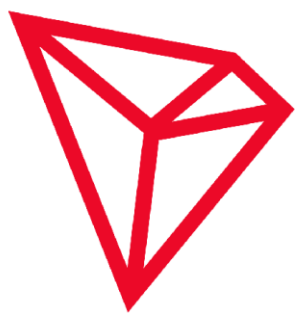


SummaTRON-AVA

Account Viewer Aggregated



TRON



Index

Introduction	3
Operation of SUMMATRON-AVA	4
Example of using SUMMATRON-AVA	7
RoadMap	12

Introduction

The TRON project has achieved in about 18 months surpassing the million active accounts, this implies an exponential growth, adding to this growth having already exceeded the 3 million of operations in a single day.

All this growth assumes that the number of users of the TRON system grows every day and the needs of tools to be able to manage the investments, or simply the availability of funds and tokens in an account.

To help users manage their portfolio, SummaTRON has developed a Web application that allows to add all the accounts of a user in an easy and secure way. We have named AVA: Account Viewer Aggregator.

SummaTRON-AVA uses as a basis for your access SummaTRON-API, an identification and registration that allows the user to send their identification through a DApp (IdTron) no need to type User/password.

This ease of access allows users not to have to type their private key or connect their ledger to be able to know the content of your account.

From an address you can manage all the associated accounts and calculate the profit or loss of the investment portfolio.

The information can be viewed individually and aggregated.

In addition you can view the list of all the tokens of the different accounts, as well as the list of the last transfers made from or to each address.

In the display of the tokens in aggregate form You can get the list of all the accounts that have that token. In the near future, when the market list more token/TRX pairs, AVA will be able to show the value of the portfolio not only for TRX, for all tokens with market valuation. The rest of the tokens that do not listed in the market would have zero value.

The account management operations will be linked to www.tronscan.org so that the private key of the account would only be managed by tronscan.

The business of SummaTRON-AVA is in the sale of tokens: SummaTRON for the link of the accounts and IdTronix for the identification process.

In addition SummaTRON-AVA is the first case of implementation of SummaTRON-API, so users install the DApp, IdTron, and they can promote the use of Tron. Network.

