



# OSMANLI ALTIN COIN® DESIGN SPECIFICATION

Portrait of the founder of the Ottoman Empire; King "Osman Gazi"

1

Description of the properties of OSMANLI ALTIN COIN®(OAC)  
- Peer to peer - Decentralized - Digital - Cryptographic gold currency

2

Territory of the Ottoman Empire

3

Symbol of OSMANLI ALTIN COIN®(OAC)

4

Name of the Gold Coin

5

Weight and purity of the Gold Coin

6



7

Coat of Arms of the Ottoman Empire

8

24 pieces of 5-pointed stars symbolize the round-the-clock transfer of OAC

9

160 corrugations distributed over the circumference

## LEGAL NOTICE:

The name, symbol and coin design of **OSMANLI ALTIN COIN®** are registered word and figurative marks at the **European Patent Office EUIPO**.



The source code is here: <https://github.com/osmanlialtincoin-project/osmanlialtincoin>

This is based on the latest Bitcoin code. You can either build the daemon version (osmanlialtincoind) or you can build the gui version (osmanlialtincoin QT). See the build docs.

Similar to Bitcoin, you may want to create a osmanli\_altin\_coin.conf file here:

- **Windows:** C:\Documents and Settings\<username>\Application Data\osmanli\_altin\_coin
- **Win7:** C:\Users\<username>\AppData\Roaming\osmanli\_altin\_coin
- **Mac:** ~/Library/Application Support/osmanli\_altin\_coin
- **Unix:** ~/.osmanli\_altin\_coin

Port is 8402. Open if on your router if you know how. This will allow you to have more connections. And default RPC port is 8401. This is the port miners will use to communicate with your client/daemon.

## Sample osmanli\_altin\_coin.conf file

```
daemon=1  
server=1  
txindex=1
```

```
deprecatedrpc=generate  
rpcuser=user  
rpcpassword=password
```

```
#Change this if you want to use a different rpc port for mining  
#rpcport=8401
```

```
#Open the Port on your router. This will allow you to have connect with the OAC Network  
port=8402
```

```
# to transfer larger amounts  
maxtxfee=1
```

```
#if there are problems with coin transfer  
fallbackfee=0.0002
```

See also Bitcoin white paper and Litecoin white paper



# OSMANLI ALTIN COIN® CORE UTILITIES



## SWAP OAC ⇄

OSMANLI ALTIN COIN® opens to the Binance network. This revolutionary conversion allows 1:1 conversion of OSMANLI ALTIN COIN® to an OSMANLI ALTIN COIN®(BEP20) Token and vice versa. OSMANLI ALTIN COIN® combines its own blockchain ecosystem with the flexibility and tradability of an OSMANLI ALTIN COIN (BEP20) Token.

From  
OAC COIN \$0 0 OAC

To  
OAC Token \$0 0 OAC

Connect Wallet

Platform Fee: 1%

Rate ⓘ 1 OAC = \$1  
Network fee\* ⓘ 0 BNB  
Platform fee ⓘ 0

## BUY OAC 🛒

Discover the power of decentralization with OSMANLI ALTIN COIN®. Purchase and stake OAC on our platform, designed to ensure your empowerment, privacy, and security. Though investment futures are never certain, our system enables you to confidently participate in the OAC ecosystem. Add our Binance Smart Contract address to your Metamask or WalletConnect:

0xc1d3740aec02be10a8efdacecd06dbbd8a6963e2

Buy OAC

0 0 OAC

Select currency ▾

Connect

Platform Fee: 1%

Payable Amount ⓘ 0 OAC  
Receivie Amount ⓘ 0  
Platform fee ⓘ 0  
Network fee\* ⓘ 0 BNB

## STAKE OAC 🔒

If you plan to hold OSMANLI ALTIN COIN® for the long term, we offer you the opportunity to stake it at attractive interest rates.

