



## Onboarding 5 Billion Mobile Subscribers To Web3



# Meet Our Team:



## Chris Boscolo CEO & Founder

Serial security startup entrepreneur and Web3 pioneer who built market-leading firewall VPN products at WatchGuard (IPO) and Napera Networks (Acquired)



## Brad R-F. Head of Engineering

Engineering veteran who's led development teams at Unity and has contributed to several security/privacy algorithms and protocols at companies including WatchGuard and Napera Networks.



## Brian G. Senior Engineer

Engineer with decades of experience across Web2/3, notably at Unity where he led their Dashboard Engineering team and has been a core contributor at the Developer DAO



## Tyler B. Product & Growth

Marketing focused product builder who cut his teeth in decentralized identity. He's also a prominent DePIN thought leader and host of the Unleashing DePIN Podcast

**The phone  
network is  
broken for over  
5 billion  
subscribers...**

***The telco mafia has no incentive to change***



**SIM Swaps**



**Caller ID Spoofing**



**Unencrypted  
Communications**



**Smishing attacks**



**"Take it or leave it"  
phone plans**



**SMS spam**



**No Native  
Payments**



**Geographically  
locked services**



**Doxxing from  
phone numbers**

# THE PROBLEM Is Growing

And phone numbers remain a requirement for every business today



**9.4 Billion  
MOBILE SUBSCRIBERS  
EXPECTED BY 2026**



**\$1.8 Trillion  
GLOBAL MARKET  
SIZE IN 2022**

U.S Securities and Exchange Commission @SECGov

The SEC determined that the unauthorized party obtained control of the SEC cell phone number associated with the account in an apparent "SIM swap" attack.

...

6:56 AM · Jan 09, 2022 · 541.3K Views

vitalik.eth @VitalikButerin

Finally got back my T-mobile account (yes, it was a sim swap, meaning that someone socially-engineered T-mobile itself to take over my phone number).

Main learning re twitter was:

> A phone number is sufficient to password reset a Twitter account even if not used as 2FA. Can completely remove phone from Twitter.

I had seen the "phone numbers are insecure, don't authenticate with them" advice before, but did not realize this

9:15 PM · Sep 19, 2023 · 585 likes

brantly.eth @BrantlyMillegan

I was recently the target of a sim swap attack, which I thankfully survived. Sim swap attacks are not new and unfortunately are too common in crypto.

10:08 AM · Jun 12, 2023 · 1M Views

foobar @0xfoobar

I was recently the target of a SIM swap attack, which I thankfully survived. Here's what happened and how you can protect yourself:

...

12:38 AM · Jun 13, 2023 · 78.8k Views

Elon Musk @elonmusk

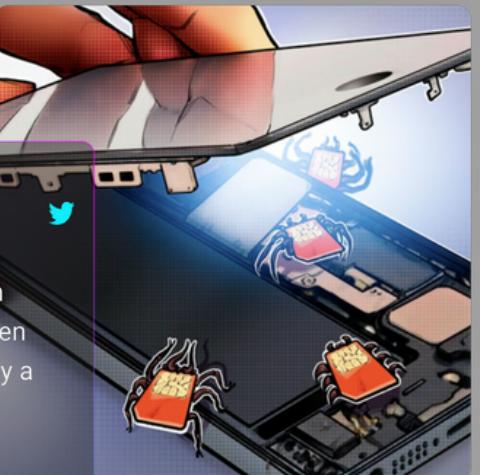
Twitter is getting scammed by phone companies for \$60M/year of fake 2FA SMS messages