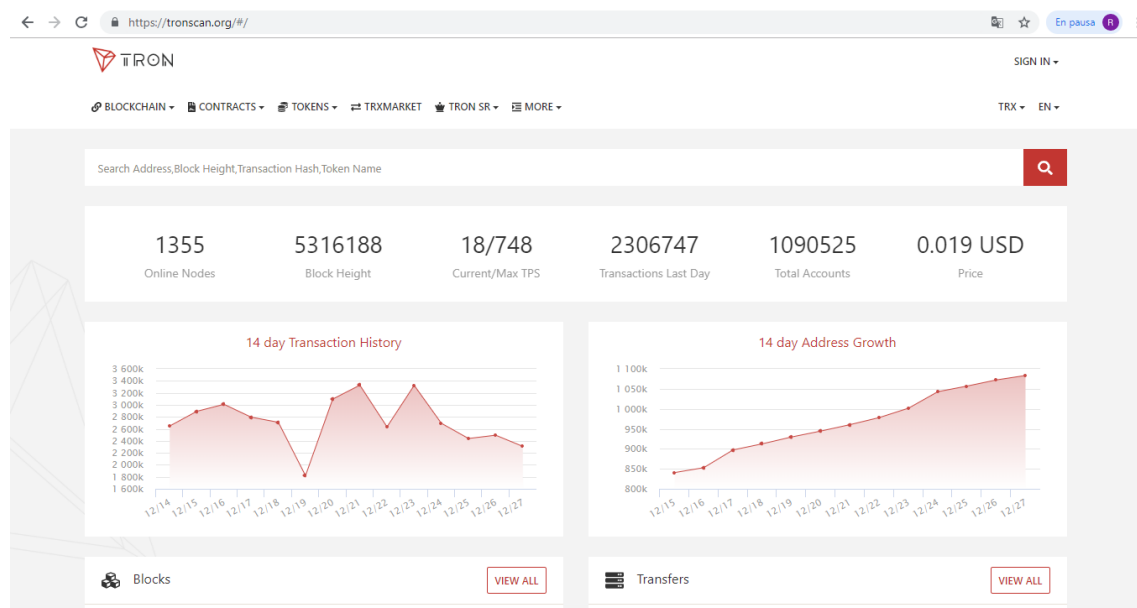
Operation of SUMMATRON-AVA

The following image shows a screenshot of the main tronscan.org screen where you can see the increment of TRON accounts.

This growth leads us to think that in the same way that we have a problem in the management of several accounts, other users will have the same problem.

The need to check the status of the TRON portfolio we see that it is not resolved by now, since we always use a only account in tronscan.org or Trxplorer.io, or in the different wallets.

That's why we have created AVA, so we can jointly view several accounts. In no case is the private key of any account managed, so that the whole process is safe, the information shown by AVA is obtained from the Tronscan.org API, but it is easy for the user to organizing.



SummaTRON-AVA Implements SummaTRON-API to be able to perform the process of identification. It works on both desktop and mobile, so you can scanner or click in the QR (if used from mobile), and then used IdTron to perform the identification process.

This way the user does not type any user/password, only transfers 1 IdTronix from IdTron to the account of SummaTRON-AVA (TGJ6iAYibFVJGuvXN9JFxHTTaoLR4z4wz4).

Only the owner of the private key of a TRON account can send a token to another account, later AVA's server can return all information to the user with total security.

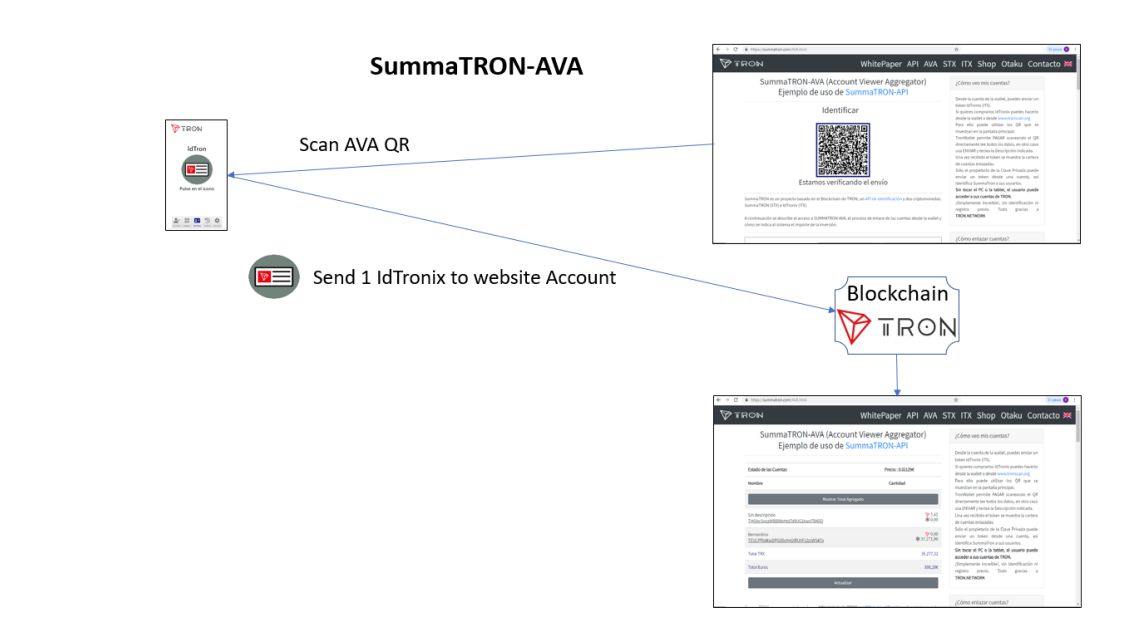
In the next screen is shown as it is identification process, as simple as scanning the QR showing the home page of SummaTRON-AVA.

