

Sixty Months of Change

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Rich Radka: Flux

Corner Office:

Stable core, partners in periphery

JP Nicols:

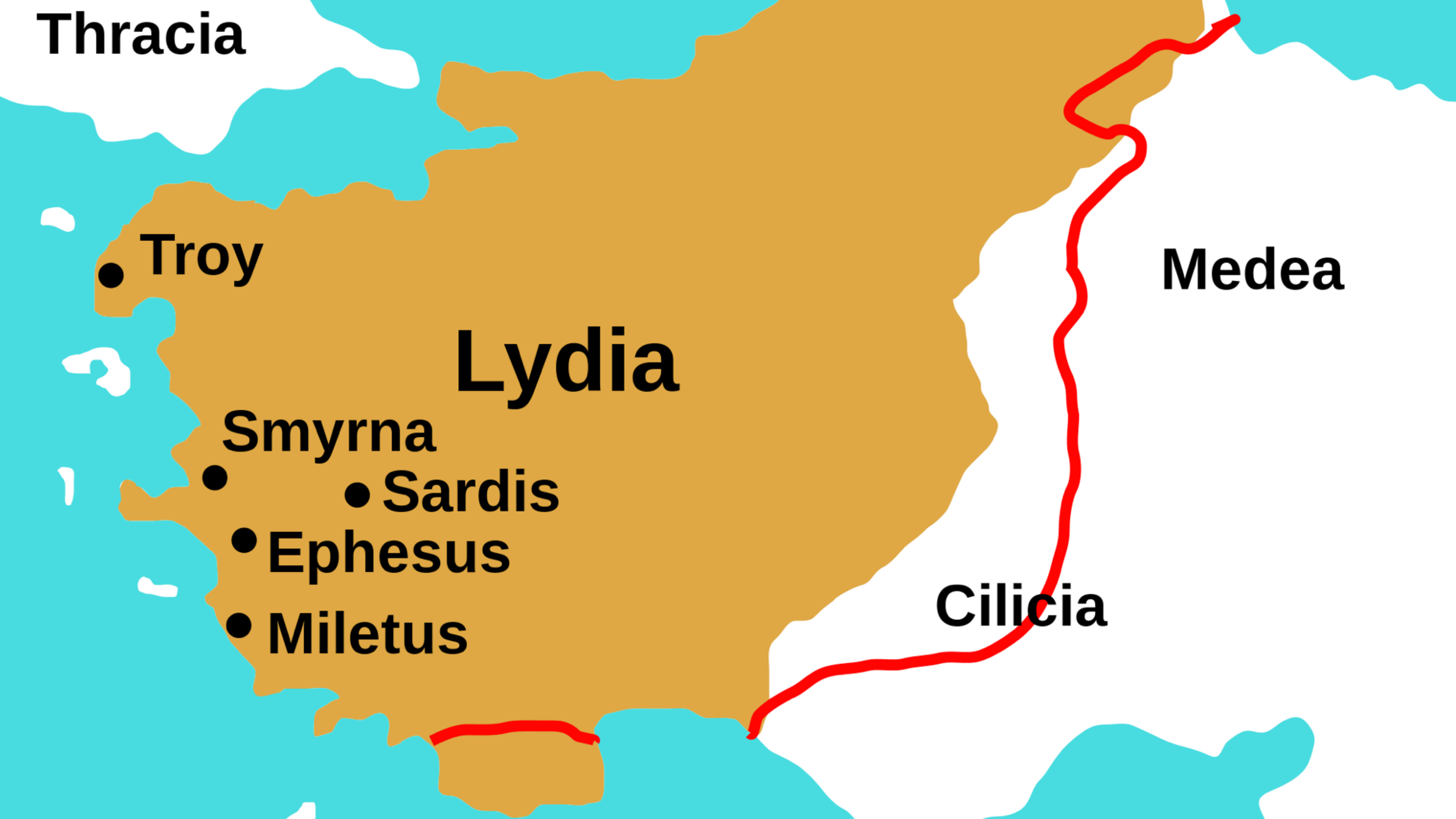




Part One



Old Money



Thracia

● **Troy**

● **Smyrna**

● **Sardis**

● **Ephesus**

● **Miletus**

Lydia

Cilicia

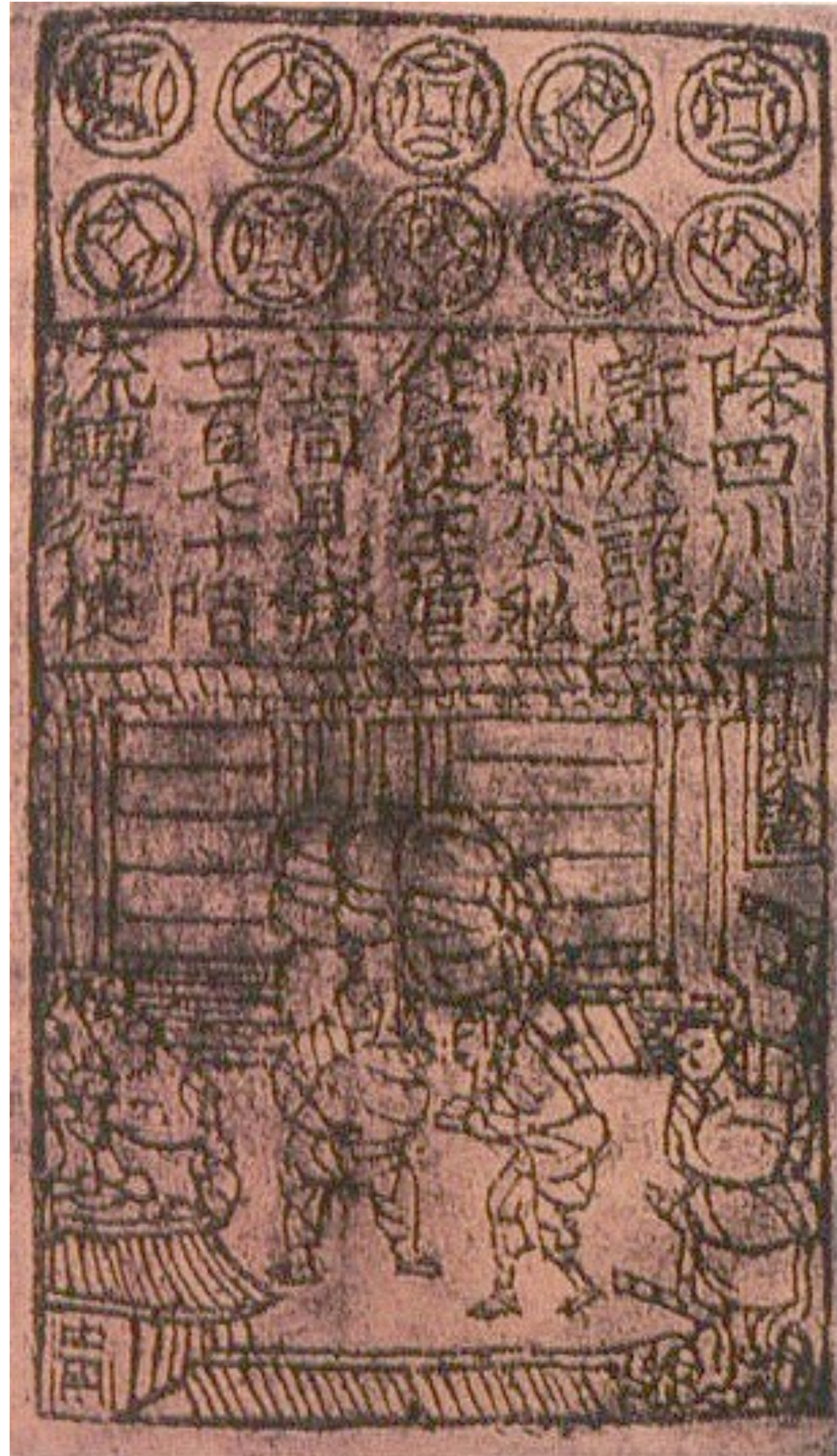
Medea

LIDYA(I.Ö.650-561)