11:27 AM · Feb 08, 2023 · 12.2M Views

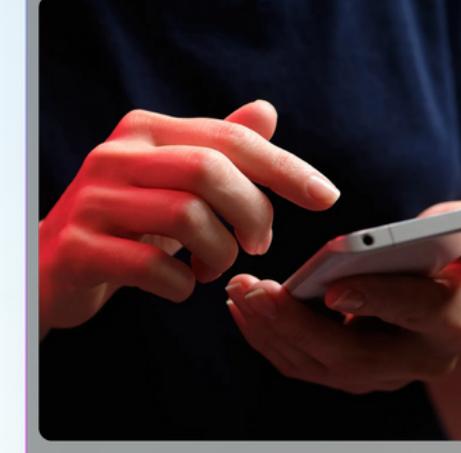
Cointelegraph @Cointelegraph

Friend.tech users blame SIM swaps after more than 100 ETH drained in a week

[https://cointelegraph.com/news/...](https://cointelegraph.com/news/)



8:41AM · Oct 04, 2023



6:33AM · Apr 13, 2023

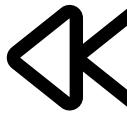
# The 3NUM Solution

## 3NUM Protocol



### Web3 Native E2EE Telephony

Encrypted voice and messaging - your mobile number is your Web3 wallet!