The response time depends on the speed of the `api.tronscan.org`, which is once faster and more stable, so we expect the time of the process to be over 4 seconds.

In front of a user process user/password may seem similar, but the big difference is in the number of problems that SummaTRON-API avoid:

- 1) Virus
- 2) Toyanos
- 3) Fishing
- 4) SMS
- 5) Email
- 6) 2FA hardware
- 7) Leave the user/password On Google/Microsoft/Facebook.

The difficulty of implement the API is minimal and the price of the tokens also, to be able to facilitate the use of the users.



In order to display multiple accounts associated with a master account, you must send 1 SummaTRON to each account you want to link. This can be done with any wallet, tronscan.org or with IdTron, when an account is installed in the DApp it is sent 10 SummaTRON and 1,000 IdTronix. So an IdTron user could link up to 10 accounts and have 1,000 free accesses to SummaTRON-AVA for free

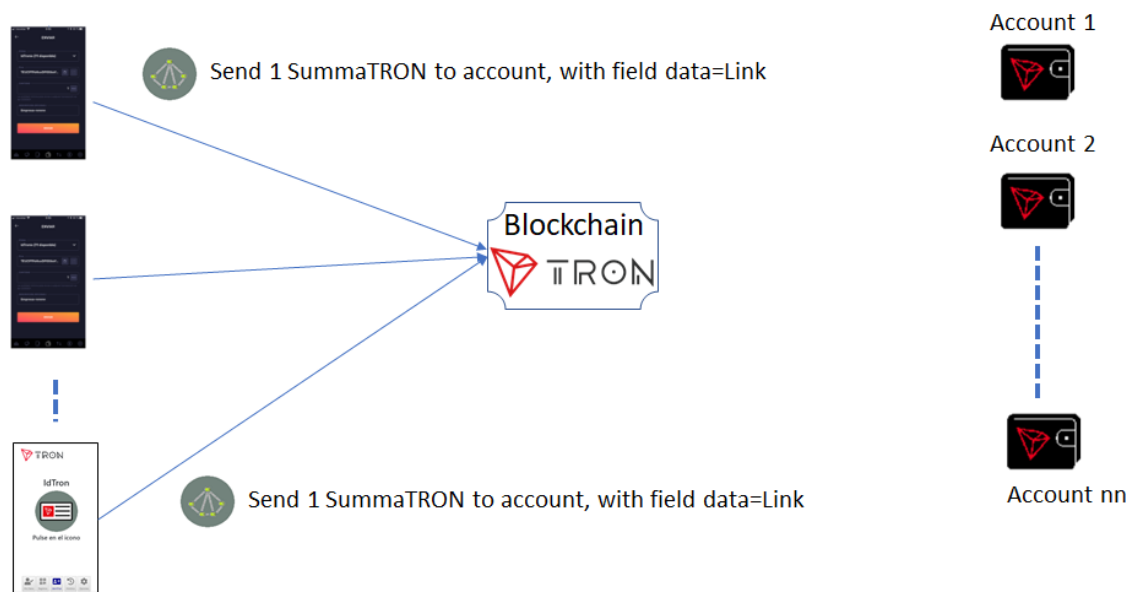
The goal is to use the Tron.Network as a link mechanism for the accounts, the text must be indicated in the data field in each transfer: "**Link**", to indicate that

this is a link operation between 2 TRON accounts. IdTron makes this transparent for the user.

It is recommended to use an instrumental account to perform this process, so that the private key that is stored in IdTron from an account with few TRX, from this way even if they stole the mobile TRON's wallet is not compromised.

