



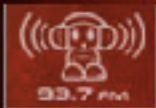
PELLAR

BLOCKCHAIN SOLUTIONS



HONDA

Roy Hui



Choose Your Nova Station

Ut placerat, eros eu egestas ullamcorper, lacus libero ornare velit, vel allquet sapien Justo eu turplis.



Latest Music



MORE MUSIC

**NOW YOU CAN
WITH A
TiVo!**

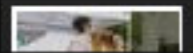


Latest Videos



Counting Crows-Big Yellow Taxi...
Counting Crows video of their hit song Big Yellow Taxi which is on a double...

100+ comments | Posted 12 hours ago ★★★★★



Counting Crows-Big Yellow Taxi...

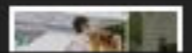


Latest Features



Counting Crows-Big Yellow Taxi...
Counting Crows video of their hit song Big Yellow Taxi which is on a double...

100+ comments | Posted 12 hours ago ★★★★★



Counting Crows-Big Yellow Taxi...



What's Happening

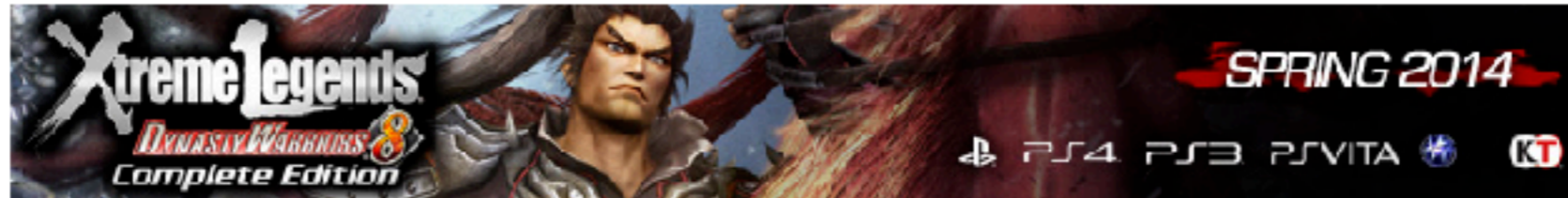


JordanaB added a photo:
Little Birdy (c) Forum Theatre Melbourne...

22 hours ago



JordanaB added a photo:




Assassin's Creed: Unity revealed

Check out the stunning new trailer!



PS4 Forums

show all

- What I bought today v6 - R&OP storecold 15 mins
- Infamous: Second Son - PS4 storecold 21 mins
- Metal Gear Solid V: Ground storecold 31 mins
- The Car Thread - Build Number maxiboy 49 mins
- Stupid "news" thread Tano 3 hours
- Girl Gamers - Official Discussion M@ndyz 4 hours
- Official Football Discussion slublu 15 hours
- AFL Talk 14 Gryllis 19 hours
- Whats your hair like? A2ra3l 22 hours
- Assassin's Creed Unity - Xbox Kenni 22 hours
- Wolfenstein: The New Order Gryllis 1 day
- Dogs Dogs Thread Guyver 1 day
- Tomb Raider: Definitive Edition chucky110 1 day



DriveClub director leaves studio, Sony ensures game is 'spectacular'

What is going on with DriveClub?

1 min ago

0 Comments 0 Likes

Follow Drive Club

News



Watch Sony's full 1 hour Project



FEATURED ARTICLE

Halle Berry is the sexiest woman alive!?

shesaid articles



The Aria Awards
Make-up Wrap-up
2008

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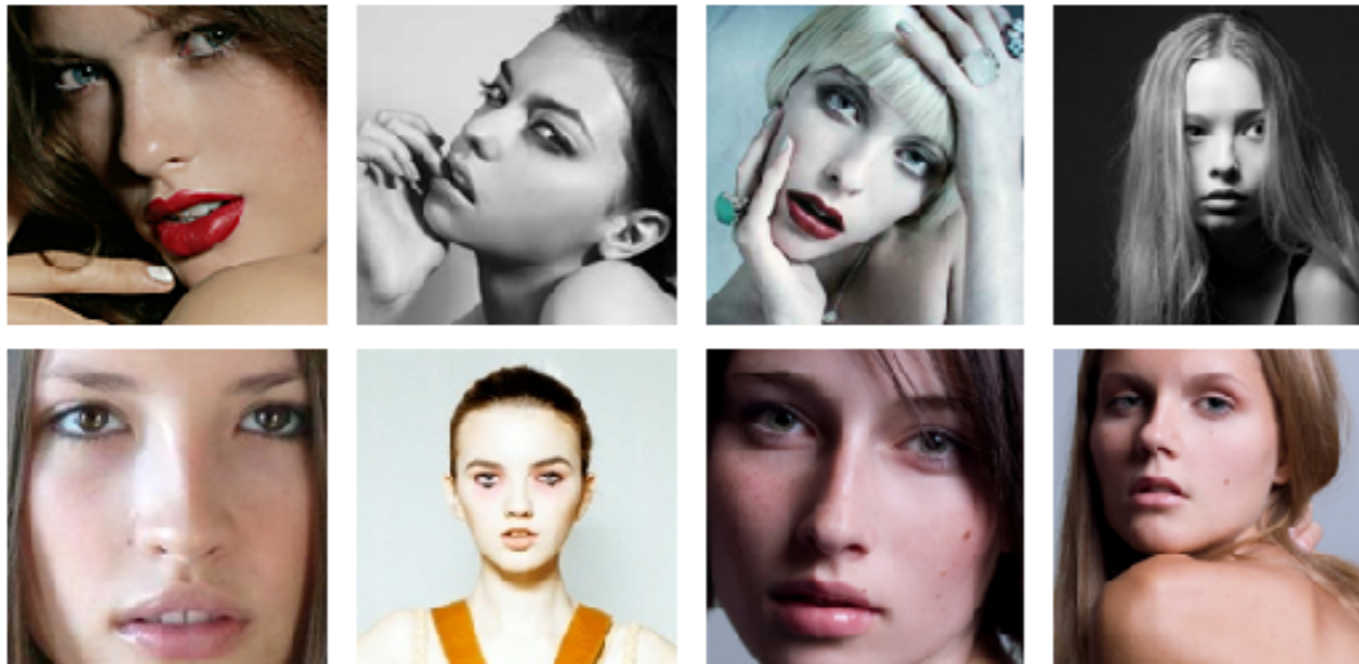


RALPH LAUREN
INTRODUCED

REPLAY

THE NEW WOMEN'S FRAGRANCE BY RALPH LAUREN

Latest Photos



[Similar Photos](#) | [Latest Galleries](#)

Popular Discussion Topics

Anyone interested in pre-owned high-end designer clothes?