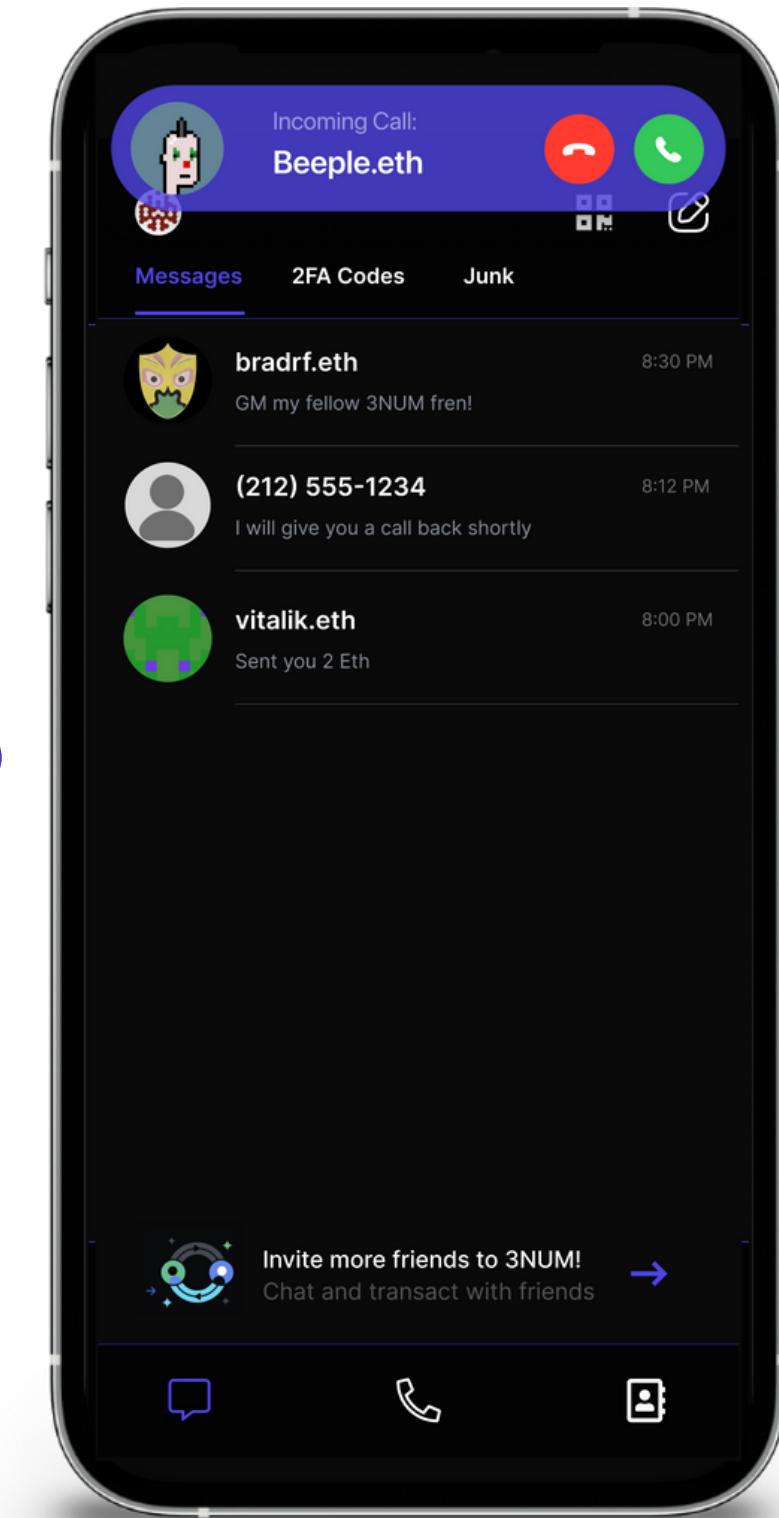
### Backwards Compatible

Full backward compatibility to existing SMS/Voice used by 5.5 Billion users



### Tokenized Infrastructure

What FileCoin is for decentralized storage, 3NUM is for upgraded, secured "telco" infra



## Mobile Service

Voice and messaging with the Speak.3Z app

## Data Only Connectivity

Stay connected anywhere you have WiFi or Data Plan