'Pounds, Shillings, Pence'





'Jiaozi'

Song Dynasty, 10th Century

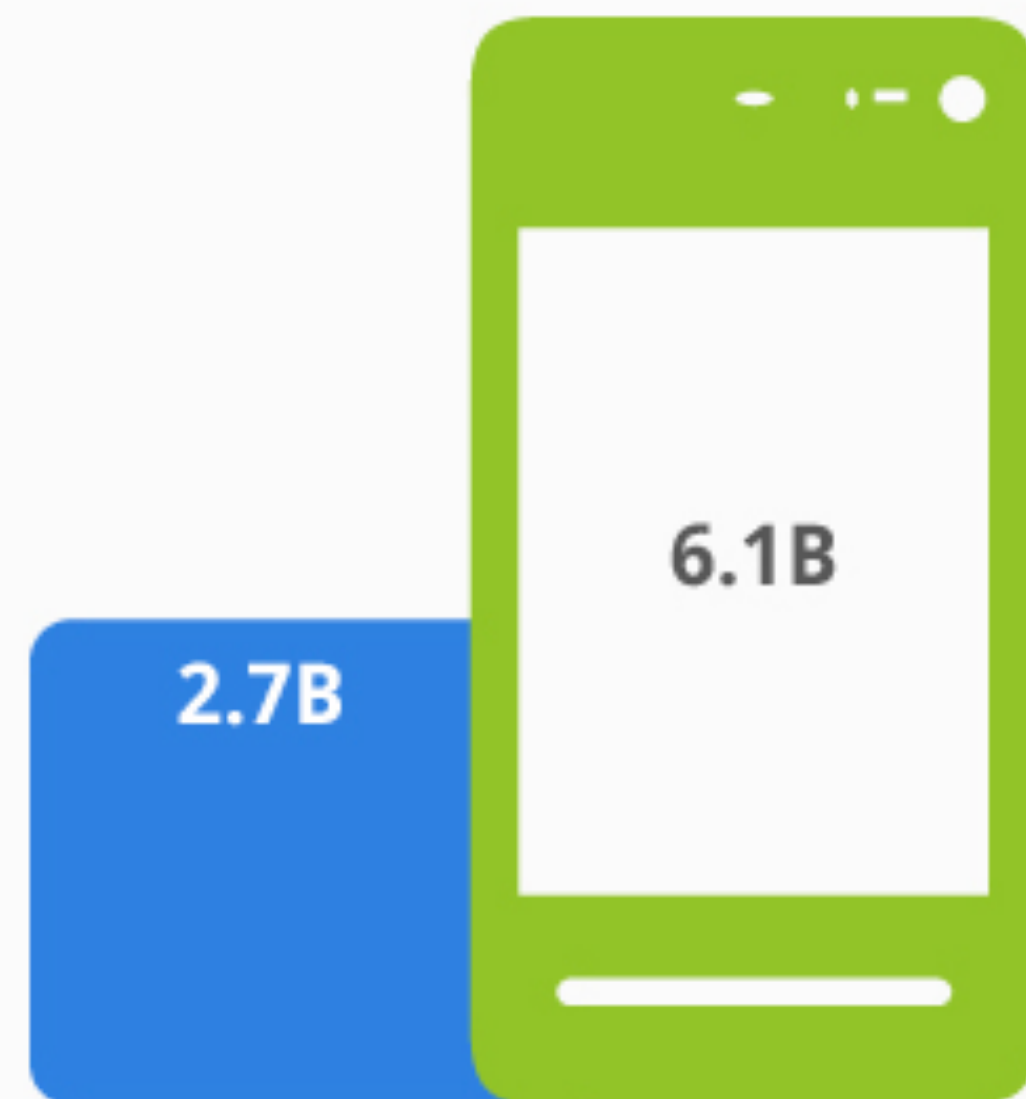


Global Smartphone Traffic to Increase 8x by 2020

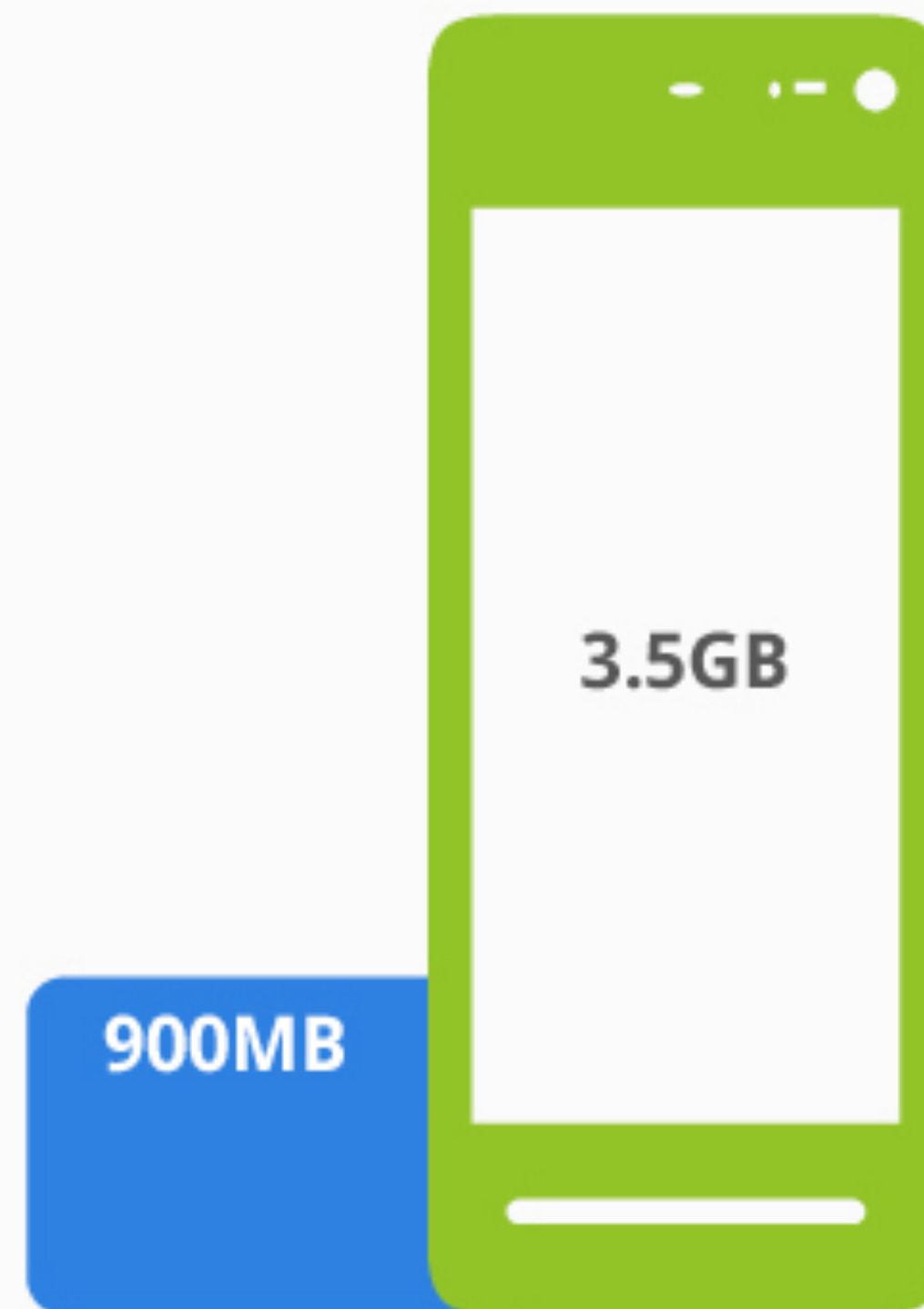
Forecast of global smartphone subscriptions and monthly smartphone data traffic