1 hour ago | [MkaelaS](#)

Could you please share your thoughts on local shopping in Melbourne?

2 hours ago | [ElosieSaid](#)

Avoid the dodgy website Yesstyle.com which sells Korean-style clothes

1 day ago | [YvesSL500](#)

New kikajomonti Fashion Jewelry store opens in Sydney CBD

1 day ago | [BewdyBeautyOzChick](#)

[+ New Discussion](#) | [Read More](#)

Popular Tags

T2

来自澳大利亚别具一格的时尚茶饮

From Australia to the world. We are tea done differently.

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澳洲人气子母壶

摩洛哥风情

开启异域品茶时光



¥15 满199使用
CLICK ON

¥40 满399使用
CLICK ON

¥80 满599使用
CLICK ON

¥120 满799使用
CLICK ON

PELLAR



PELLAR

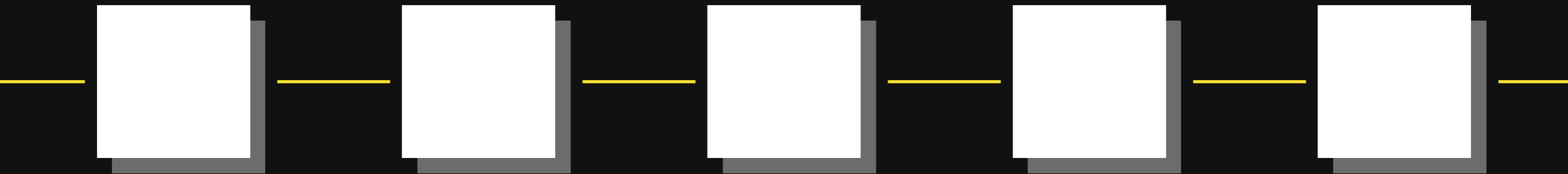
Enterprise Blockchain Solutions

Pellar Blockchain

```
135 }
136
137     account.Data = newVal
138     StoreAccountState(*account, utils.GetBytesFromAddress(address))
139 }
140 }
141 return nil
142 }
143
144 // StoreAccountState - Save accountState to blockchain
145 func StoreAccountState(state AccountState, address []byte) {
146     accountEnc, _ := state.SerializeAccount()
147     storage.ChainDB.Put([]byte("a"+utils.GetAddressFromBytes(address)), accountEnc, nil)
148 }
149
150 //GetAccountState - Get the state of an account from the database
151 //@ PublicKey string: the public key of the account to retrieve
152 func GetAccountState(publicKey string) AccountState {
153     accEnc, err := storage.ChainDB.Get([]byte("a"+publicKey), nil)
154     if err != nil {
155         return AccountState{}
156     }
157     acc, _ := DeserializeAccount(accEnc)
158     return acc
159 }
160
161 //SerializeAccount - Encoded the account
162 func (account *AccountState) SerializeAccount() (AccountState, error) {
163     // Create new buffer and encoder
164     buf := bytes.NewBuffer(nil)
165     enc := gob.NewEncoder(buf)
166     // Encode account into pointer
167     err := enc.Encode(account)
168     return buf.Bytes(), err
169 }
170
171 //DeserializeAccount - Decoded the account
172 //@ serialized_bytes []byte: the bytes to be deserialized
173 func DeserializeAccount(serialized_bytes []byte) (AccountState, error) {
174     // Create new buffer and decoder
175     buf := bytes.NewBuffer(serialized_bytes)
176     enc := gob.NewDecoder(buf)
177     // Create new Block Instance to load the serialized block into
178     var account AccountState
179     err := enc.Decode(&account)
180     return account, err
181 }
182
183 //GetAccountStatesBySymbol - Returns a map of accounts with the given symbol
184 //@ symbol string: the symbol that we are searching for
185 func GetAccountStatesBySymbol(symbol string) ([]AccountState, error) {
186     var accounts []AccountState
187     iter := storage.ChainDB.NewIterator(util.BytesPrefix([]byte("a")), nil)
188     for iter.Next() {
189         acc, _ := DeserializeAccount(iter.Value())
190         if acc.Symbol == symbol {
191             accounts = append(accounts, acc)
192         }
193     }
194 }
```

```
8 type Block struct {
9     //Proposal Stage
10     ProposalHash string `json:"proposal_hash"`
11     ProposalSignature splashecdsa.SplashSignature `json:"proposal_signature"`
12     PreviousHash string `json:"previous_hash"`
13     MerkleRoot string `json:"merkle_root"`
14     TimeStamp int64 `json:"timestamp"`
15     Nonce int64 `json:"nonce"`
16     Index int64 `json:"index"`
17     Transactions []Transaction `json:"transactions"`
18     Miner string `json:"miner"`
19 }
20
21 //Endorsement Stage
22 EndorserSignatures []EndorserSignature `json:"endorser_signatures"`
23
24 //Commit Stage
25 BlockHash string `json:"block_hash"`
26 BlockSignature splashecdsa.SplashSignature `json:"block_signature"`
27
28 //Multiple Stages
29 State string `json:"state"`
30 Protocol int64 `json:"protocol"`
31 Remined int64 `json:"remined"`
32 }
33
34 //NewBlock - Create a new block
35 //@ PreviousHash string: set previous blocks hash
36 func NewBlock(PreviousHash string) Block {
37     block := Block{}
38     block.PreviousHash = PreviousHash
39     block.Index = GetBlockChain().Index + 1
40     block.TimeStamp = time.Now().Unix()
41     block.Transactions = []Transaction{}
42     block.PreviousHash = PreviousHash
43     block.BlockHash = utils.GetBlockHash(block)
44     block.ProposalHash = utils.GetProposalHash(block)
45     block.Protocol = config.Protocol
46     block.Remined = 0
47     return block
48 }
49
50 //MineBlock - Mines a block and returns it
51 func (block *Block) MineBlock() Block {
52     if Target == "" {
53         for i := 0; i < config.DIFFICULTY; i++ {
54             Target = Target + "0"
55         }
56     }
57     // Take txns from mempool and add them to this newly mined block.
58     if len(BlockChain.MemPool) > 0 {
59         for _, v := range BlockChain.MemPool {
60             //Add transaction to the current block being mined
61             block.AddTransaction(v)
62         }
63         BlockChain.MemPool = make(map[string]Transaction)
64     }
65     block.MerkleRoot = GetMerkleRoot(block.Transactions)
66     //Sign
67     privateKey, publicKey := utils.GetNodeKeyPair()
68     block.GenerateSignature(privateKey, publicKey, 2)
69     block.Miner = publicKey
70 }
```