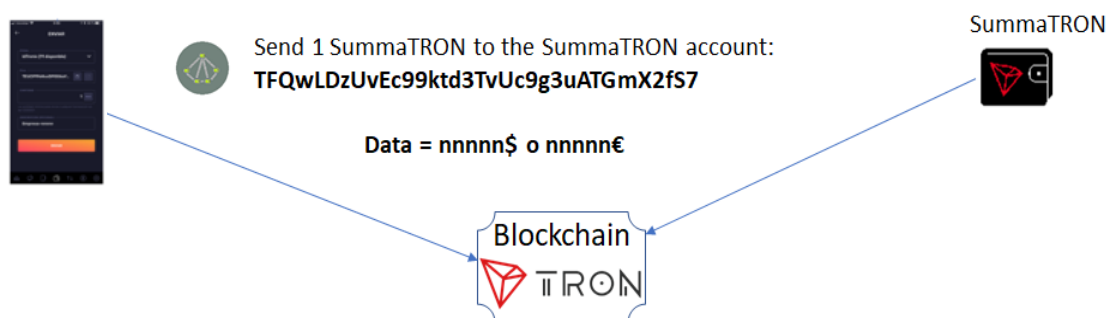
In this picture is shows the process of linking between the main account and the rest of the accounts that you want to link.

SummaTRON Linking accounts



For be able to know the profit or loss of the portfolio should be sent 1 SummaTRON to the project account SummaTRON (**TFQwLDzUvEc99ktd3TvUc9g3uATGmX2fS7**) with the amount of the investment and indicating the currency: \$ or €.




Indicating the investment inSummaTRON




Example of using SUMMATRON-AVA

As we have explained earlier the identification system is based on SummaTRON-API, so the main screen of AVA shows a QR that contains the address of the project SummaTRON-AVA.


This is the SummaTRON-AVA initial screen.

   <https://www.summatron.com/AVA.html>

 WhitePaper API

SummaTRON-AVA [\(Sign up\)](#) [\(Link\)](#)







Login





Verifying the sending of data












SummaTRON is a project based on the Blockchain of TRON, a [API of identification](#), two cryptocurrency: SummaTRON (STX) and IdTronix (ITX) and one DApp (IdTron).

Once the identification is made, the server returns the list of associated accounts and the current valuation of TRON and the user's portfolio.

   <https://www.summatron.com/AVA.html>   En pausa 

 WhitePaper API AVA Shop STX ITX Contact 

SummaTRON-AVA [\(Sign up\)](#) [\(Link\)](#)

State of the Accounts	Precio : 0.01857€
Name	Cantidad
Show All Accounts Aggregated	
IsabelVazquez TUr089S18Hj1HUjDFfyB9JQzrRjX5zvhn	 1.27  0.00
SummaTRON-AVA TGJ6IAVibFVJGuvXN9JFvHTTaoLR4z4wz4	 7.85  0.00
IdTronix TWe8bCkrxwvhdh3vzaUFTC676NEWWDcE14x	 0.03  0.00
Alejandro TUg9LTB6f8HnvEwbrUWumqvWjWySyRq4Rq	 9.08  6,214.00
Bernardino TEUCP9d4sxDPGD6oYqGtRUhFs2zsWS4To	 15.78  35,444.44
CuentaPrincipal	 36.11

How do I see my accounts?

From the wallet account, you can send an IdTronix token (ITX).
If you want to buy them IdTronix you can do it from the wallet or from www.tronscan.org
To do this you can use the QR that are displayed on the main screen.
TronWallet allows PAY by scanning the QR directly reads all the data, otherwise use SEND and type the indicated Description.
Using IdTron, the DApp of the SummaTRON project, you can import a TRON account or create a new one. You automatically receive 1,000 IdTronix. Once the token is received, the portfolio of linked accounts is displayed.
Only the owner of the Private Key can send a token from an account, thus identifying SummaTron to its users.
Without touching the PC or the tablet, the user can access their TRON accounts.
Simply amazing !, without identification or prior registration. All thanks to TRON.NETWORK

By clicking on each account shows a list of the latest transfers, the summary of: TRX, TRX Frozen and bandwidth, and the ratio of tokens.

