

Smart Stellar – Crypto Services

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Smart Stellar – Crypto Services

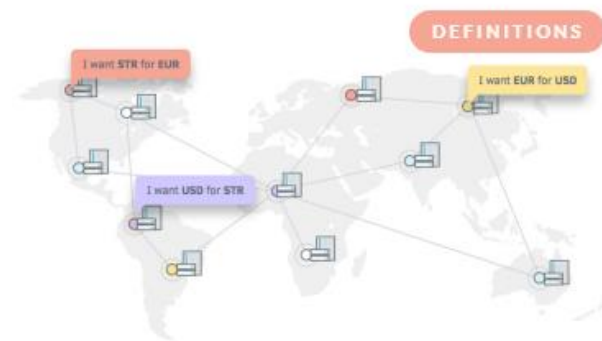
Within the new decentralized blockchain systems Stellar Lumens has some unique features like fast transactions, very low fees and the ability to create “on-chain” assets.

Smart Stellar is a platform and Web Wallet which enables additional services based on the Stellar Blockchain.

Smart Stellar – Crypto Services

Background Stellar Network

- Stellar is a platform that connects banks, payments systems, and people. Integrate to move money quickly, reliably, and at almost no cost.
- Decentralized Network: Stellar.org
- Additional Information: <https://www.lumenauts.com/explainers/stellar-assets-and-anchors>



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Advantages: **speed, low fees and scalability**



Multi-asset: Any currency or asset can be represented in the Stellar network.



Speed: Transactions are confirmed in 2-5 seconds.



Cost: Low fees.



Compliance: Allows FIs to perform KYC/AML checks when transacting.



Scalability: Can handle thousands of transactions per second.



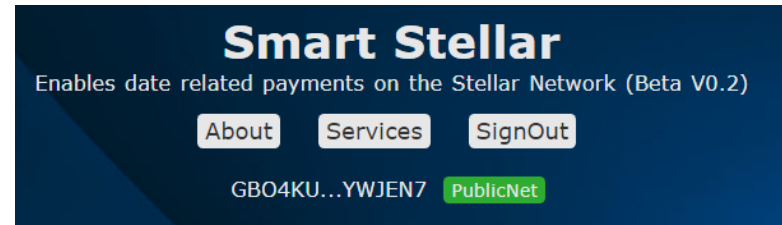
Safety: Validators can choose which other members on the network they trust.

Also see <https://www.youtube.com/watch?v=M3jX39Vb8qo>

Smart Stellar – Crypto Services

Background Smart Stellar


- Smart Stellar is a Crypto Wallet,
- has a focus on blockchain services, smart contracts and
- a strong security approach (secret keys are not transmitted to our server).
- There are no funds held at any time by the application or server.
- See smartstellar.org for a live demo





Smart Stellar – Crypto Services

Account **Send**

Set Destination and Amount

Destination key, starting with 'G' Contacts 

Set amount e.g. 123.45 Assets 

Set memo, max 28 characters 

Send Now Send On Date

Set Date and Schedule

Name of Schedule

Once Daily Weekly Monthly

Send on date

Date Related Payments

First date related payment implemented in the Stellar eco system.

To enable date related payments a smart contract is created which is presigned and time bound on a certain day.

See smartstellar.org for a live demo

Smart Stellar – Crypto Services

Set Date and Schedule

Name of Schedule

Once Daily Weekly Monthly

Mon Tue Wed Thu Fri Sat Sun

Start Date

Number of Payments (max 12)

Recurring Payments














As know from other applications like Outlook it is possible to set recurring payments.

See smartstellar.org for a live demo

Smart Stellar – Crypto Services

Account Send

Balance History **Schedule** Assets Contacts

Start	Payments	Detail
1 XLM per week 11.12.2018 GDV...C5I	1 XLM 1 of 12	 
11.12.2018 XDR: AAA...esH	✓	
18.12.2018 XDR: AAA...eUD		
25.12.2018 XDR: AAA...0gG		
01.01.2019 XDR: AAA...NoM		
08.01.2019 XDR: AAA...HQN		
15.01.2019 XDR: AAA...ucO		
22.01.2019 XDR: AAA...fwG		
29.01.2019 XDR: AAA...ZYP		
05.02.2019 XDR: AAA...2EE		
12.02.2019 XDR: AAA...SwH		
19.02.2019 XDR: AAA...xkM		
26.02.2019 XDR: AAA...RgJ		

