



LN-2-tBTC

26 Screens

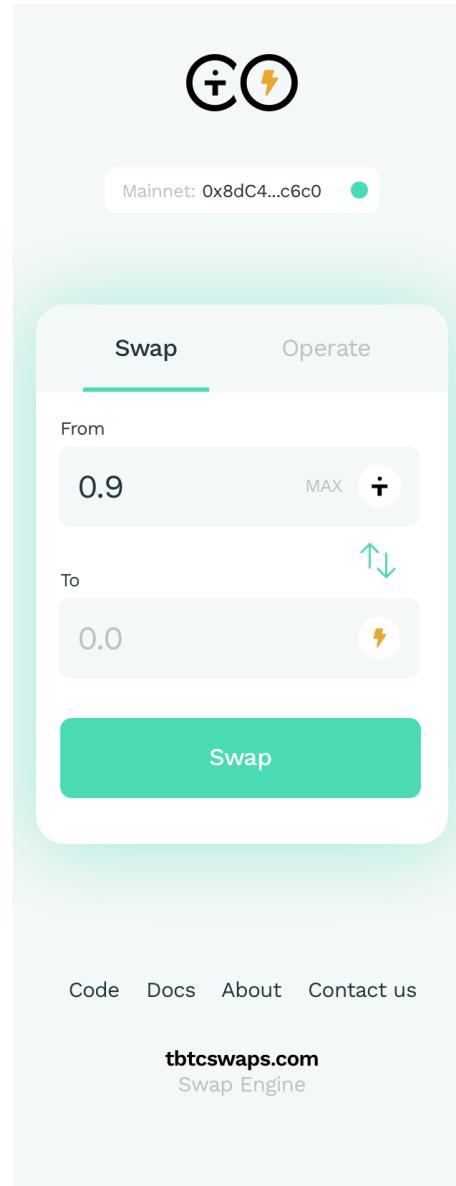


Rasim R. corollari c.

The screenshot shows the tbtcswaps.com Swap Engine interface. At the top left is a logo consisting of two circles, one with a lightning bolt icon and one with a 't' icon. At the top right are status indicators for 'Mainnet: 0x8dC4...c6c0' and a gear icon for settings.

The main interface is titled 'Swap' and 'Operate'. It features two input fields: 'From' and 'To'. In the 'From' field, the value is set to 0.9, with a 'MAX' button and a 't' icon. In the 'To' field, the value is 0.0, with a lightning bolt icon. A green 'Swap' button is centered below the fields. The background of the interface has a subtle green gradient and wavy patterns.

At the bottom left, the website URL 'tbtcswaps.com' and the text 'Swap Engine' are displayed. At the bottom right, there are links for 'Code', 'Docs', 'About', and 'Contact us'.



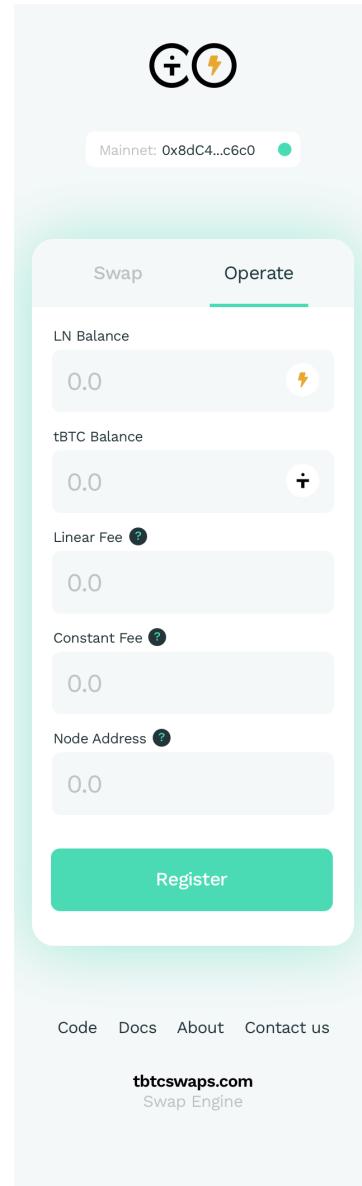
The screenshot shows the tbtcswaps.com Swap Engine interface. At the top right, there is a network selection dropdown showing "Mainnet: 0x8dC4...c6c0" with a green dot next to it, and a settings gear icon. Below the header, there are two tabs: "Swap" and "Operate", with "Operate" being the active tab, indicated by a green underline.

The main form contains five input fields:

- LN Balance: 0.0 (with a lightning bolt icon)
- tBTC Balance: 0.0 (with a tBTC symbol icon)
- Linear Fee: 0.0 (with a question mark icon)
- Constant Fee: 0.0 (with a question mark icon)
- Node Address: 0.0 (with a question mark icon)

At the bottom of the form is a large green "Register" button.

At the bottom left of the page, there is a footer with the text "tbtcswaps.com Swap Engine". At the bottom right, there are links for "Code", "Docs", "About", and "Contact us".



The screenshot shows a dark-themed website for LN-2-tBTC. At the top left is the LinkedIn icon and the text "LN-2-tBTC". At the top right are status indicators for "Mainnet: 0x8dC4...c6c0" and a gear icon. In the center, a white modal window titled "About" contains text about the service and a "Got It!" button. The background features a wavy teal graphic and navigation links at the bottom.