■ 2014 ■ 2020

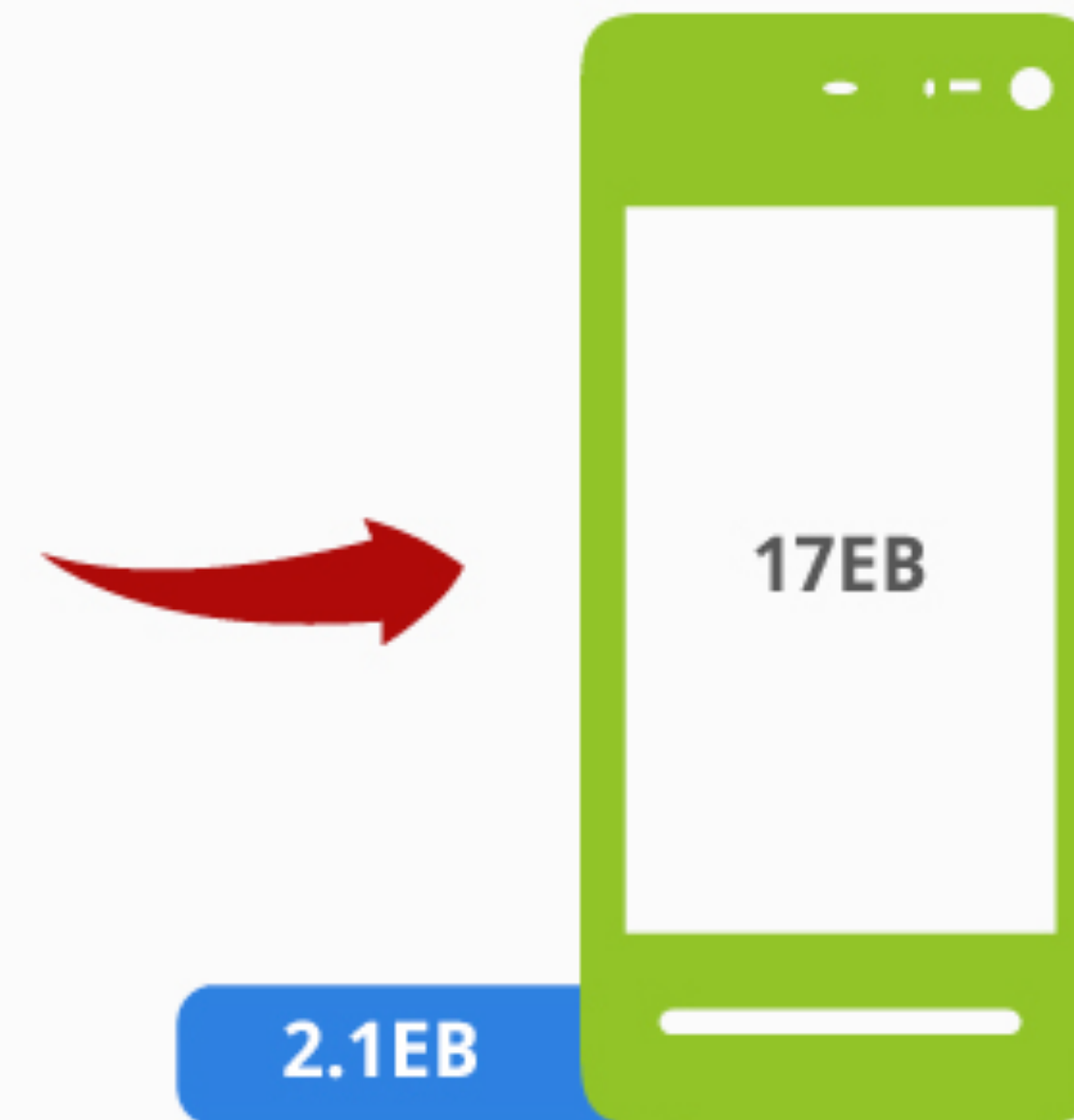
Smartphone subscriptions



Monthly traffic per active subscription*



Total monthly smartphone traffic



@StatistaCharts

* Active subscriptions do not include multiple sims or inactive devices

Source: Ericsson

statista

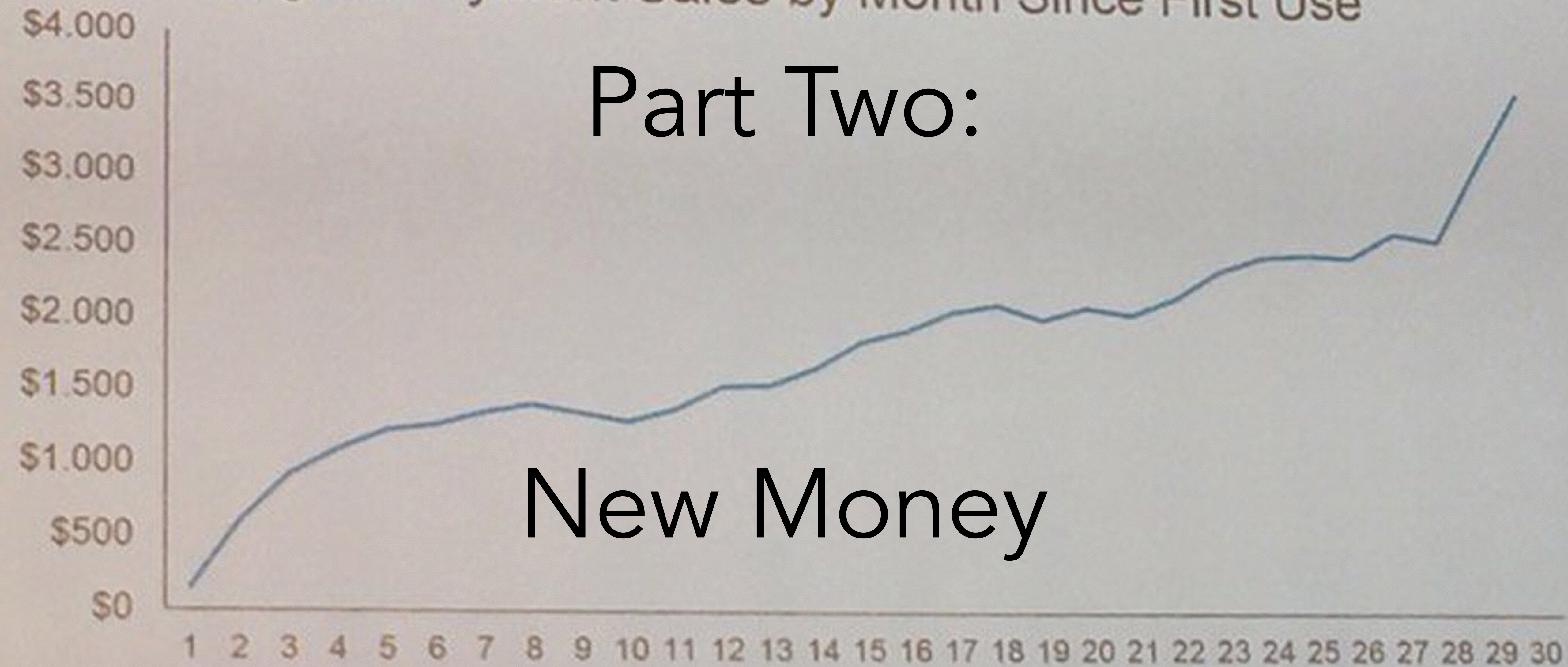


The platform for commerce.

Digital Payment Sales by Month Since First Use

Part Two:

New Money

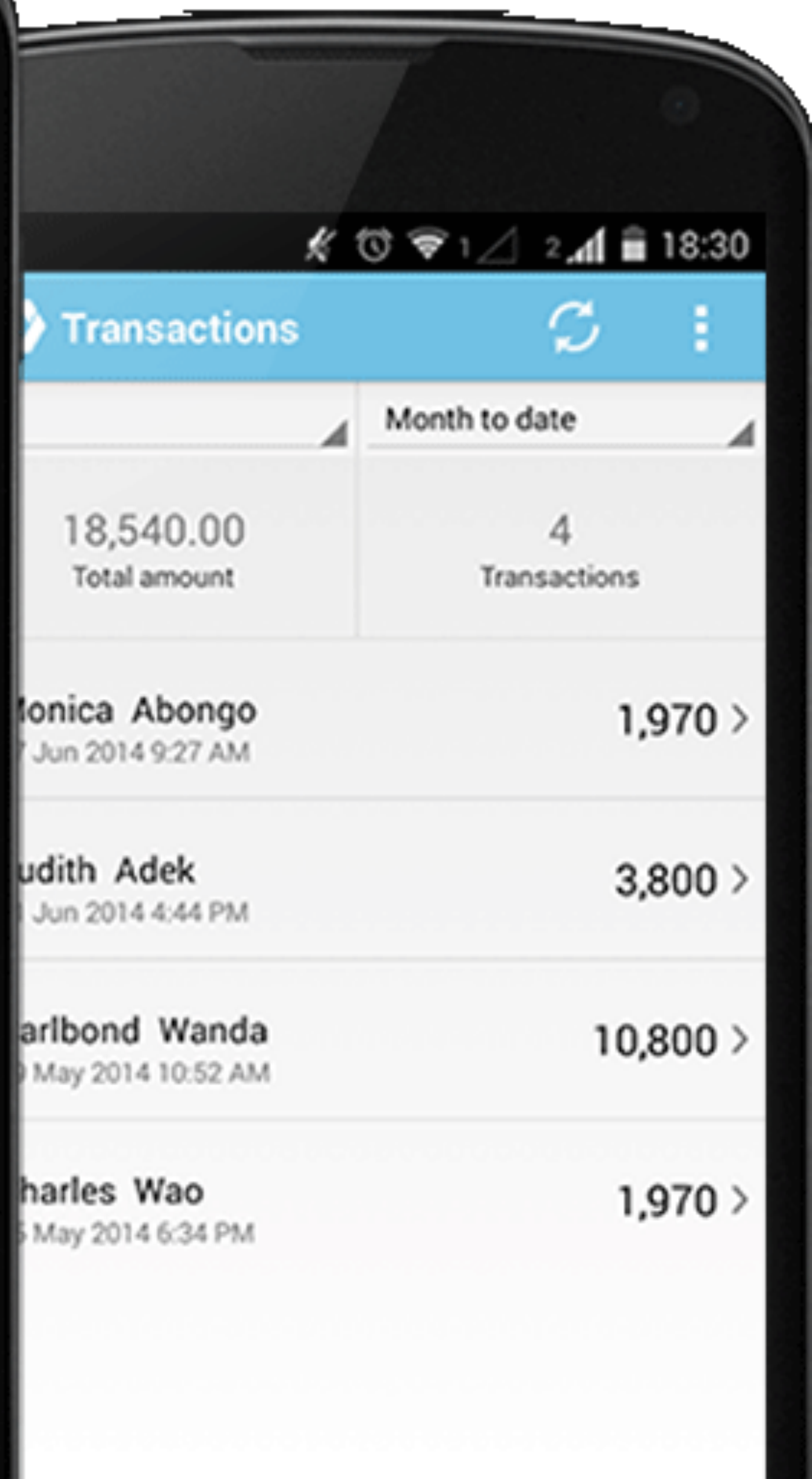
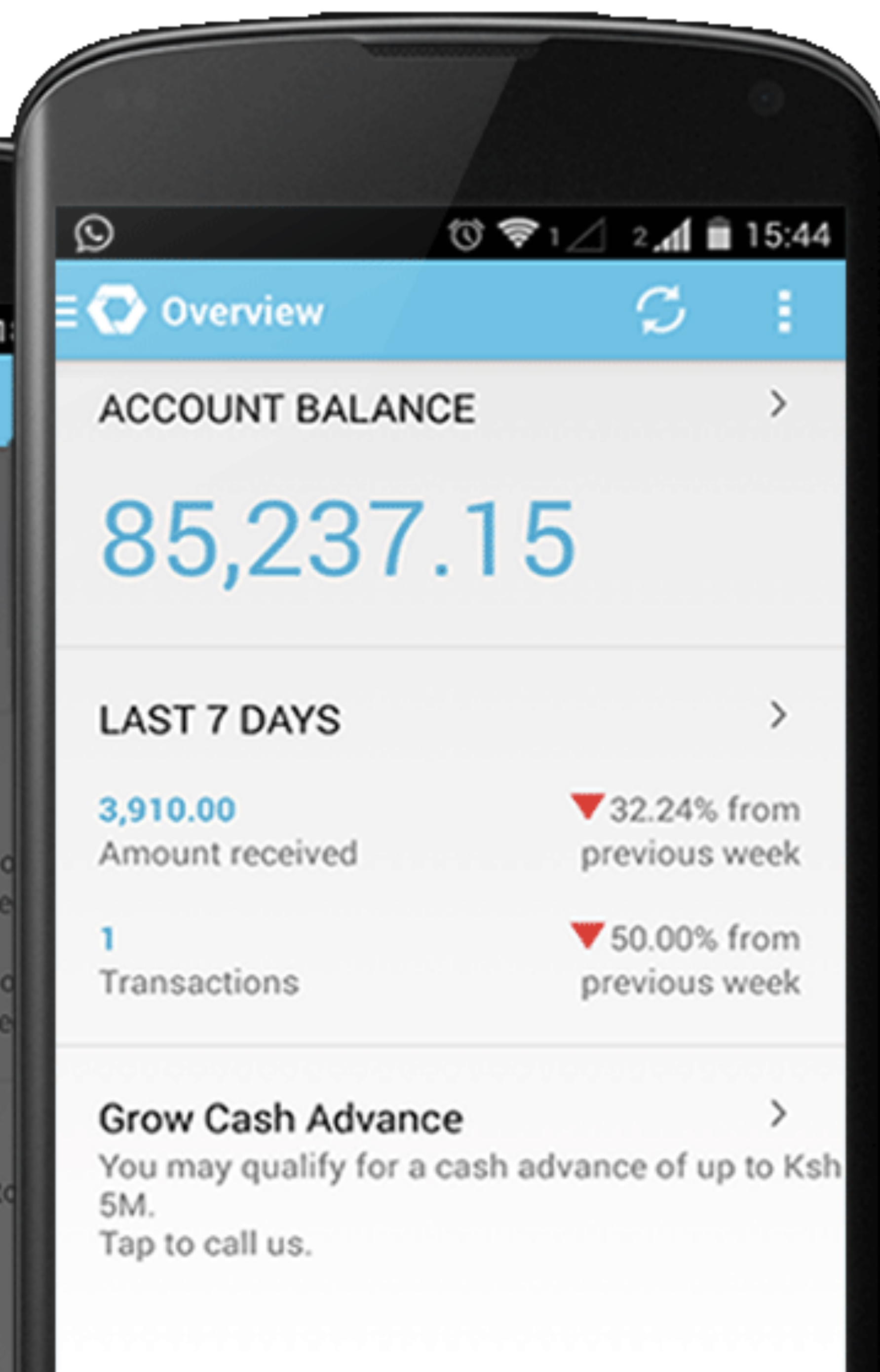
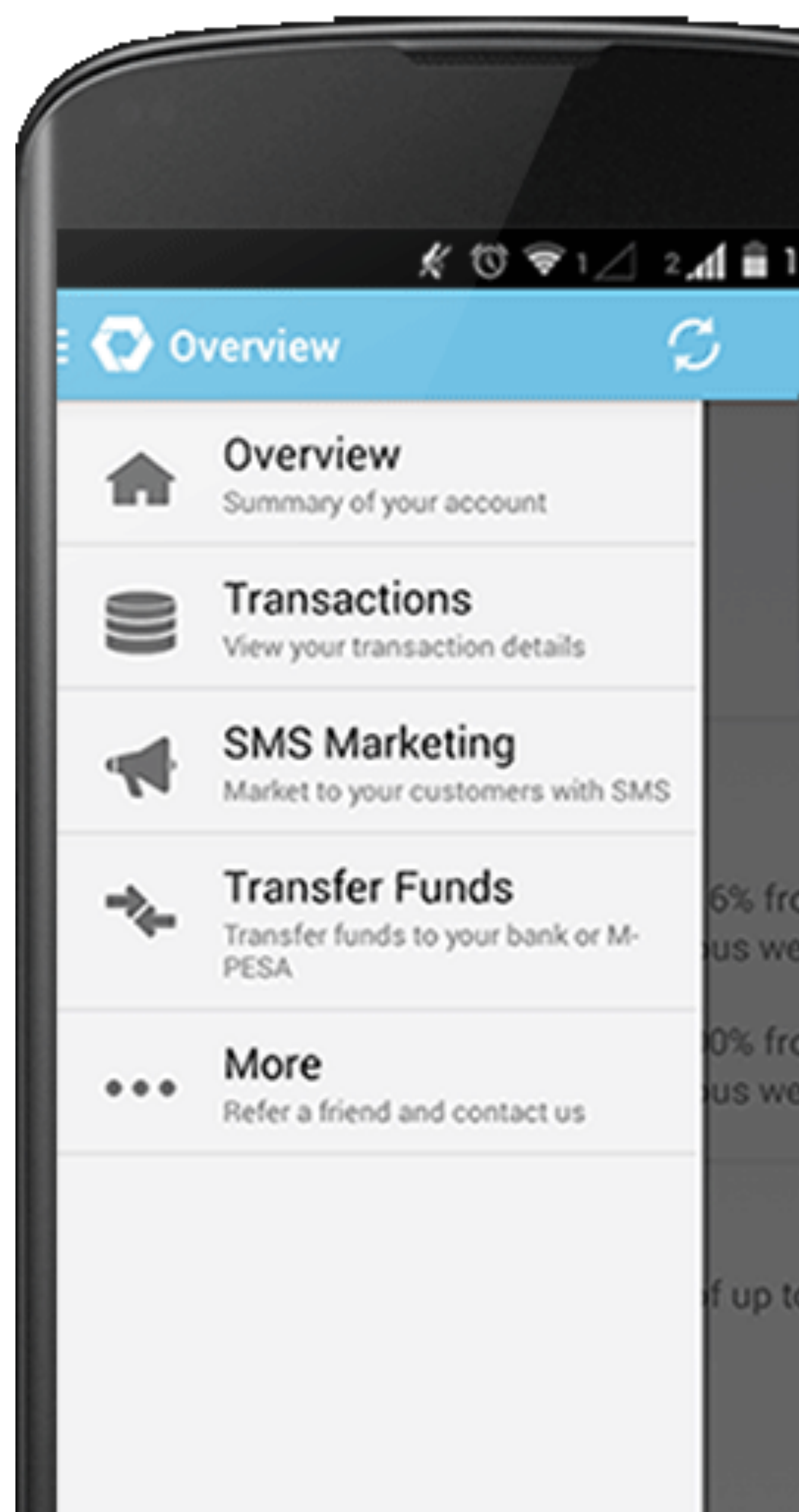


WAKIL
PESA
kwa SIMU



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- Folders
 - Invoices
 - Paid
 - Estimates
 - Purchase Orders
 - Credit Memos
- Products
- Clients
- Notifications
- Reports
- Apps2go
 - Receipts2go