Delete Open Payments

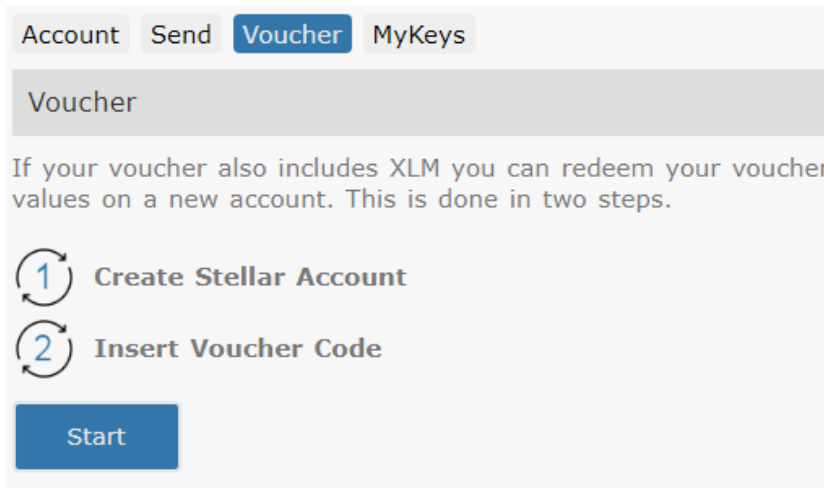
Schedule Management

Recurring Payments are organized in schedules. State and time of submission is displayed in one view.

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Asset Vouchers

Vouchers on XLM or any other asset can be created and distributed by email. In case the user has no valid Stellar account, the account is created together with the redemption of the voucher.



Account Send **Voucher** MyKeys

Voucher

If your voucher also includes XLM you can redeem your voucher values on a new account. This is done in two steps.

- 1 Create Stellar Account
- 2 Insert Voucher Code

Start



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Voucher Redemption in 2 Steps

SignIn **Voucher**

Smart Stellar Voucher

1 Stellar Account created

Your Public Key
GA000GZRYHCGH5WA5IUGMGFQLEW6UNFXA
C47FATTU2PAF2KNSINA57

Your Secret Key
SBFNZM4WPPH2RVWWVH7IZXO4CZ434ERLGYAS
QHBJSUVKDBLVUVG3AZ7I

Copy to Clipboard

SignIn **Voucher**

Smart Stellar Voucher

2 Insert Voucher Code

Insert your secret key from the last page

Insert secret key starting with S

Insert the Voucher Code to redeem it

e.g. ABCDEF

Back **Activate**

Smart Stellar – Crypto Services

Upload Paylists

Upload

Name of playlist

Upload this file Keine ausgewählt

CSV line format:
Dest-Adr, Name, Text-Note, Amount, Asset, Issuer, Date of payment;

Upload Paylists

Paylists			
Name	Upload	Queue	Sent
Dividend (16)	<input checked="" type="checkbox"/>	<input type="checkbox"/> 4	<input checked="" type="checkbox"/> 12
Employees (6)	<input checked="" type="checkbox"/>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 4

MultiSend – 1) Upload

Enables multiple payments to specific destinations and dates.

Easy upload by CSV-File.

MultiSend – 2) Paylist

Manage your payments in playlists and always know which payments are already done or open.

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Upload **Paylists**

Paylist Employees

Summary (values rounded)

6 total, 0 invalid, 2 signed, 4 sent, 0 send error

XLM Transactions 4 (16,200 XLM)

Asset Transactions 2 

Transactions (values rounded)

1.	1000 XLM	Voucher GBR...G3L	19.02.2019	✓
2.	5000 XLM	Voucher GBR...G3L	19.02.2019	✓
3.	200 XLM	Voucher GAP...CLK	19.02.2019	✓
4.	2000 TEST	Voucher GAP...CLK	19.02.2019	✓
5.	10000 XLM	Voucher GBR...G3L	20.02.2019	
6.	100 TEST	Voucher GAP...CLK	20.02.2019	

Cancel Open Transactions

MultiSend – 3) Detailed View

See the full payment plan. Also with a summary about the total amount of XLM and assets to be sent.

You also can cancel open payments, if you need to.