About

LN2tBTC is a decentralized service that enables trustless swaps between tBTC and BTC on the lightning network.

It is based on a protocol derived from submarine swaps and it's served by a network of liquidity providers that anyone can join.

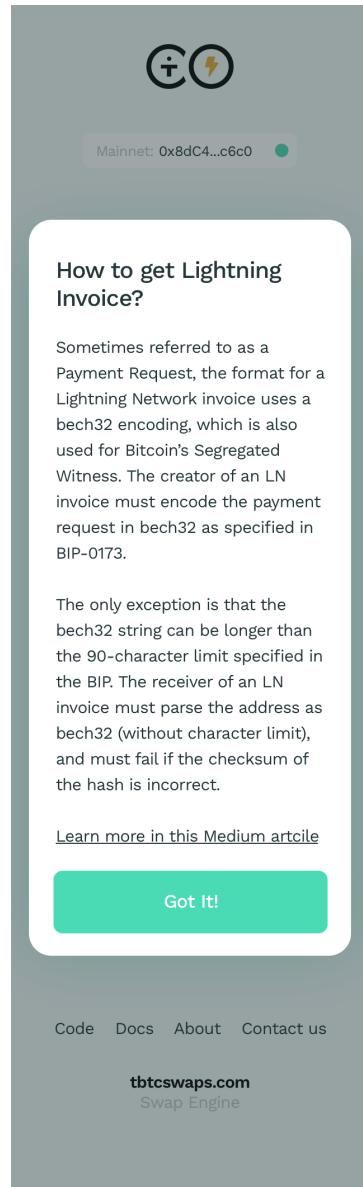
If you'd like to learn more about how everything works check out our docs.

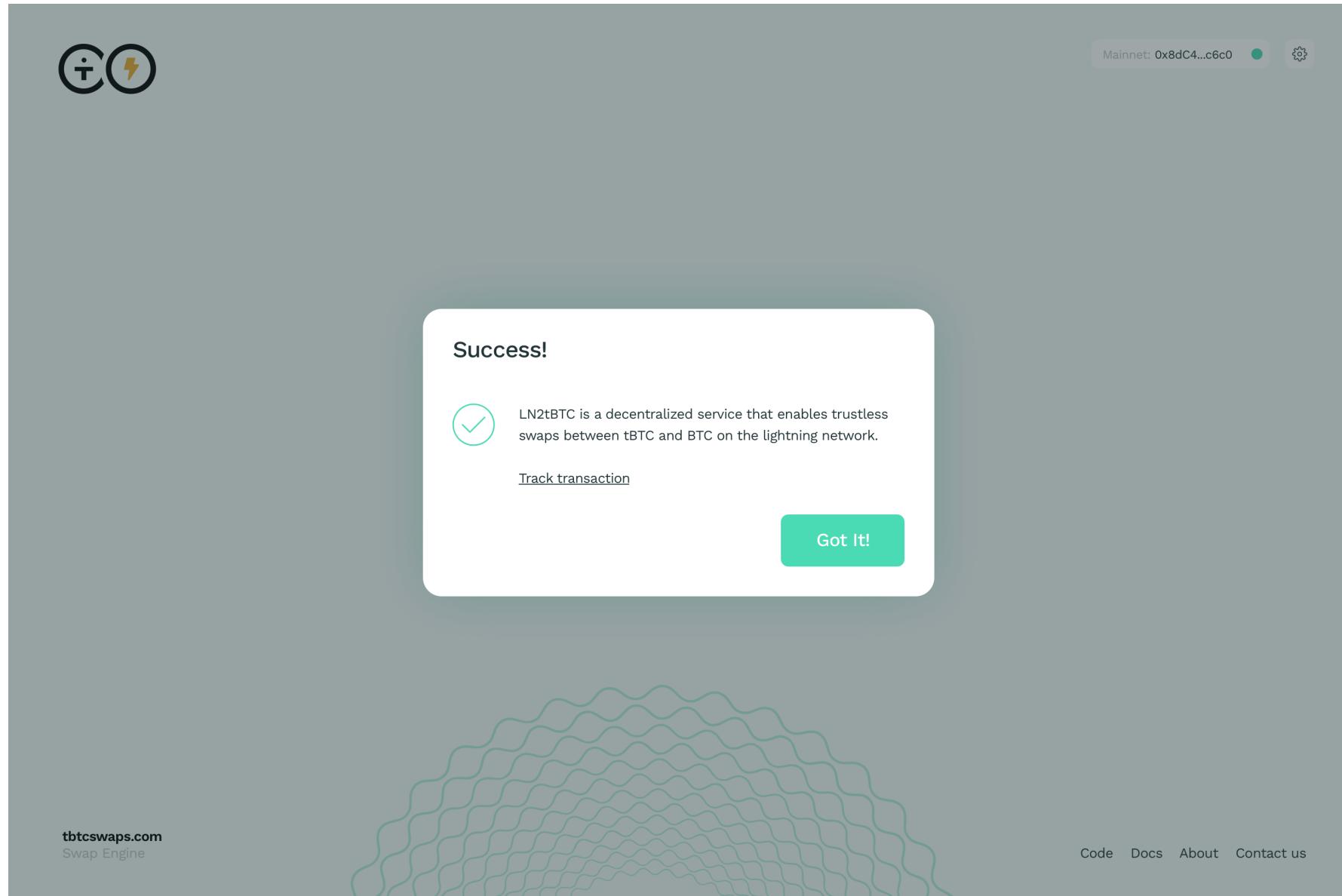
[Learn more in this Medium article](#)