## Built For The Future

Web3 native, delivering the future of communications today!

**The Future Of Communications**

# Plan Details

**Free**

For Web3:

Web3 Messaging

Web3 Voice & Video

All End-End Encrypted

**\$7/mo.**

Upgrade To:

**\$15/mo**

With Data\*

Web3 Mobile Number

Unlimited SMS/Voice

SMS Spam Prevention

ENS Caller ID

Text crypto to your  
phone contacts

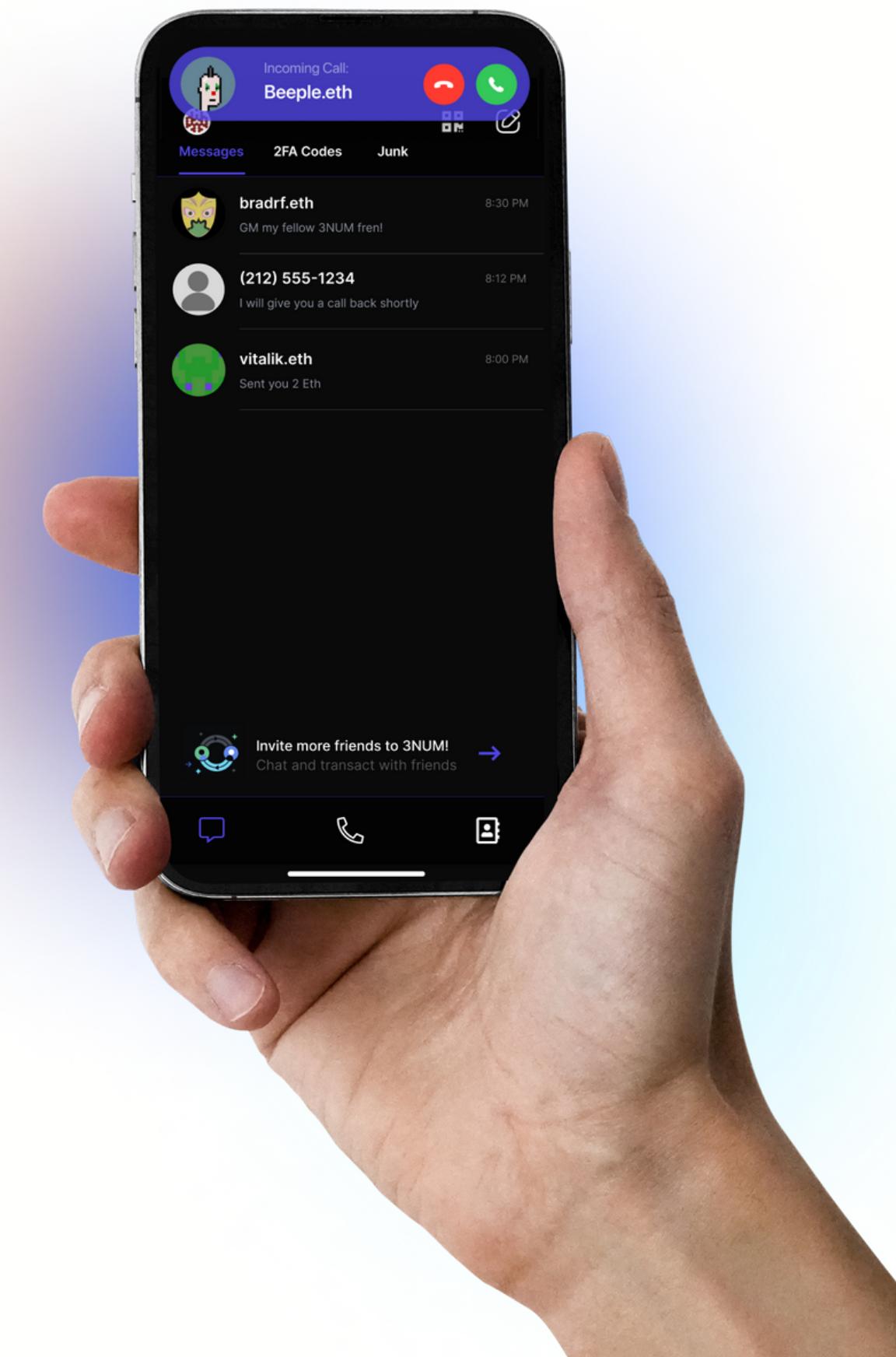
Plus more!