WhitePaper API AVA Shop STX ITX Contact

SummaTRON-AVA(Sign up)(Link)

Detail Transactions Tokens

04/01/2019 20:35:57	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	IdTronix	1
04/01/2019 20:26:57	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	SummaTRON	1
04/01/2019 20:26:42	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	SummaTRON	1
04/01/2019 20:25:36	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	SummaTRON	1
04/01/2019 20:25:27	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	SummaTRON	1
04/01/2019 20:24:18	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	IdTronix	1
04/01/2019 17:39:06	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	IdTronix	1
04/01/2019 13:13:48	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	IdTronix	1
04/01/2019 05:19:42	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	IdTronix	1
03/01/2019 23:06:03	TGJ6iAYibFVJGuvXN9JFxxHTTaoLR4z4wz4	IdTronix	1

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Without touching the PC or the tablet, the user can access their TRON accounts.
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Clicking on detail you can see the resume of the TRX, frozen TRX and bandwidth free.

WhitePaper API

SummaTRON-AVA(Sign up)(Link)

Detail Transactions Tokens

IsabelVazquez
TURq89S18Hj1HUrjDFfyB9JQzrRjX5zvhn
1.27
0.00
489.00

SummaTRON-AVA [\(Sign up\)](#) [\(Link\)](#)

[Detail](#) [Transactions](#) [Tokens](#) [×](#)

LoveHearts : 470

IdTronix : 420

TRONONE : 13

ofoBike : 11

TronLottery : 10

Bithumb : 5

SummaTRON : 4

Pressing in the bar “Show All Accounts Aggregated”, displays the aggregate information for all accounts.

SummaTRON-AVA [\(Sign up\)](#)

State of the Accounts

Precio : 0.01836€

Name

Cantidad

Show All Accounts Aggregated

Sin descripción

[TH6jbcSoqzW8884bhtqTd9UG1kwqTB45Ej](#)

4.75

* 0.00

Bernardino

[TEUCPf9d4sxDPGD6oYqGtRUhFs2zsWS4To](#)

15.96

* 35,388.54

SummaTRON-AVA

[TGJ6jAYibFVJGuvXN9JFxHTTaoLR4z4wz4](#)