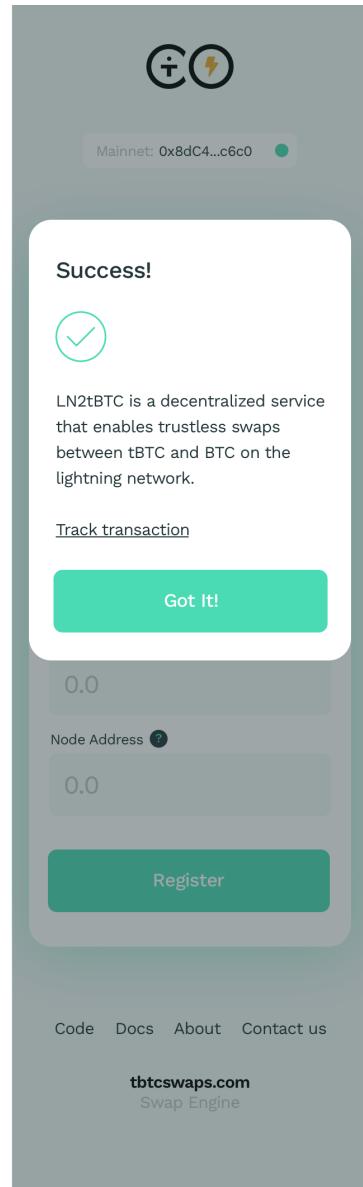
[Got It!](#)

tbtcswaps.com
Swap Engine

Code Docs About Contact us







The screenshot shows the tbtcswaps.com Swap Engine interface. At the top, there are two circular icons: one with a 't' and another with a lightning bolt. In the top right corner, it says "Mainnet: 0x8dC4...c6c0" with a green status indicator, and there are network selection and settings icons.

The main area has two tabs: "Swap" and "Operate". The "Operate" tab is active, indicated by a green underline. Below the tabs, there are three input fields:

- LN Balance:** Shows 0.0 with a lightning bolt icon to its right.
- tBTC Balance:** Shows 0.0 with a 't' icon to its right.
- Linear Fee (?):** Shows 0.0. A tooltip is displayed over this field:

Linear Fee is a format for a Lightning Network invoice uses a bech32 encoding, which is also used for Bitcoin's Segregated Witness.
[Learn more](#)

Below these fields is a "Node Address" input field with 0.0 shown. At the bottom is a large green "Register" button.

At the bottom left, it says "tbtcswaps.com Swap Engine". At the bottom right, there are links for "Code", "Docs", "About", and "Contact us".



Mainnet: 0x8dC4...c6c0



Swap Operate

Pay Lightning Network invoice

Invoice

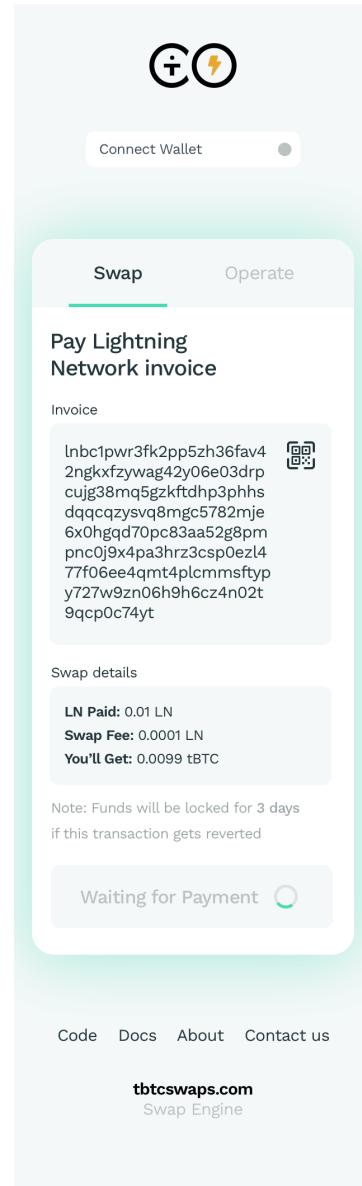
```
lnbc1pwr3fk2pp5zh36fav42ngkxxzywag42y06e03drpcujg  
38mq5gzkftdhp3phhsdqccqzysvq8mgc5782mje6x0hgq  
d70pc83aa52g8pmmpnc0j9x4pa3hrz3csp0ezl477f06ee4q  
mt4plcmmsftypy727w9zn06h9h6cz4n02t9qcp0c74yt
```