Pellar Blockchain



PBFT Consensus Algorithm

20,000 TPS / Multi Purpose / Enterprise

Financial

20:56

BTC/USD: \$3,486.46 USD

Balance \$4.50 USD

Amount - 0 +

Order Value \$0.00 USD

Buy Coins

Market Prices

3,580
3,560
3,540
3,520
3,500
3,480
3,460

12/08 17:10
Market Price: 3,538.87

28 16:45 12/08 17:50 12/08 18:55 12/08 20:00

Home Buy Shop Settings

20:54

Dashboard

\$650.51
Account Balance USD

Please verify your ID

All Accounts With Balance

USD	5650.51
SPNC	38,416.1231
ETH	0.09982792
BTC	0.0005
SUNC	0
TRX	0
BNB	0

Home Buy Send Settings

20:55

Dashboard

10,000
Account Balance XIF

Please verify your ID

Accounts

XIF	10,000
XIP	9,979.3
MYR	0
ETH	0
BTC	0
EOS	0

Home Buy Send Settings

20:54

Dashboard

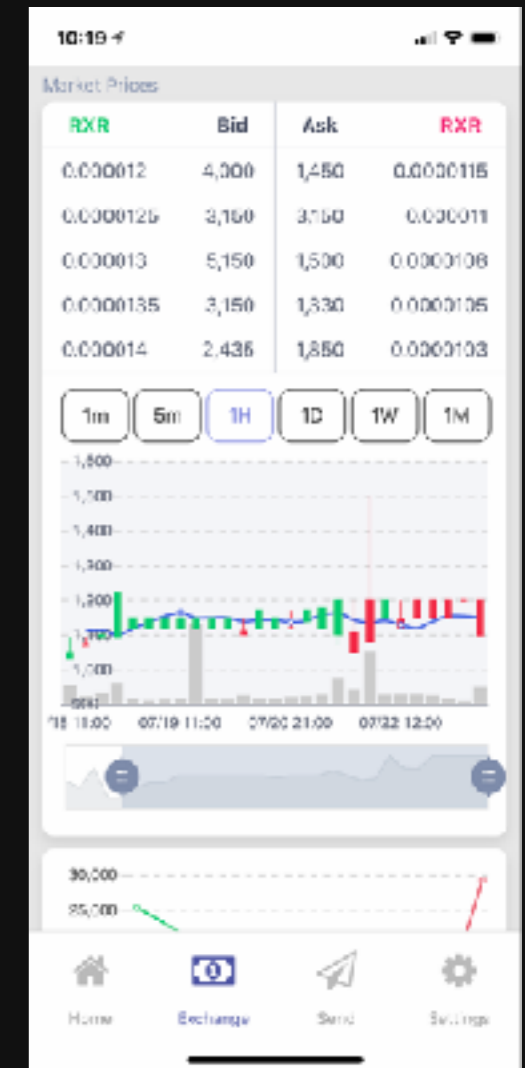
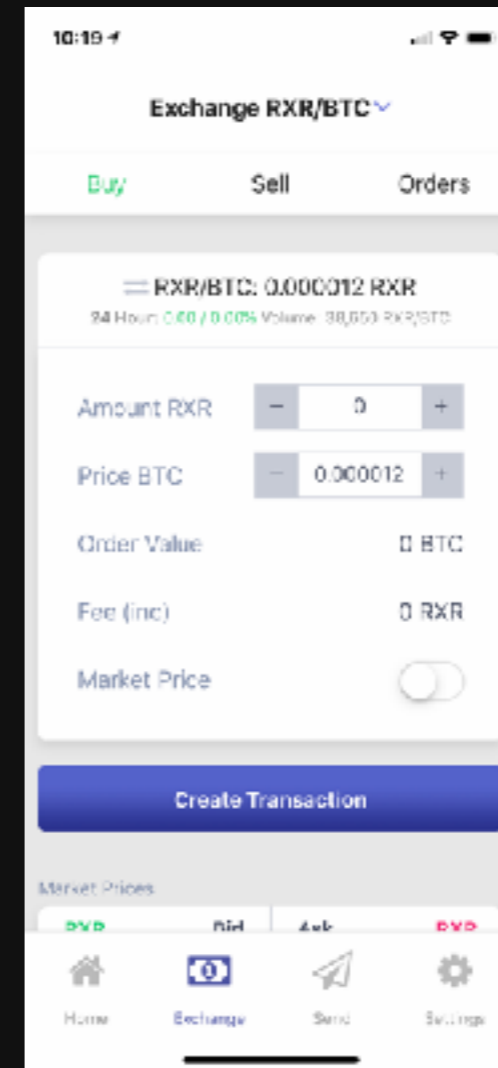
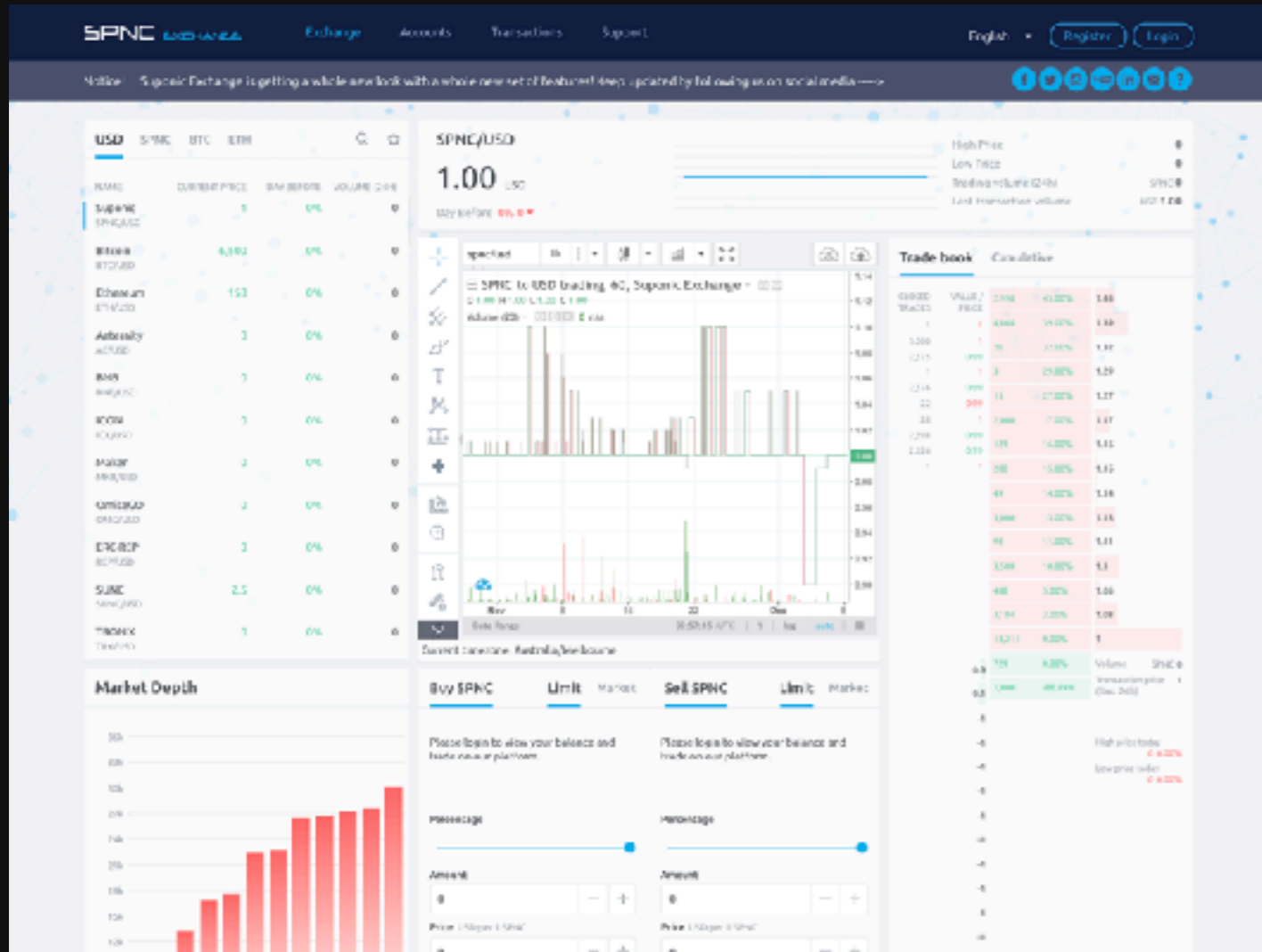
\$4.50
Account Balance USD