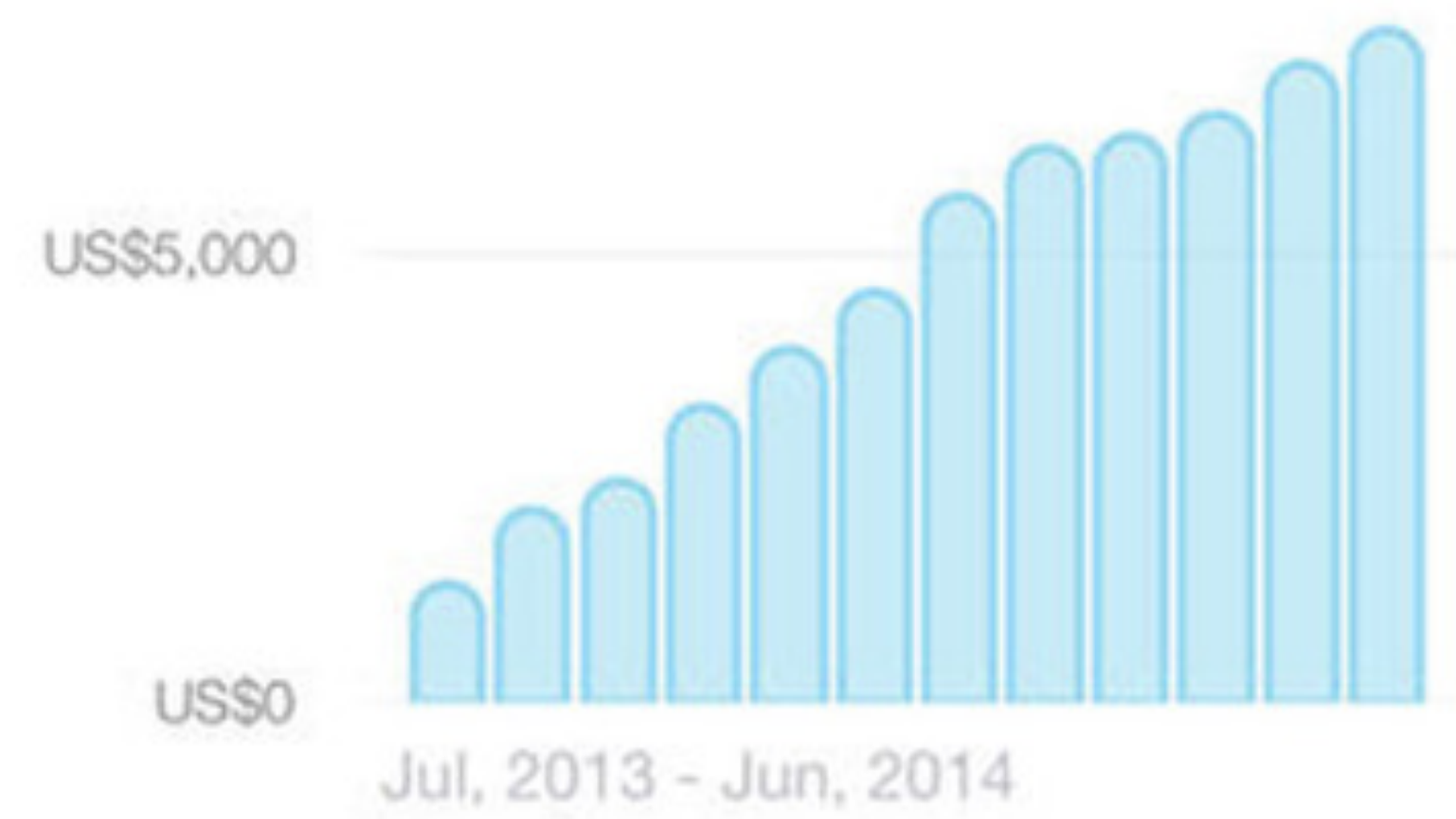
48 Sales



Total Sales
\$57,256.06

1

Total c



- 1. John Smith
\$11,988.00
- 2. Trust Real Estate
\$8,154.00
- 3. Heidi Jones
\$6,276.06



Tap here to search...

- User profile icon
- Shopping cart icon
- Receipts icon
- Calendar icon



16 Invoices
outstanding

Total \$14,466.51



NOKIA
 Amt:Rs.10000
 Bal:Rs.219521
 To:11888625318
 Last Okekey:43
 Back

638202	0005	2061052088	1024
Rajima	162292	5665120186	1000
284532	5664	8288210166	1000
	16292	SANDAS	5000
	267291	99108566	5000
	1000		
	2892		