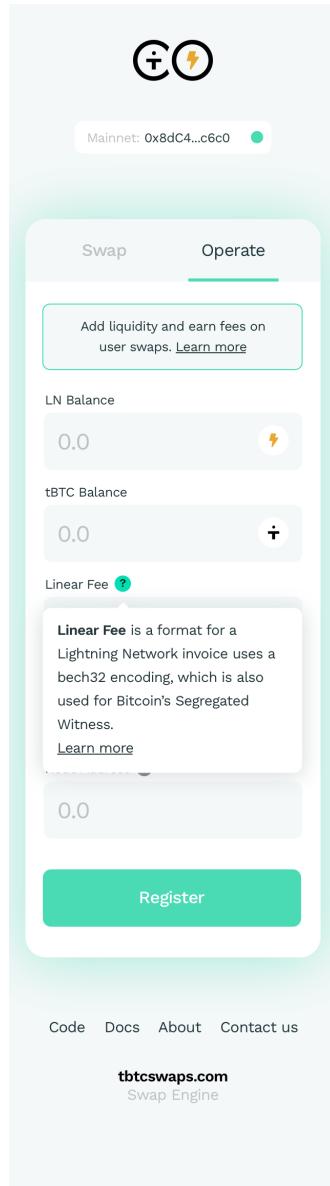
Swap details

LN Paid: 0.01 LN
Swap Fee: 0.0001 LN
You'll Get: 0.0099 tBTC

Note: Funds will be locked for 3 days if this transaction gets reverted

Waiting for Payment





How to get Lightning Invoice?

Sometimes referred to as a Payment Request, the format for a Lightning Network invoice uses a bech32 encoding, which is also used for Bitcoin's Segregated Witness. The creator of an LN invoice must encode the payment request in bech32 as specified in BIP-0173.

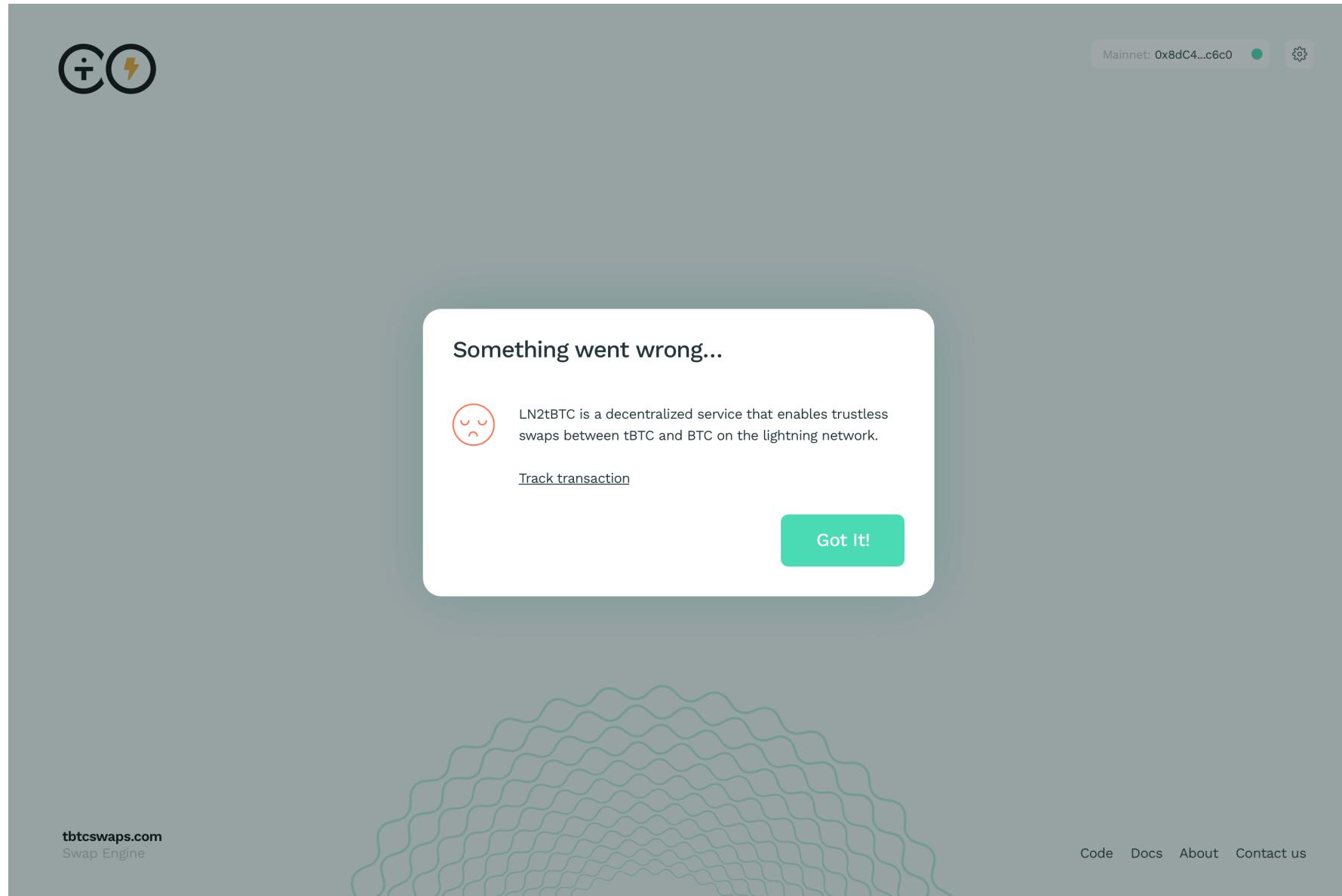
The only exception is that the bech32 string can be longer than the 90-character limit specified in the BIP. The receiver of an LN invoice must parse the address as bech32 (without character limit), and must fail if the checksum of the hash is incorrect.