Data Only E-sim

Global Connectivity

Pay As You Go

Purchase in crypto



# Benefits Unlocked

WITH 3NUM

...

Solving Problems Affecting Billions Today With  
The Next Generation Of Mobile Infrastructure



No SIM Swaps



Spam Prevention



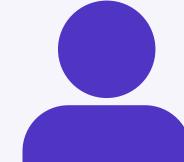
Crypto Payments



AI Assistant



Smishing Prevention



Verifiable Identities



End-End Encrypted



Web3 Messaging



Tokenized Rewards

# Early Positive Signals

• • •

**What we're doing is resonating, and we have a successful formula for generating incredible interest!**

3NUM.eth @3numdao · Oct 18  
The future is calling... and it's using your @ENSdomains name !!  
Join us to discuss how users will soon be able to replace their phone plan with a Web3 Powered App using ENS names!... Show more

123 51 17

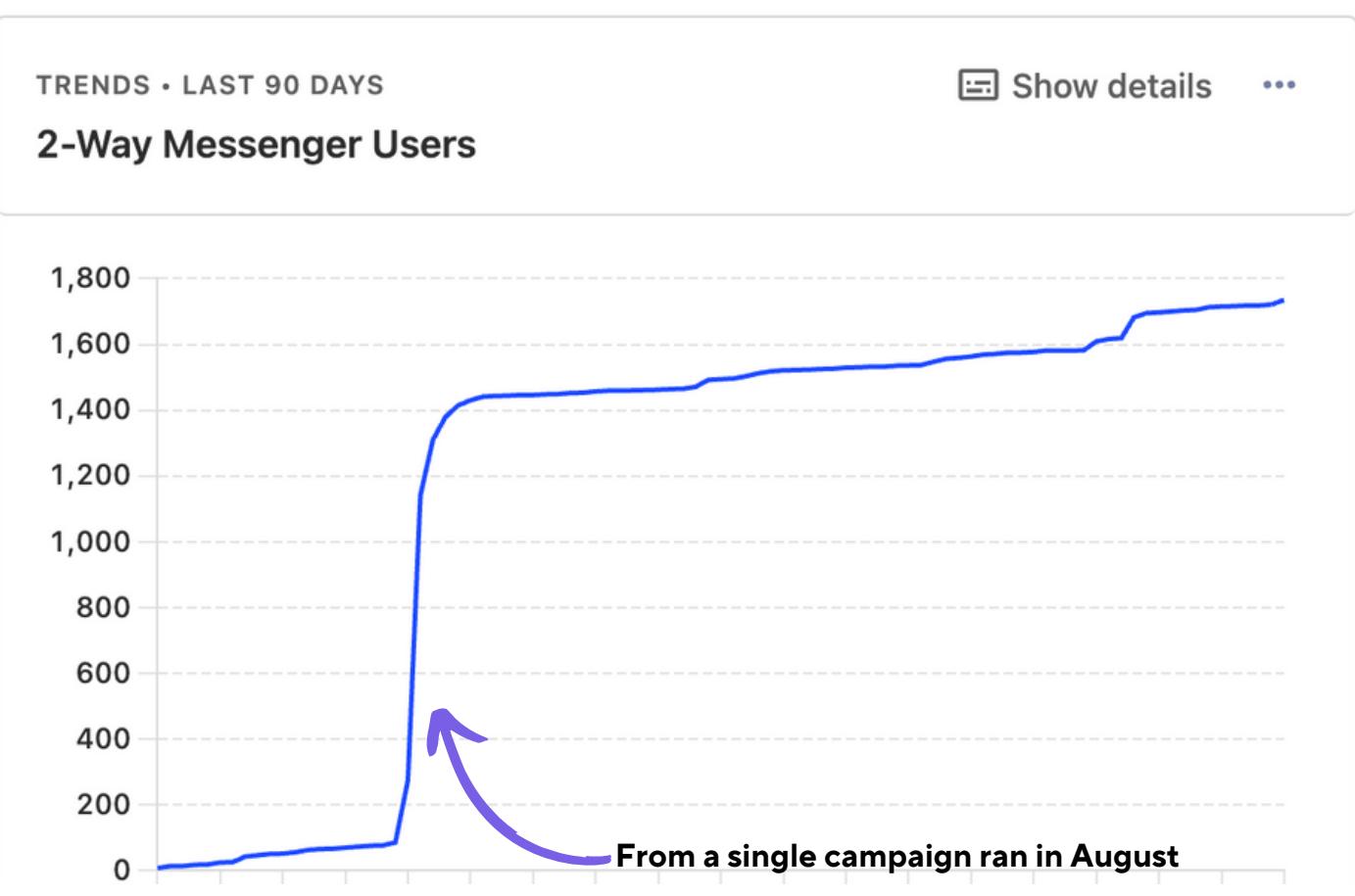
Impressions 12,693 Engagements 595 Detail expands 237

dr3a.eth @dr3a\_eth · Sep 20, 2023  
. @3numdao is the first web3 mobile number that will be using free messaging usernames as ENS subnames  
They recently announced some innovative features:  
• Use Your @ensdomains as your caller ID  
• @android beta mobile app  
• @wallet\_guard collab for real time phishing detection  
• Encrypted calls between 3NUM shields  
• NFT Ringtones and NFT Hold Music  
AND they are helping secure phone number against SIM SWAPS with MobileKey which verifies a number, get a special key (PassKey) for all subsequent logins and creates a digital wallet that only you can open using your PassKey  
With MobileKey you phone number stays private  
Very cool project! 7,986 Views

3NUM.eth @3numdao · Jan 10  
The @3numdao team couldn't be more excited to launch our brand new mobile beta app! We've been BUSY building! 🚀  
What can users expect?  
✓ Unparalleled Web3 communications app !!  
✓ Set your favorite @ensdomains or @avvydomains as your outbound Caller ID to ANY phone number... Show more

When New Mobile App?  
Release Coming Soon!

18K 41 22 72



~2K

BETA USERS

10%<

CONVERSION TO PAID CUSTOMERS

50K+

20K+ SOCIAL  
30K+ EMAIL SIGN UPS

# Why Now?

**3NUM Is At A Inflection Point**



**Convert Early Signals Into Market Share**



**Carriers Are Disincentivized To Change**



**DePIN Assisted Growth Is Skyrocketing**



**P2P Number Approval**

# Roadmap