6.88

* 0.00

Total TRX

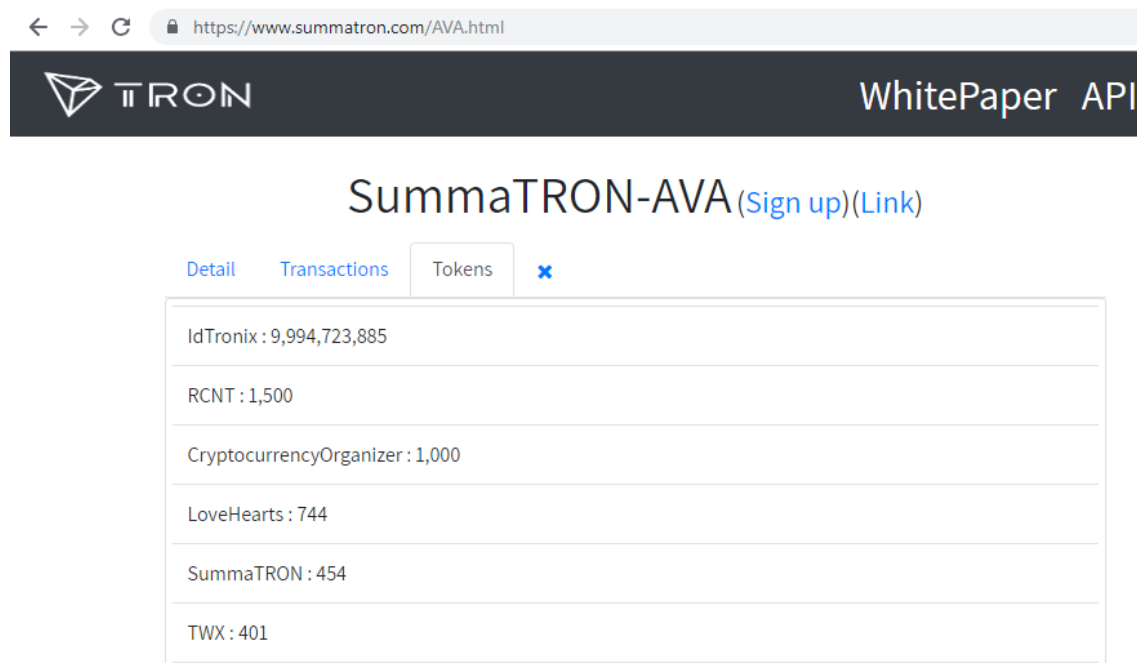
35,416.12

Total Euros

650.24€

Refresh

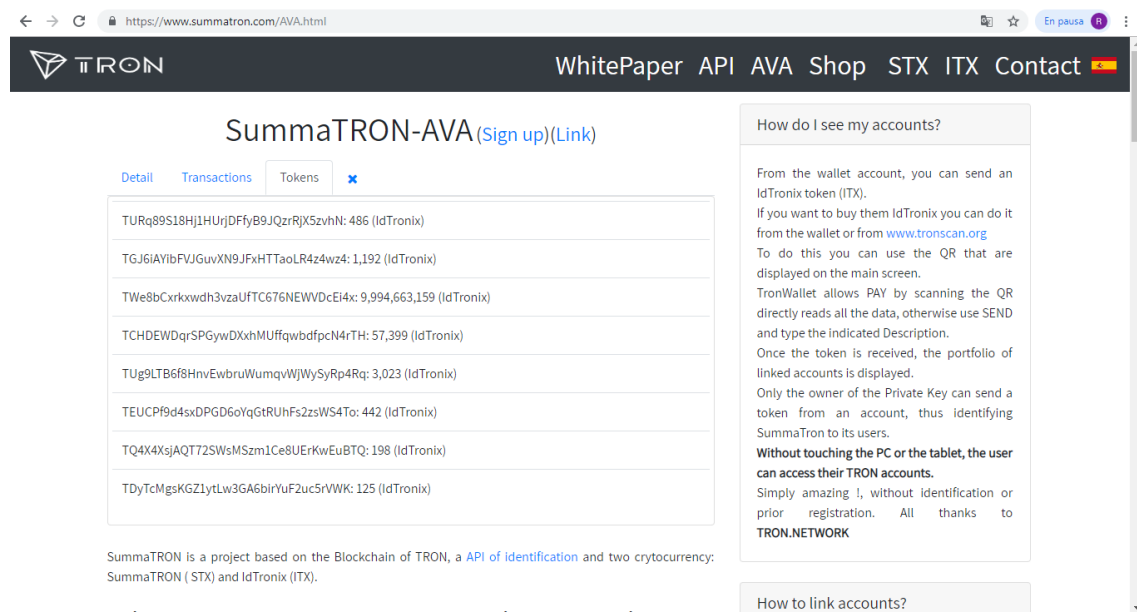
In the aggregate option you can see all the tokens of the portfolio.



The screenshot shows a web browser at <https://www.summatron.com/AVA.html>. The page has a dark header with the TRON logo and "WhitePaper API". The main title is "SummaTRON-AVA" with links for "(Sign up)" and "(Link)". Below the title are tabs for "Detail", "Transactions", and "Tokens", with "Tokens" selected. The tokens list is as follows:

Token Name	Amount
IdTronix	9,994,723,885
RCNT	1,500
CryptocurrencyOrganizer	1,000
LoveHearts	744
SummaTRON	454
TWX	401

Clicking in every token you can see all the account that have that token and the amount of tokens.



