



**Saito**

Applications



# Fullscreen Applications

web or native

rich and full featured

mix on-chain / off-chain data



## Scotland Yard

A cat-and-mouse mystery game in which criminal mastermind Mister X must evade the London Police while hiding from Scotland Yard.

This Saito edition is modified to improve the balance of gameplay. If played with less than six players, the defenders will control multiple detectives to increase the effectiveness of surround-and-capture strategies.



NEW

More  
Applications

45.0 SAITO

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Custom  
Modules

Chat

Group d864c8f110... 1008  
Once upon a time weChat  
Module

I have seen the future and it is Saito....

FROM: peterb@saito

TO: dominicc@saito

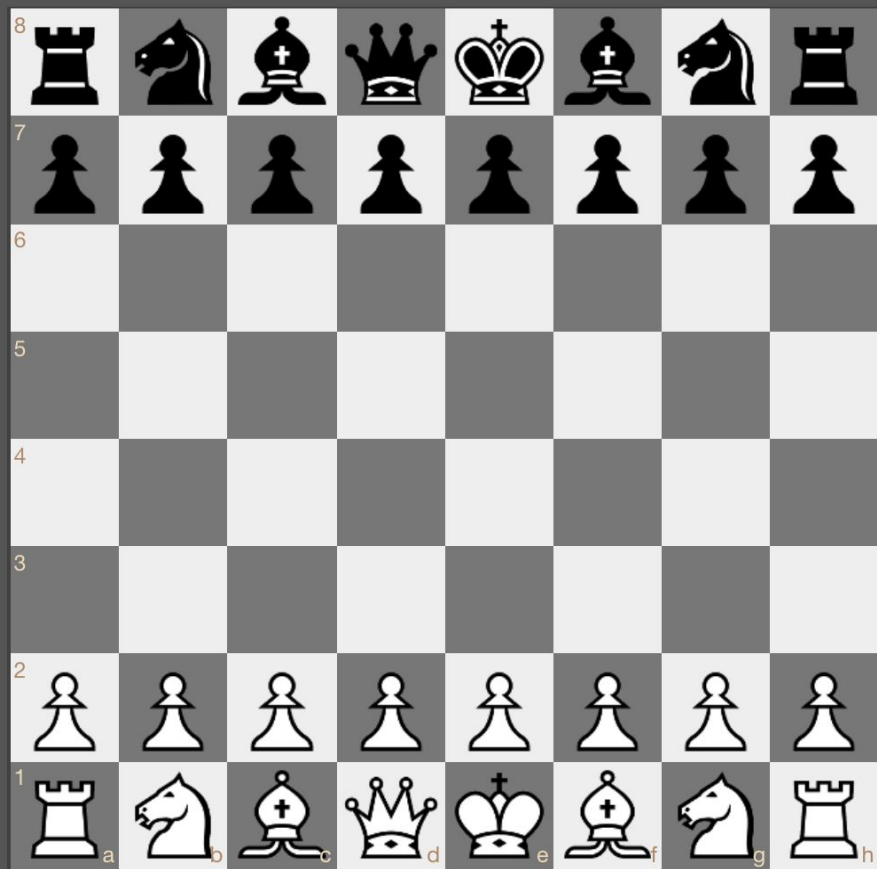
The mad lads have done it. They've solved the classic (Marshall, Diner, and the Commons, free-rider) at the heart of blockchain scaling. The solution makes proportionality of payment the first order problem and uses the distribution of funds to impose cost-of-attack on block production. Once you know how it works it is obvious.

The application model is another jewel. Instead of running smart contracts on the base layer, Saito applications send-and-receive data directly on-chain. We can still use smart contracts where we need them but I don't think we need them anymore. The modular approach is simply faster and better. But the key is to remove the need for anyone who's stuck programming JAVA widgets on Windows machines.

I can see now that we just need a single developer. Throw out that complicated architecture Bill setup -- I'll code a small module (100 lines of code?) that adds some buttons to Saito's existing apps like email and wechat. Once we have a workflow in place that's when we can build our standalone front-end. And the beautiful thing is that we won't even need to run a server since the apps run directly in the user wallets.