Please verify your ID

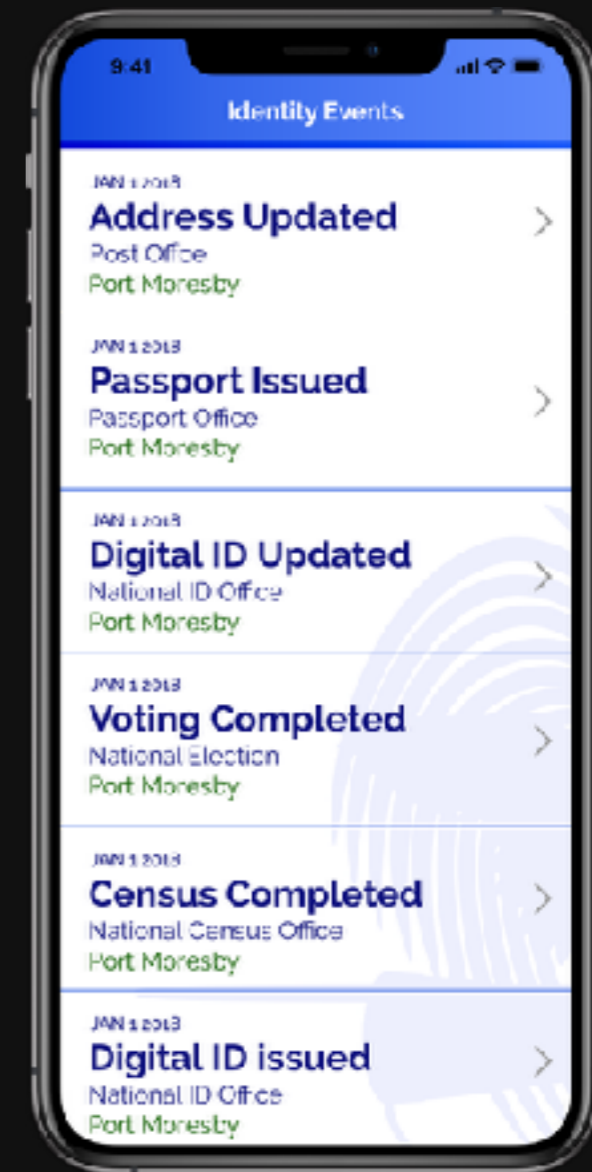
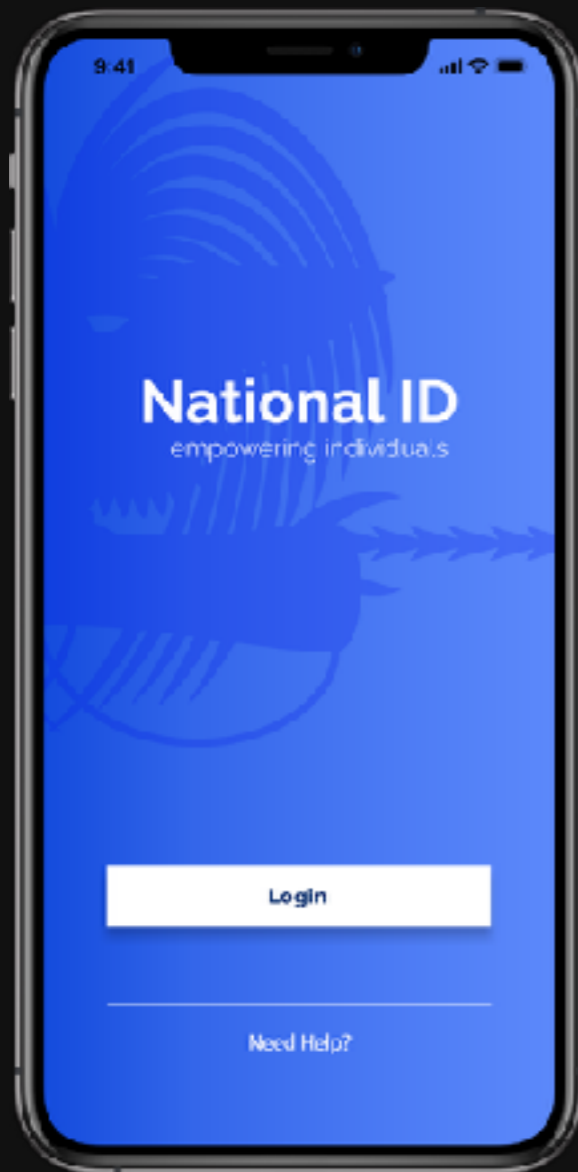
USD	\$4.50
ETH	0
BTC	0