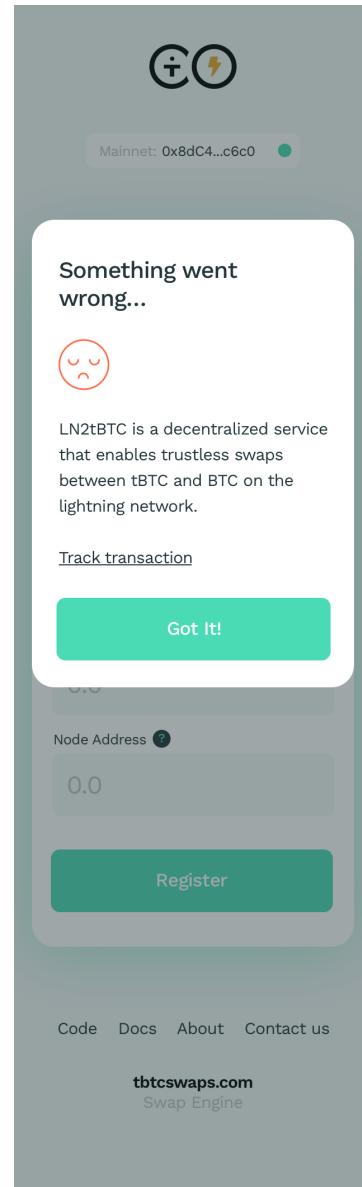
[Learn more in this Medium article](#)

Got It!

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The screenshot shows the tbtcswaps.com Swap Engine interface. At the top, there are two circular icons: one with a 't' and another with a lightning bolt. To the right, it says 'Mainnet: 0x8dC4...c6c0' with a green status indicator and a gear icon.

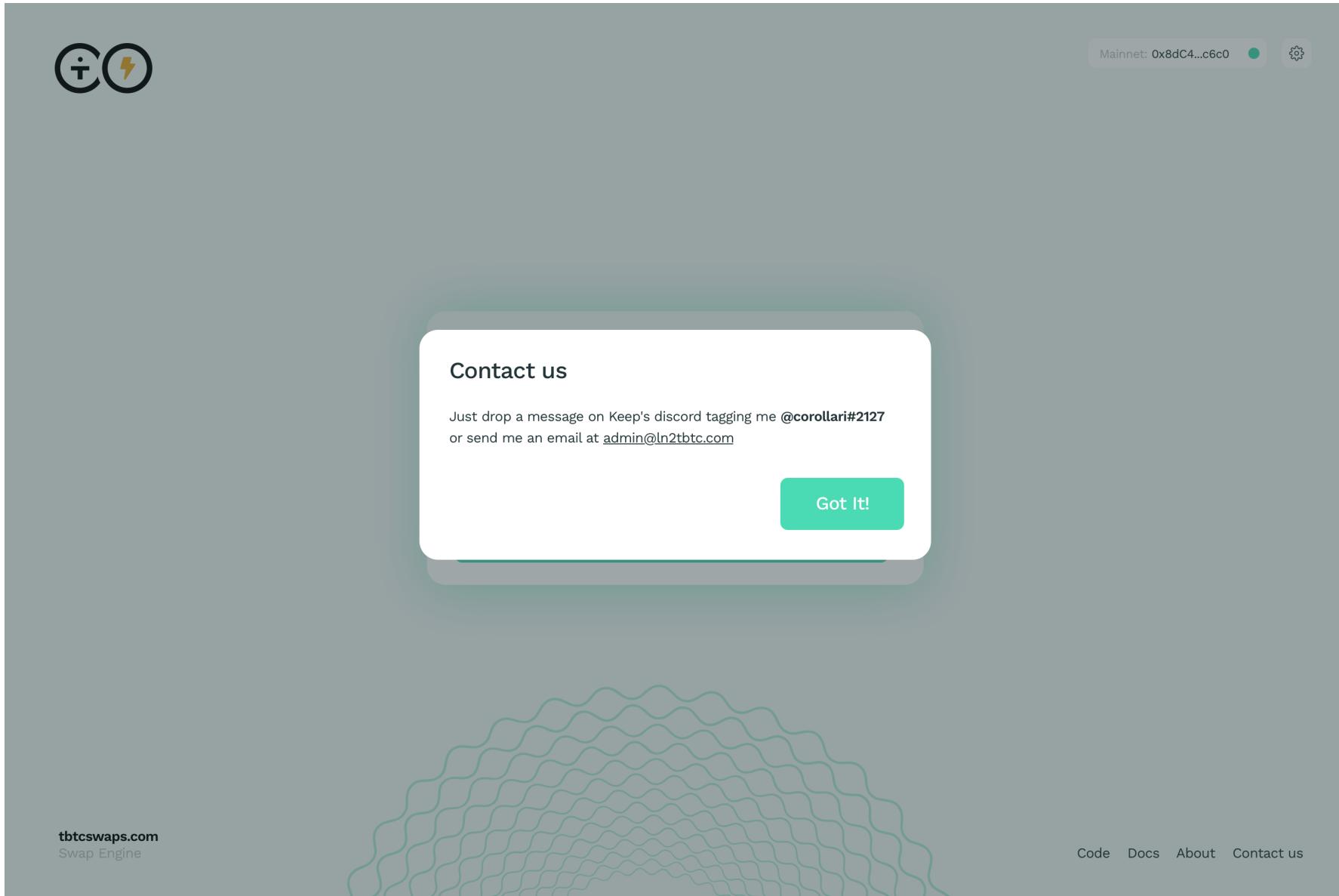
The main area has two tabs: 'Swap' (disabled) and 'Operate' (selected). Below the tabs is a button to 'Add liquidity and earn fees on user swaps' with a 'Learn more' link.