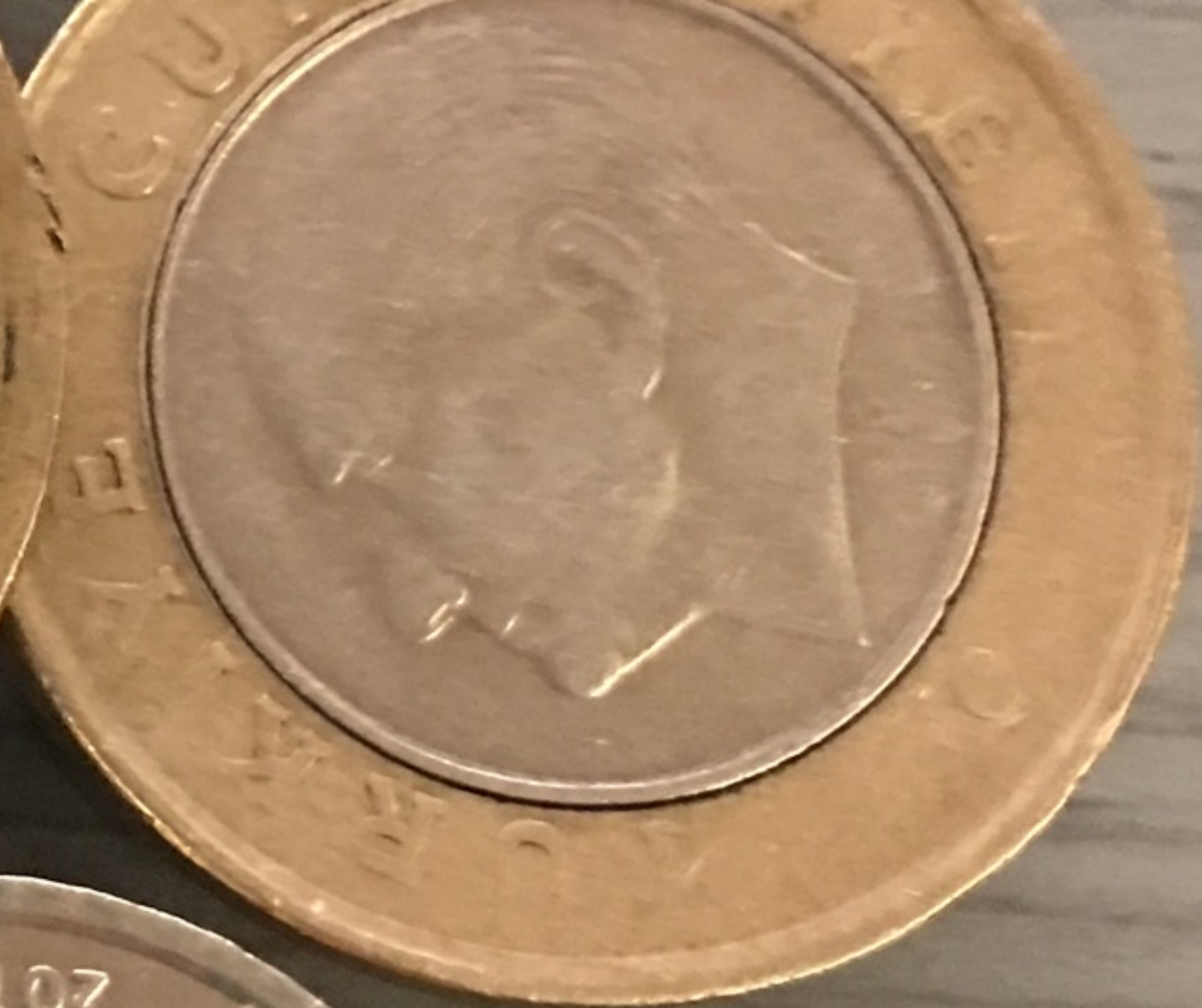
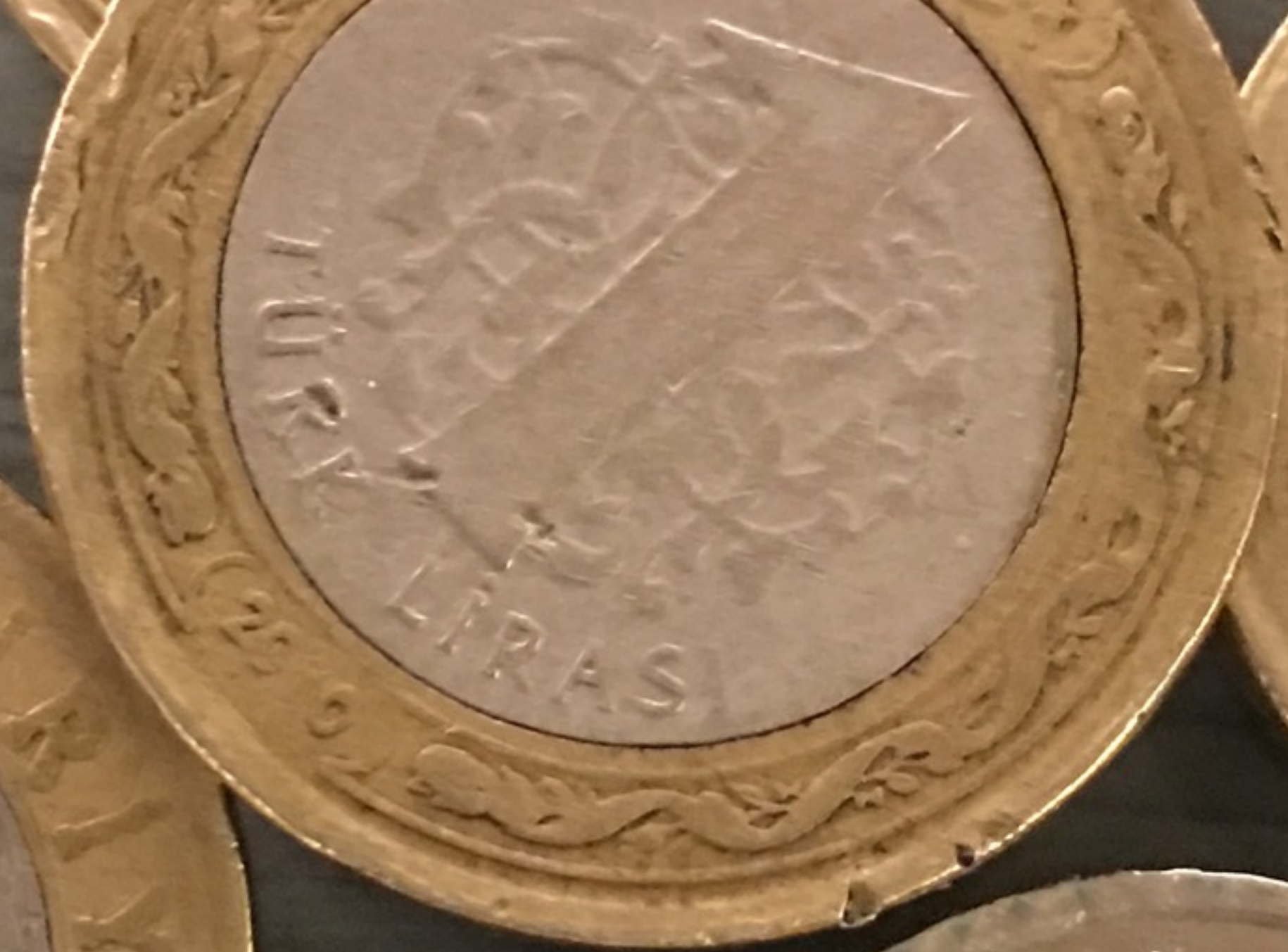


Google play