We should move quickly. Volunteer-powered networks may work at small-scale, but for big-data networks we need the scaling solution that Saito introduces. They've already patented the fundamental cryptographic techniques, so there will only ever be one public chain. We will need to talk about this in person. I am excited about blockchain again. Talk soon.

# Application Types



# Broadcast Apps

①

Applications embed data in transactions and broadcast them onto the network.

Peers listen for updates.

## Uses:

The blockchain allows the secure exchange of data in situations where participants need an open network, but want authenticated read/write data-sharing.



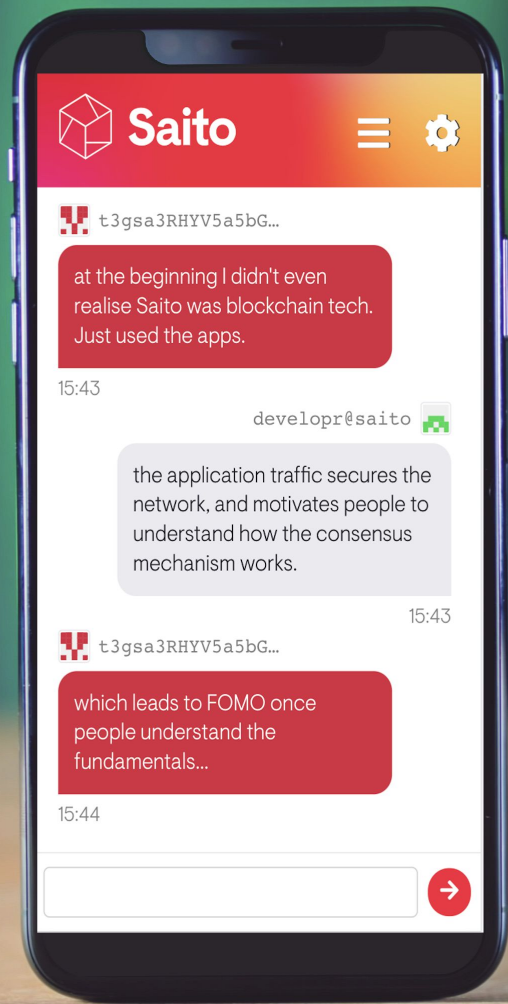
# Peer-to-Peer Apps ②

*P2P applications use Saito to automate on-chain Diffie-Hellman key-exchanges and manage their keylists and IP addresses.*

*Saito provides a fallback communications layer when off-chain and peer-to-peer relays fail to work, but most of the application data is transferred off-chain once peers have connected through the blockchain.*

## **Uses:**

*Peer-to-peer versions of wechat / whatsapp / instagram and other social applications. along with applications integrating off-chain cryptocurrency payments or enabling transfers between parties on money-protocols.*



# Stack-Based Apps ③

Peer send and receive instructions which are added to a stack in ordered fashion and executed in sync.

## Uses:

L2 blockchains, smart contract VMs and more complex applications that require consistent distributed state and ordered execution of code.



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Group d864c84410 15:08  
Once upon a time we

Example:

# Secure Multiparty Messaging



45.0 SAITO

I have seen the future and it is Saito....

FROM: peterb@saito

TO: dominico@saito

The mad lads have done it -- they've solved the collective action problems (tragedy-of-the-commons, free-rider) at the heart of blockchain scaling. The solution makes proportionality of payment the first order problem and uses the distribution of funds to impose cost-of-attack on block production. Once you know how it works it is obvious. 19:24

The application model is another jewel. Instead of running smart contracts on the base layer, Saito applications send-and-receive data directly on-chain. We can still use smart contracts where we need them but I don't think we need them anymore. The modular approach is simply faster and better: a bit like they've invented UNIX in a world where everyone is stuck programming JAVA widgets on Windows machines.

I can see now that we just need a single developer. Throw out that complicated architecture Bill setup -- I'll code a small module (100 lines of code?) that adds some buttons to Saito's existing apps like email and wechat. Once we have a workflow in place that's when we can build our standalone front-end. And the beautiful thing is that we won't have to run a server since the apps run directly in the user wallets.