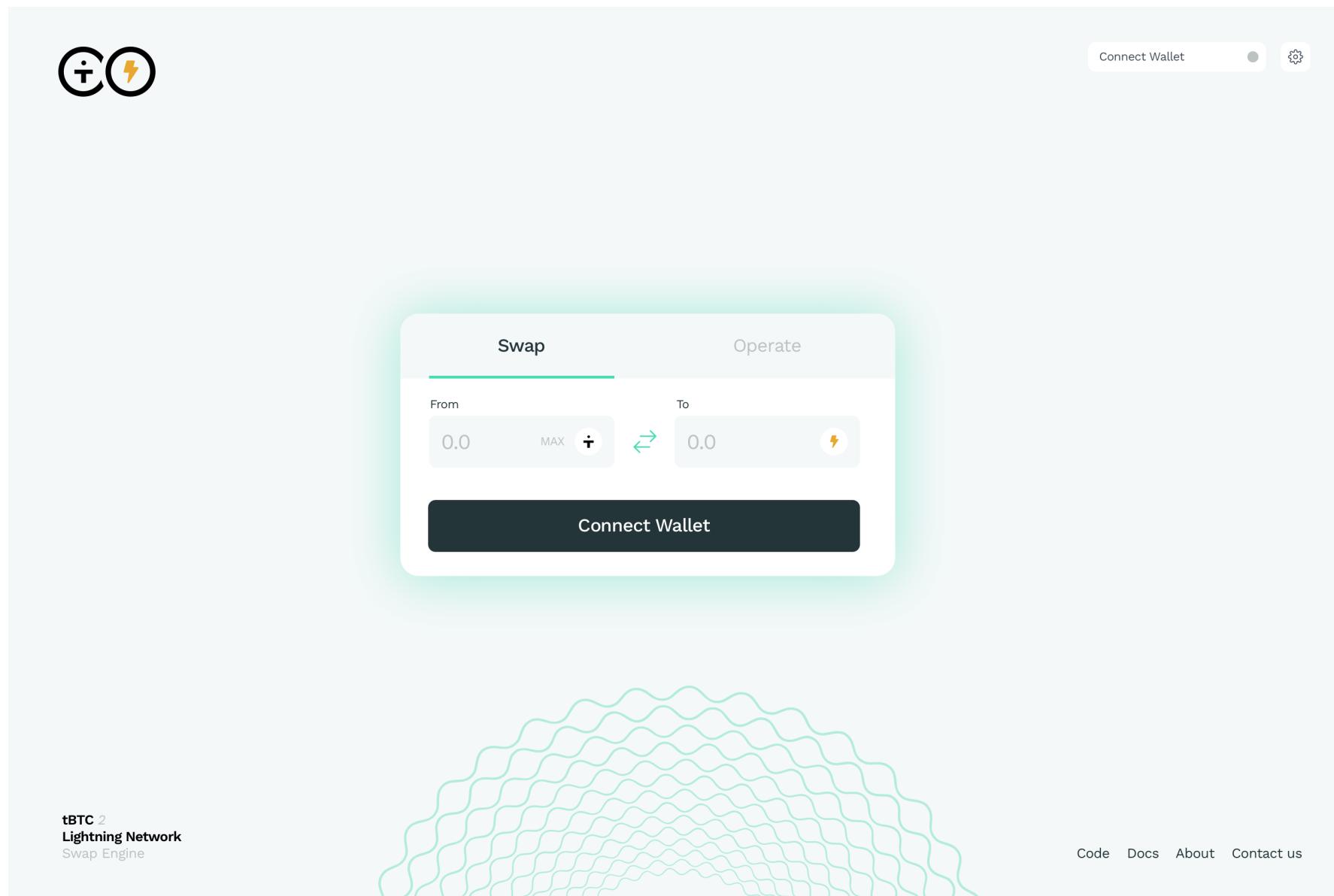
The 'Operate' section contains five input fields:

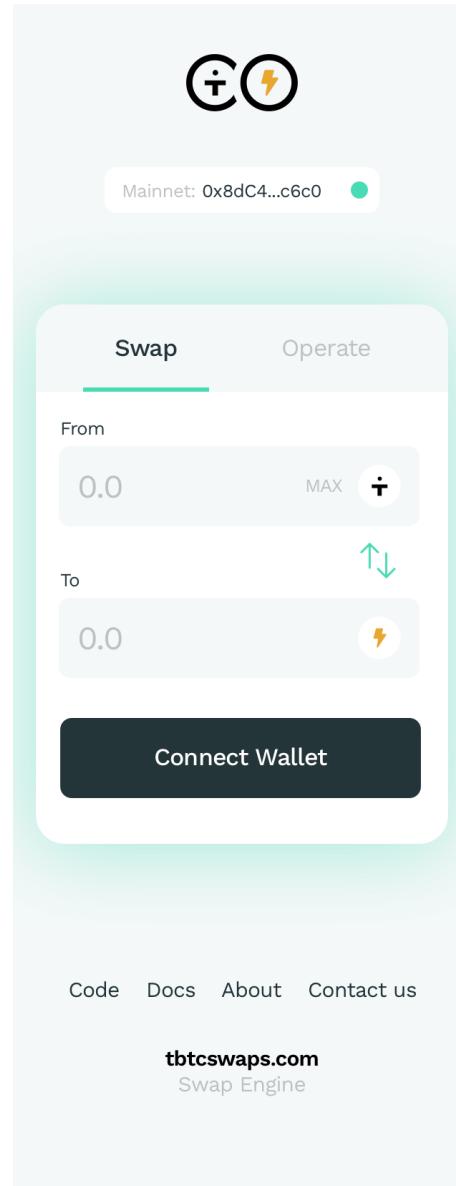
- LN Balance: 0.0 (with a lightning bolt icon)
- tBTC Balance: 0.0 (with a t icon)
- Linear Fee: 0.0 (with a question mark icon)
- Constant Fee: 0.0 (with a question mark icon)
- Node Address: 0.0