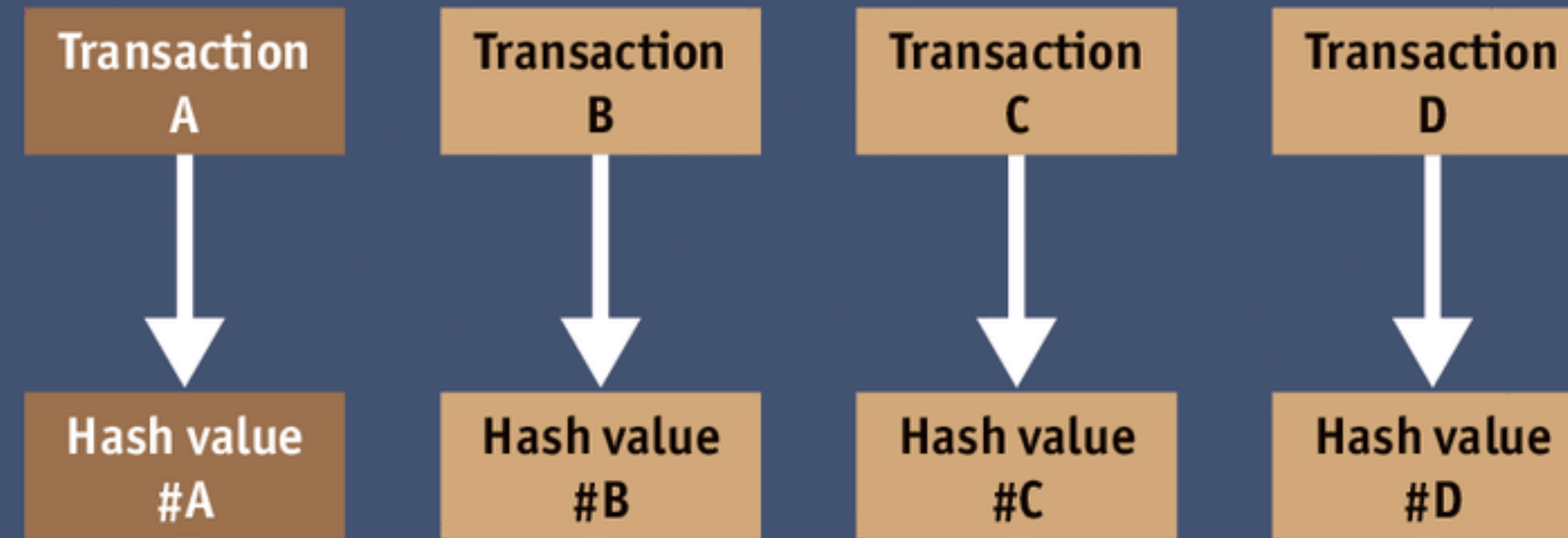
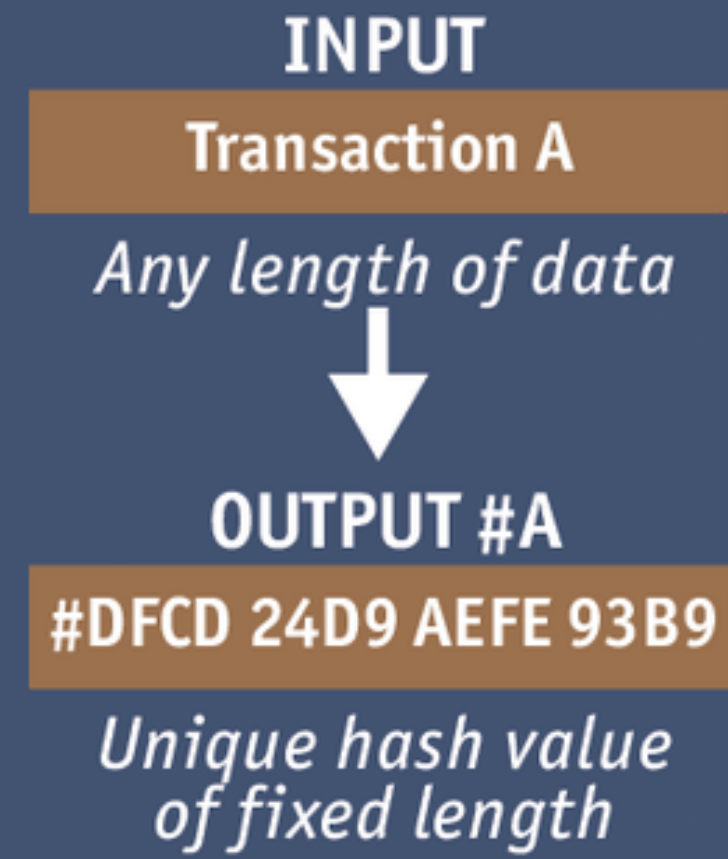
Download on the
App Store