This screenshot shows the same page as above, but with the "Tokens" tab selected. The "IdTronix" token is highlighted, and a list of accounts holding it is displayed:

Account Address	Amount (IdTronix)
TURq89S18Hj1HUjDFfYB9JQzrRjX5zvHn	486
TGJ6iAYibFVJGuvXN9JFHTaoLR4z4wz4	1,192
TWe8bCxrKxwdh3vzaUFTc676NEWVdcEi4x	9,994,663,159
TCHDEWDqrSPGywDXhMUffqwbdfpcN4rTH	57,399
TUg9LTB6f8HnvEwbruWumqvWjWySyRp4Rq	3,023
TEUCPF9d4sxDPGD6oVqGtRUhFs2zsWS4To	442
TQ4X4XsJAQT72SwsMSzm1Ce8UErKwEuBTQ	198
TDyTcMgsKGZ1ytLw3GA6birYuF2uc5rVWK	125


Below the list, a note states: "SummaTRON is a project based on the Blockchain of TRON, a API of Identification and two cryptocurrency: SummaTRON (STX) and IdTronix (ITX)."

On the right side, there is a sidebar with the heading "How do I see my accounts?". It contains instructions on how to view and manage accounts, including a warning: "Without touching the PC or the tablet, the user can access their TRON accounts." and a link to "How to link accounts?".

Clicking on the Bar Refresh, recalculates the value of the portfolio updating the price of the TRON at that time, this is important because it is not necessary to re-identify, but while not closing the browser window can carry out successive processes of refreshment of the Screen.

Indicate that SummaTRON-AVA does not use cookies or database to store information, only uses SummaTRON-API y Tron-Network.

← → ↻ <https://www.summatron.com/AVA.html>

 WhitePaper API

SummaTRON-AVA(Sign up)

State of the Accounts		Precio : 0.01836€
Name	Cantidad	
Show All Accounts Aggregated		
Sin descripción TH6jbcSoqzW8884bhtqTd9UG1kwqTB45Ej	4.75 * 0.00	
Bernardino TEUCPf9d4sxDPGD6oYqGtRUhFs2zsWS4To	15.96 * 35,388.54	
SummaTRON-AVA TGJ6IAyibFVJGuvXN9JFHTaoLR4z4wz4	6.88 * 0.00	
Total TRX	35,416.12	
Total Euros	650.24€	
Refresh		

Finally you can Link accounts using a wallet and sending an SummaTRON to yours others accounts, and filling the data field with “Link” text. Also you can use IdTron for scanning the QR code generated after fill the address field at AVALink.html.

← → ↻ <https://www.summatron.com/AVALink.html> En pausa

 WhitePaper API AVA Shop STX ITX Contact 

SummaTRON(Login)(Sign up)

Fill the address to link it with IdTron

Generate QR



[SummaTRON-ID] TCHDEWDqrSPGywDXxhMUffqwbdfpcN4rTH

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Simply amazing !, without identification or prior registration. All thanks to **TRON.NETWORK**

RoadMap

In October 2018, the SummaTRON (STX) was created to provide 10 million tokens for registering companies, signing documents, or linking accounts.

In October 2018, the IdTronix (ITX) was created to provide 10 billion tokens for identification.

In November 2018, the Access service will be available on the website www.summatron.com, Implement an example of using API, AVA, where you can easily see the content of linked accounts and you can get account summaries, frozen TRX, other tokens, etc.

In December 2018, the IdTron the Android version of the application will be available for identification processes.

In January 2019, the IdTron the iOS version of the application will be available to carry out the identification processes.

In March 2019, the breakdown of account tokens will be incorporated.

In June 2019, the value of the market-listed tokens will be incorporated.