Home Buy Shop Settings

Tokenize & Trade



eGovernment



Technical

SUPONIC FEDERATION PRODUCTION

Introduction

- Identity
 - Authentication
 - POST Verify Mobile Number
 - POST Register User
 - POST Login User
 - POST Login User - Verify 2FA
 - POST Update Password
 - POST Forget Password
 - POST Reset Password
 - 2FA & Security
 - Details & Preferences
 - Admin Features
- Accounts
 - GET Get Accounts by User
 - GET Get Account Detail
 - GET Get SPN Coin Detail
 - GET Get ETH Coin Detail
 - GET Get BTC Coin Detail
 - GET Get USD Account Detail
 - POST Withdraw from USD Account
 - POST Withdraw from ETH Account
 - POST Withdraw from BTC Account
 - POST Withdraw from ERC20 Account
 - POST Deposit using Stripe (Legacy)
 - POST Deposit using Stripe V2
 - GET Download Account Details
- Transactions
- Contacts
- Trades
- Logs

Accounts

GET Get Accounts by User 🔒

`https://2.sponapi.com/accounts/user/:user_id`

Get all accounts associated with an user.
This endpoint requires a security token to validate identity.

PATH VARIABLES

user_id	4b3b591b336770a3ec204dec8955507c7799
----------------	--------------------------------------

GET Get Account Detail 🔒

`https://2.sponapi.com/accounts/:account_id`

Obtain account details for an account. Valid params are: datefrom, dateto, status, pagesize, pageindex

PARAMS

PATH VARIABLES

account_id	e9dfe0286345beb39b8cf87195cab07ae93b Account ID
-------------------	--

Example Request

Get Accounts by user

```
curl --request GET \
  --url 'https://2.sponapi.com/accounts/user/:user_id'
```

Example Response

200 OK

```
{
  "accounts": [
    {
      "key": "76f7fc38c867a94d5040dbbec715b48c5d99",
      "name": "USD Saving",
      "user_key": "4b3b591b336770a3ec204dec8955507c7799",
      "amount": "940.59",
      "type": "Saving",
      "symbol": "USD",
      "local": true,
    }
  ]
}
```

Example Request

Get Account Detail

```
curl --request GET \
  --url 'https://2.sponapi.com/accounts/:account_id'
```

Example Response

200 OK

```
{
  "account": {
    "key": "76f7fc38c867a94d5040dbbec715b48c5d99",
    "name": "USD Saving",
    "user_key": "4b3b591b336770a3ec204dec8955507c7799",
    "amount": "940.59",
    "type": "Saving",
    "symbol": "USD",
    "local": true,
  }
}
```