Abstract. A purely peer-to-peer version of electronic cash would allow online payments to be sent directly from one party to another without going through a financial institution. Digital signatures provide part of the solution, but the main benefits are lost if a trusted third party is still required to prevent double-spending. We propose a solution to the double-spending problem using a peer-to-peer network. The network timestamps transactions by hashing them into an ongoing chain of hash-based proof-of-work, forming a record that cannot be changed without redoing the proof-of-work. The longest chain not only serves as proof of the sequence of events witnessed, but proof that it came from the largest pool of CPU power. As long as a majority of CPU power is controlled by nodes that are not cooperating to attack the network, they'll generate the longest chain and outpace attackers. The network itself requires minimal structure. Messages are broadcast on a best effort basis, and nodes can leave and rejoin the network at will, accepting the longest proof-of-work chain as proof of what happened while they were gone.

Making a hash of it



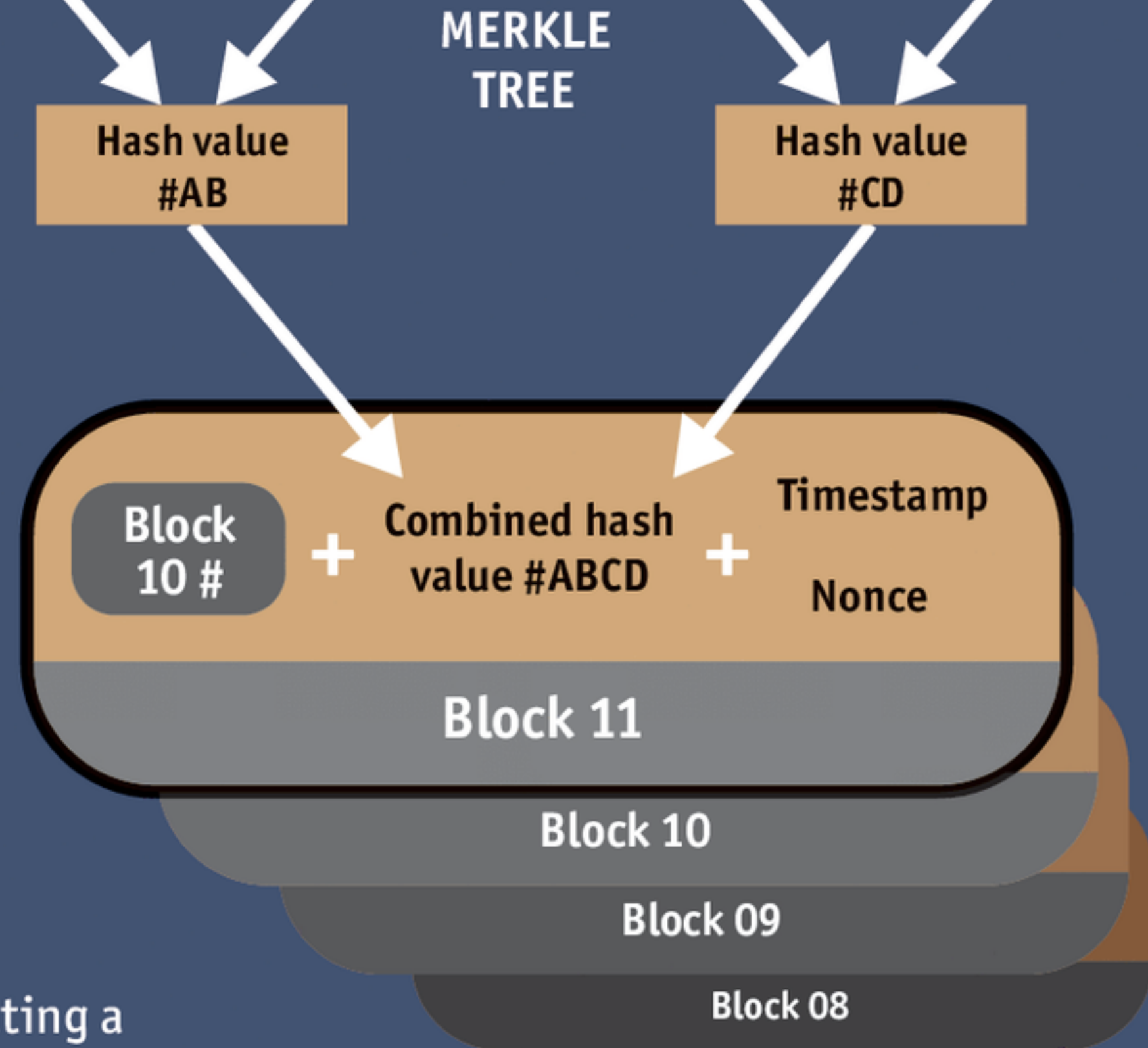
Each transaction in the set that makes up a block is fed through a program that creates an encrypted code known as the hash value.

Hash values are further combined in a system known as a Merkle Tree.

The result of all this hashing goes into the block's header, along with a hash of the previous block's header and a timestamp.

The header then becomes part of a cryptographic puzzle solved by manipulating a number called the nonce.

Once a solution is found the new block is added to the blockchain.



Mobile Money / Blockchain

Two sides of the same coin.

Mobile Money + Blockchain

A common payments platform.

For every person, every SME,
every financial institution, and every app.

Digital \$.

Digital ¥.

Digital €.

Digital £.

Digital ₹.

The best of both worlds:

Regulation and Flexibility



This is **not** a technology problem.

G20 Leadership

One: Identify goals.

Two: Create frameworks.

Three: Develop policies.



Hangzhou 2016
Moving forward?

ASSA



Thank you!

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