A large green 'Register' button is at the bottom of the form.

At the bottom left is the logo 'tbtcswaps.com Swap Engine'. At the bottom right are links for 'Code', 'Docs', 'About', and 'Contact us'.



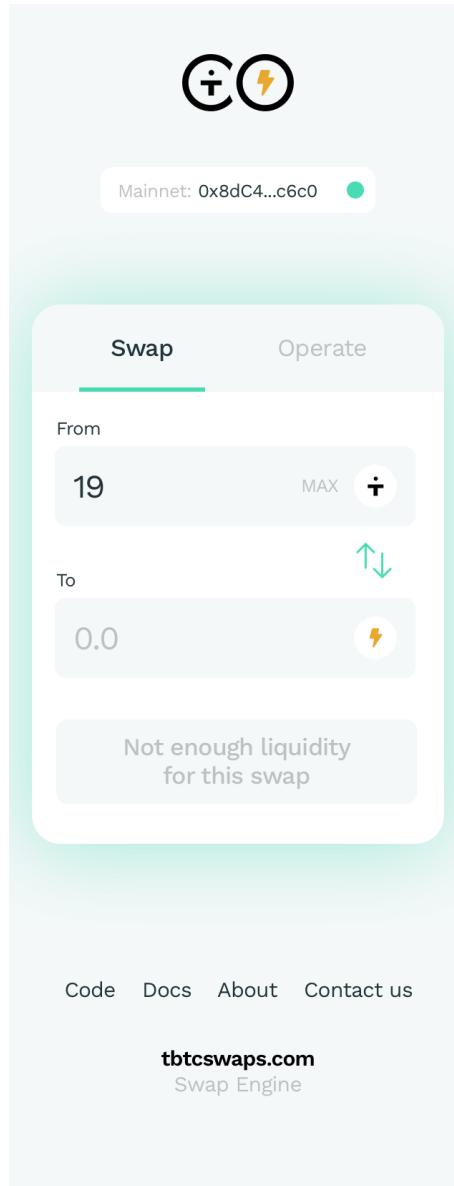




The screenshot shows the tbtcswaps.com Swap Engine interface. At the top left is the logo consisting of two circles containing a stylized 't' and a lightning bolt. At the top right are buttons for 'Mainnet: 0x8dC4...c6c0' and a gear icon for settings.

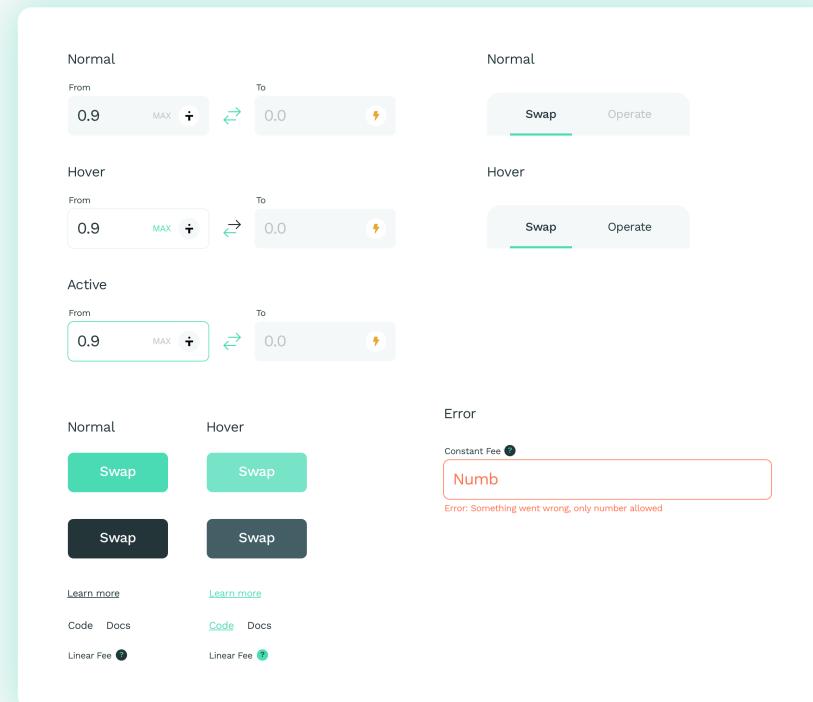
The main area is titled 'Swap' and features a large input field for 'From' with the value '19' and a 't' icon, and a smaller output field for 'To' with the value '0.0' and a lightning bolt icon. A green double-headed arrow icon is positioned between the two fields. Below this is a message box containing the text 'Not enough liquidity for this swap'.