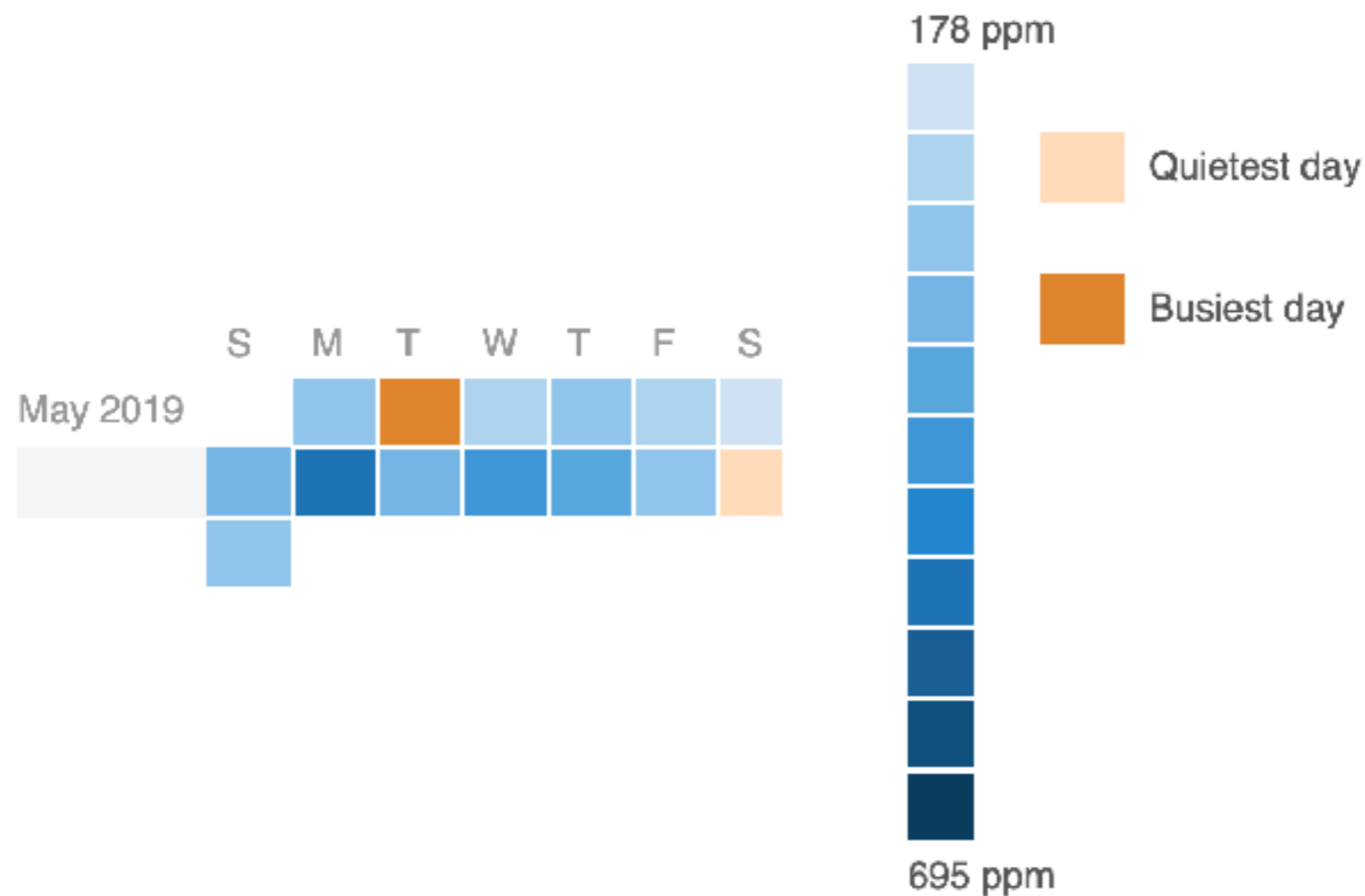
Monday 05/20/2019 through Sunday 05/26/2019

[Skip ahead to all apps report](#)

[See report at New Relic](#)

36.5 ms Response time	3.63 mil Requests	0.96 Apdex	0 % Error rate	
▲ 5.49 %	▲ 3.42 %	no change	-	From last week

Two week throughput pattern



10 million / day

Partnerships

Atos

BV



What is Blockchain?



Data

Roy bought a Civic on Monday for ₱1,000,000

Who

What

When

How Much

Roy bought a Civic on Monday for ₱1,000,000

it happened

Time

past

now

future



it happened

it can't unhappen

Roy bought a Civic on Monday for ₱1,000,000

Roy bought **an Accord** on Monday for ₱1,000,000

Cindy bought an Accord on Monday for ₱1,000,000

Home Insert Draw Page Layout Formulas Data Review View

Paste Calibri (Body) 12 B I U Merge & Centre General Conditional Formatting Format as Table Cell Styles Insert Delete Format

Wrap Text Sort & Filter Find & Select Ideas

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Who

What

When

How Much

Roy bought a Civic on Monday for ₱1,000,000

Home Insert Draw Page Layout Formulas Data Review View

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Database



ORACLE®



SAP



Microsoft®
SQL Server

Facilitate Change

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Sort & Filter

Find & Select

Ideas

Share Comments

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Home Insert Draw Page Layout Formulas Data Review View