30 Days

0.5% ROI

Min. Stake: 0,001  
Max. Stake: 1.000.000

Platform fee 1%  
from Total Reward

Stake

90 Days

2% ROI

Min. Stake: 0,001  
Max. Stake: 1.000.000

Platform fee 1%  
from Total Reward

Stake

180 Days

5% ROI

Min. Stake: 0,001  
Max. Stake: 1.000.000

Platform fee 1%  
from Total Reward

Stake

360 Days

11% ROI

Min. Stake: 0,001  
Max. Stake: 1.000.000

Platform fee 1%  
from Total Reward

Stake



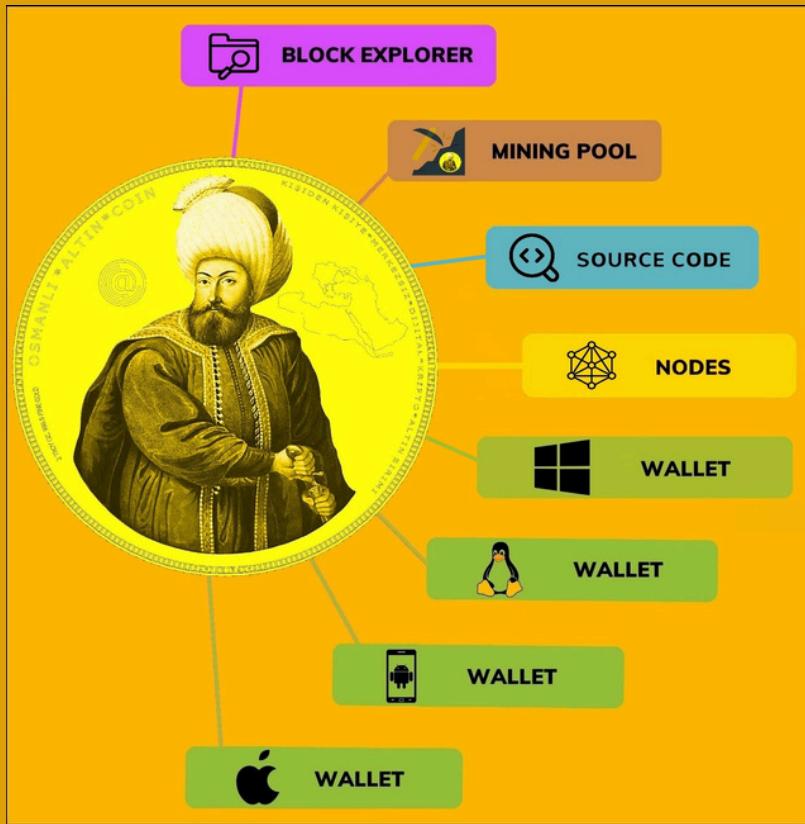
## Download

# MANAGE YOUR WALLET ANYTIME, ANYWHERE

Discover the perfect OSMANLI ALTIN COIN® applications for your device. Choose from the OAC Wallet options for Windows, MacOS X, Linux, or Android, and delve into the enhanced functionality and control offered by OAC Core and **OSMANLI ALTIN COIN**® conf, unlocking advanced features and capabilities at your fingertips.



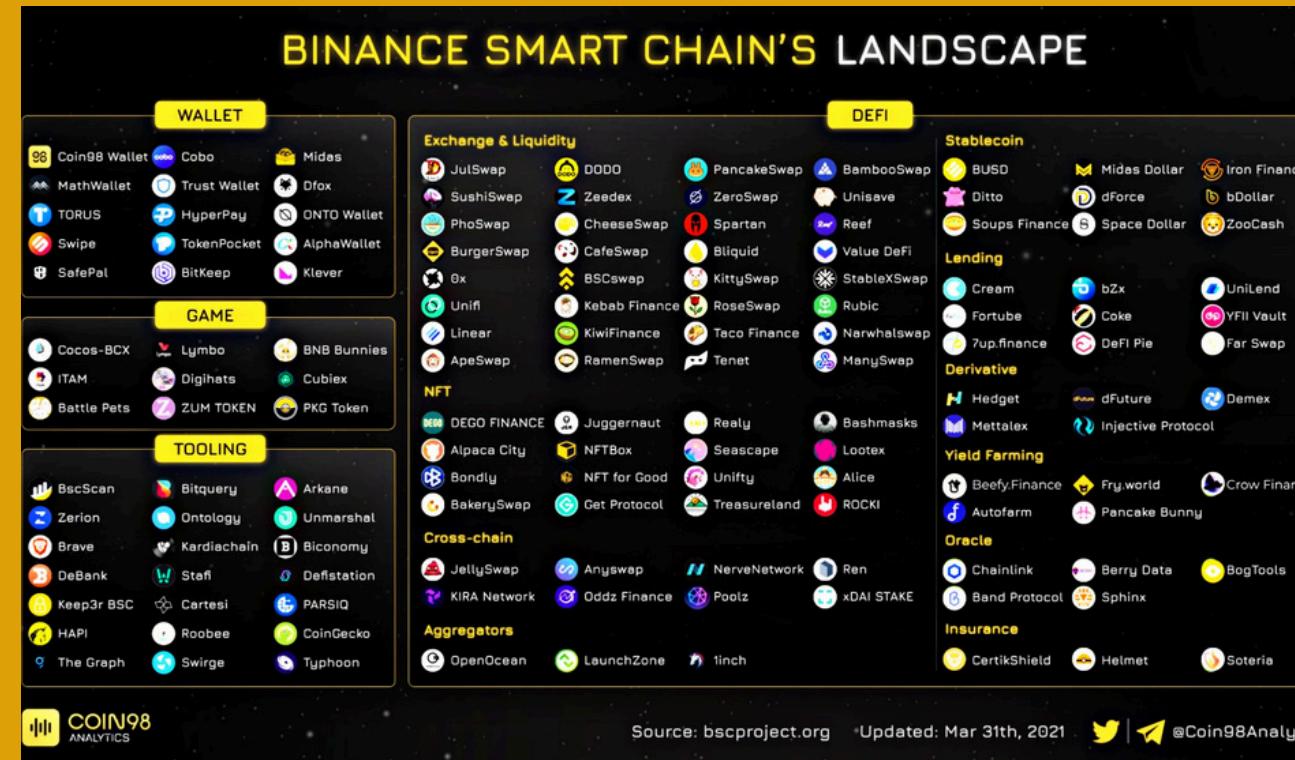
## OSMANLI ALTIN COIN® BLOCKCHAIN



SWAP OAC ⇄

STAKE OAC 🔒

## OSMANLI ALTIN COIN® BEP-20 Token



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