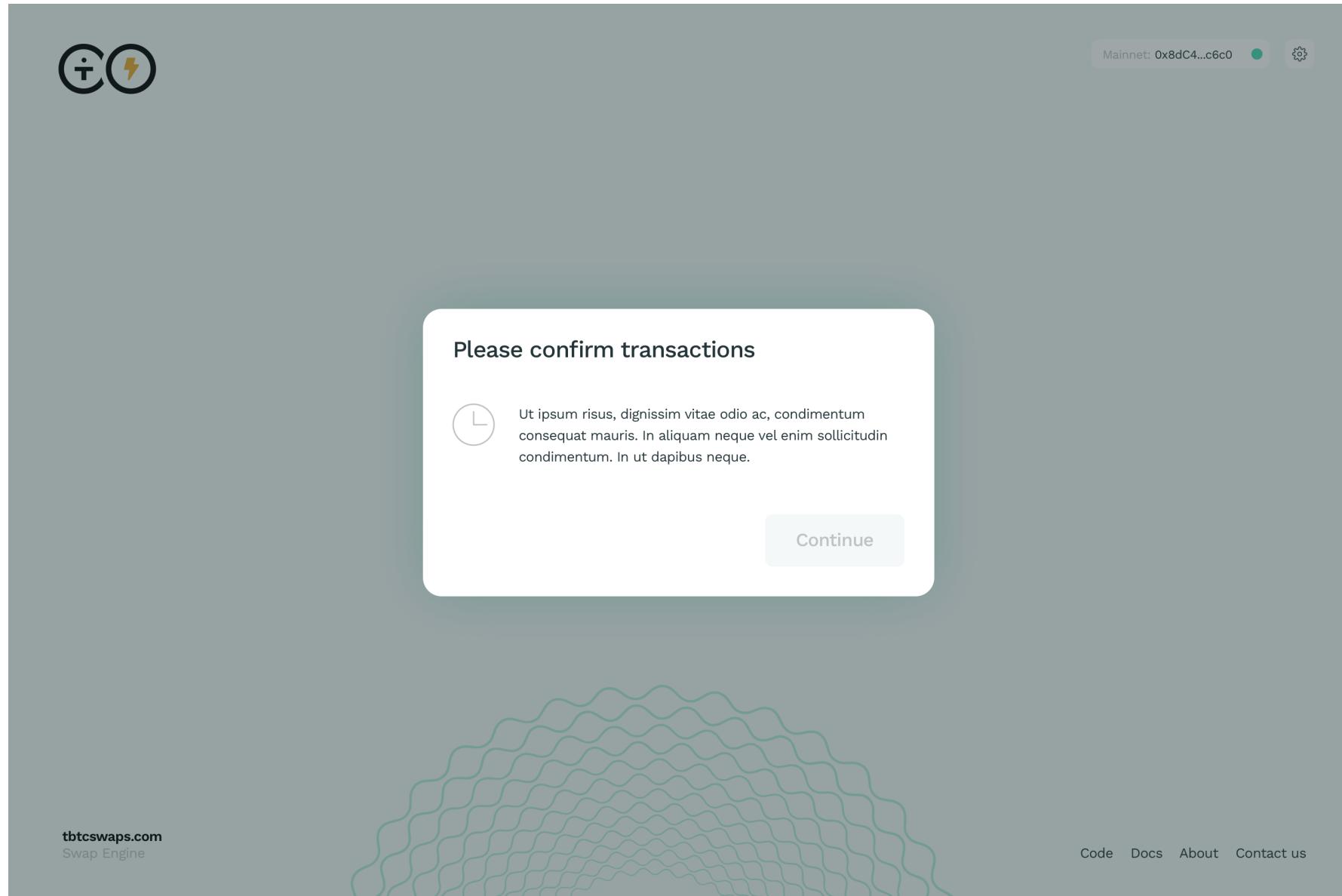
At the bottom left is the footer text 'tbtcswaps.com Swap Engine'. At the bottom right are links for 'Code', 'Docs', 'About', and 'Contact us'. The background features a subtle wavy pattern.



Work Sans

<https://fonts.google.com/specimen/Work+Sans?query=work+sans>







The screenshot shows the tbtcswaps.com Swap interface. At the top left is a black circle with a white lightning bolt icon. At the top right are status indicators: "Mainnet: 0x8dC4...c6c0" with a green dot, and a gear icon. The main area has tabs for "Swap" (which is active) and "Operate". Below the tabs is the title "Pay Lightning Network invoice".
Invoice:
lnbc1pwr3fk2pp5zh36fav42ngkxxzywag42y06e03drpcujg
38mq5gzkftdhp3phhsdqccqzysvq8mgc5782mje6x0hgq
d70pc83aa52g8pmmpnc0j9x4pa3hrz3csp0ezl47
mt4plcmmsftypy727w9zn06h9h6cz4n02t9qc
A QR code is displayed next to the invoice.
Swap details:
LN Paid: 0.01 LN
Swap Fee: 0.0001 LN
You'll Get: 0.0099 tBTC
Note: Funds will be locked for 3 days if this transaction is confirmed.
Status: Waiting for Payment

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