Paste Paste with icons

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Wrap Text Merge & Centre

General Number Percentage Decrease Increase

Conditional Formatting Format as Table Cell Styles

Insert Delete Format

Sort & Filter Find & Select

Share Comments Ideas

A1 fx

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Flexible Data

Who

What

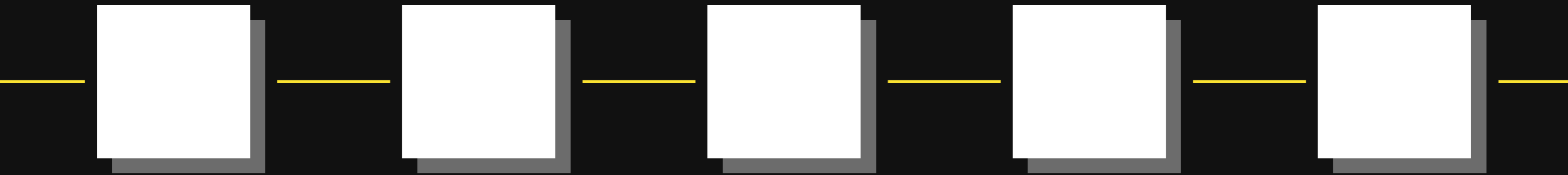
When

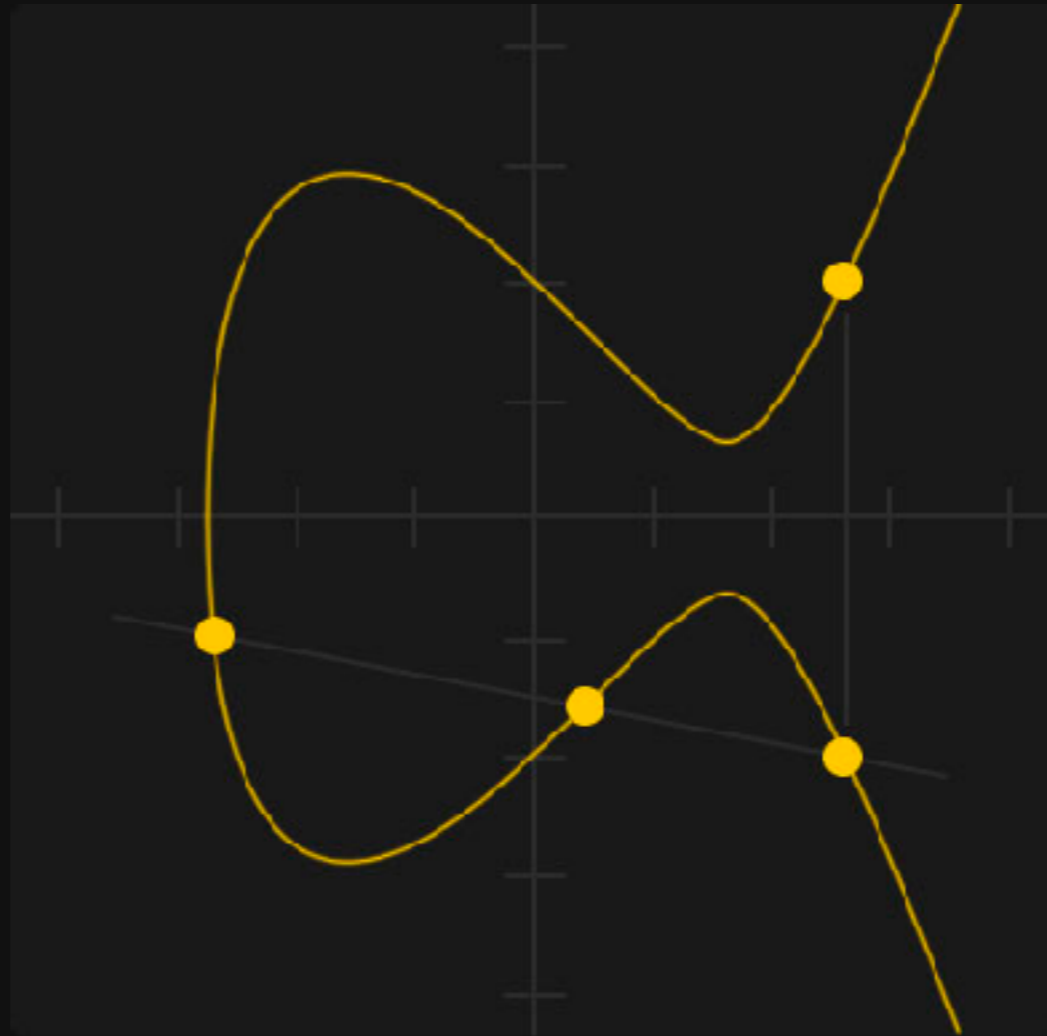
How Much

Roy bought a Civic on Monday for ₱1,000,000

Permanent Data

Blockchain



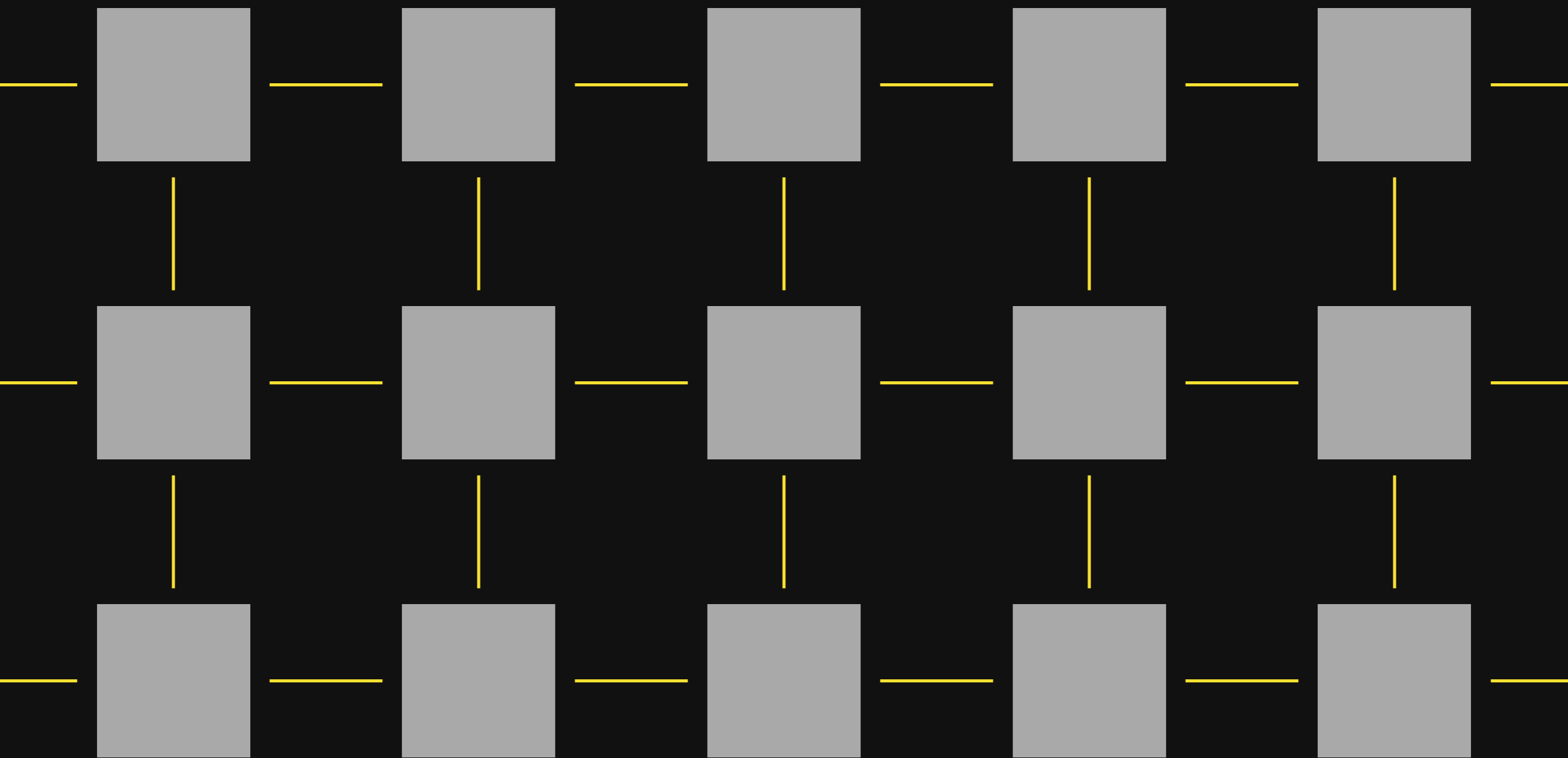


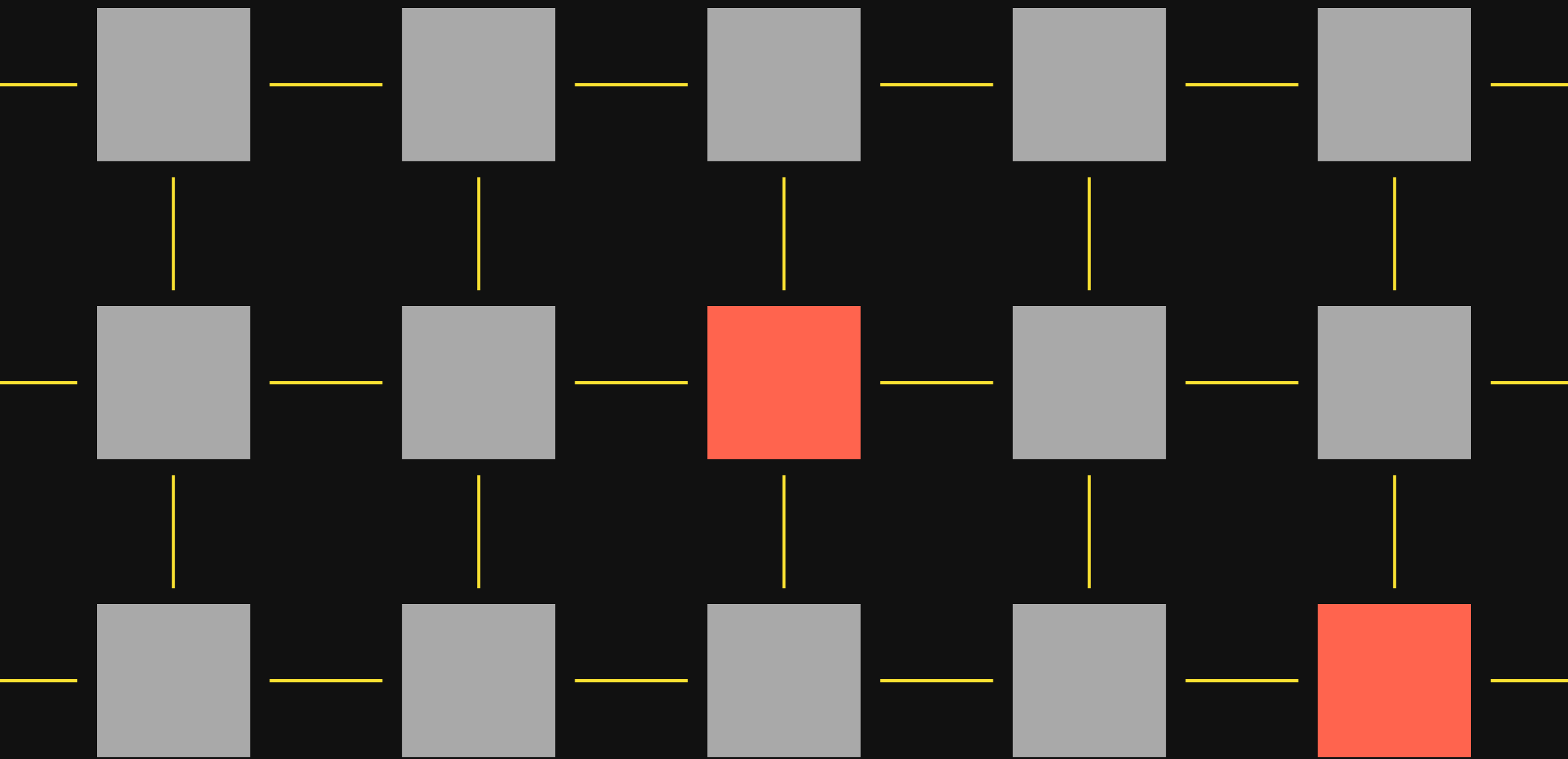
$$y^2 = x^3 - 3x + 41058363725152142129326129780047268409114441015993725554835256314039467401291$$

modulo $p = 2^{256} - 2^{224} + 2^{192} + 2^{96} - 1$

Blockchain