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- Longform
- Short messages and chat
- API and broadcast
- IoT and device control



Example:

# Appointments and Scheduling



Saito



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← JULY 2020

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Sent

Trash

AppStore

Debug

Escrow

Calendar

Rewards

Profile

Settings

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11 Order 8550: Customs Clearance in BVI	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

# Complex Multi-Party Interactions

**TWILIGHT STRUGGLE**  
THE COLD WAR, 1945-1989

Game Design: Alexander Gault, Robert Matthews  
© 2000 GMT Games, LLC • P.O. Box 1300, Windsor, CA 94092-1300  
www.gmtgames.com

**ACTION ROUND TRACK**  
1 2 3 4 5 6

**TURN SECOND TRACK**  
Turn: [Icons of leaders]

**EARLY WAR** 4 Action Rounds  
**MID WAR** Add Mid War cards Start 7 Action Rounds

**SPACE RACE TRACK**  
X/Y: X = VP for first player in box, Y = VP for second player in box

**U.S.S.R.**

**U.S.A.**

**Europe**  
Presence ..... 3  
Domination ..... 7  
Control ..... Win

**Western Europe**  
Subregion of Europe

**Central America**  
Presence ..... 1  
Domination ..... 3  
Control ..... 5

**Asia**  
Presence ..... 3  
Domination ..... 7  
Control ..... 9

**Southeast Asia**  
1 VP each for Control of:  
Burma, Laos/Cambodia,  
Vietnam, Malaysia, Indonesia,  
the Philippines,  
3 other New Countries of Thailand

**USSR pick a card:**

> US discards **Socialist Governments**  
> Socialist Governments discarded  
> US removes 1 from Italy  
> US removes 1 from UK

**Log**

**Status**

**Early War**

**Mid War**

**Space Race**

**Game End**

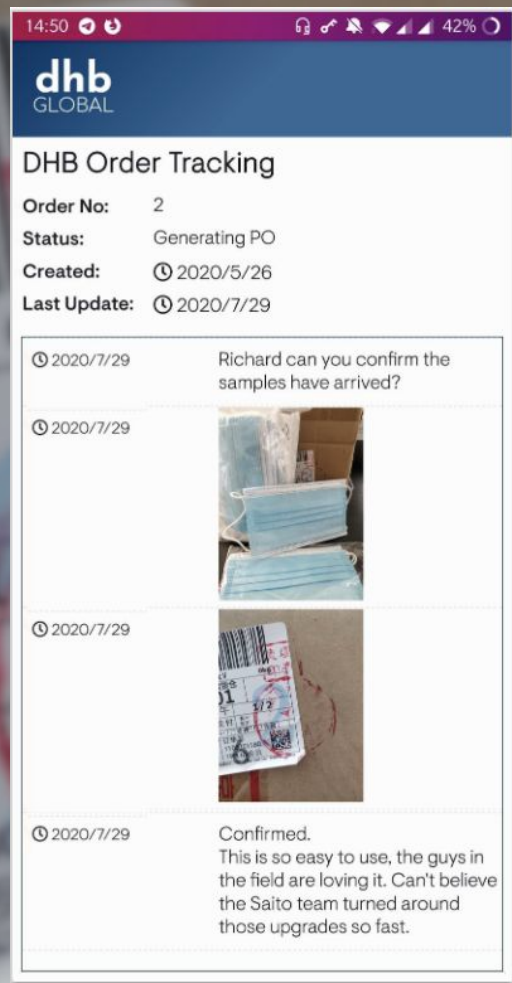
Example:

# Supply Chain

Saito is already being used in a supply-chain tracking application run by DHB Global, an early network partner.

Participants in the DHB initiative are identified (or self-register) by secure cryptographic keys. Participants then publish real-time updates on order processing and shipping updates via laptop or smartphone.

This system has helped DHB Global avoid fraud in its procurement processes, allowing distant customers to verify certifications, factory conditions and document shipping status from materials purchase to delivery.





# Rapid Development

Saito handles transaction processing, key management, on-chain and off-chain data transactions, QRCode scanning and more.

Modular architecture permits rapid iteration, real-time upgrades and separation of data-flows from UI/UX layer.

And Saito supports other cryptocurrencies - just install a cryptocurrency module and Saito apps can make transactions and access data on other blockchains!



supplychain@saito

23kKXMg8gh1tow3FcnzvDgn...



Backup Access Keys



Restore Access Keys



Public Profile



Settings



Add Contacts



QRCode



Scan



Backup Wallet



# Saito



info@saito.tech

<https://saito.io>