Roy Deposited \$100 on Sunday @ Bangkok Bank



Permanent Data

Flexible or Permanent

relational

non relational

blockchain

What blockchain isn't

- Not just cryptocurrency
- Not always energy intensive
- Not always solution to everything
- Doesn't magically integrate

Permanent Data

Uses?

Significant Records

Significant Records

What's valuable to you

Bitcoin / U.S. Dollar - W - BITSTAMP 10526.60000 +334.73000 (-3.28%)
Vol (20) 74.494K 71.249K





Ownership




Servicing




Supply Chain

Future





Autonomous



Energy



Ownership

Honda Blockchain?

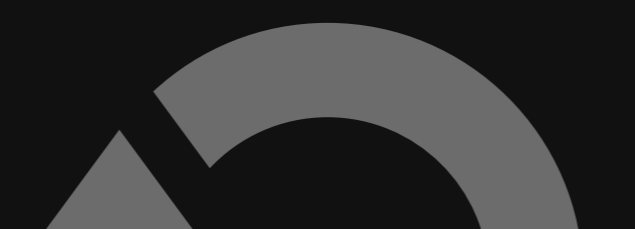
Customer Cycle

Transfer

Sales Lead

Test Drive

Resell



Price Negotiation

Repair

Financial Services

Warranty &
Maintenance

Order and Delivery

Contract

PELLAR

pellar.io