RGB COMMUNITY CALL REPORT

Presenting Bitmask Wallet and UDAs

A full transcript, chapter-by-chapter analysis and annotated screenshots from the RGB Association community call featuring the Bitmask and DIBA team.

Thursday, Nov 26, 2026 | Runtime 1h 12m | Hosted by RGB Association | Guests: Bitmask / DIBA | Streamed on X and Telegram | 中文

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Watch the full video here — Opens the replay on X (1h 12m)

Executive summary

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72 min
full replay, speech from 2:18

10,000
GOAT UDAs, each a 1 of 1

1,000 sats
bound to every UDA

7,000 sats
marketplace listing floor

0 fees
to list, none taken on P2P swaps

Next
USDT on Bitcoin with the UTEXO team

This was an RGB Association community call in which the Bitmask team returned to public view after roughly a year of quiet building. Gideon (founder and CEO) and Anastasia (head of marketing and partnerships) walked the host, Mari J, and the live audience through who Bitmask is, why the team went into stealth, what changed technically, and what the product does today.

The central message: RGB is finally production ready, Bitmask has rebuilt its stack layer by layer around the 0.11 line of RGB, and the first showcase is **GOAT**, a free, open mint of 10,000 unique digital assets (UDAs) that are traded through a fee-free, escrow-free, peer to peer atomic swap on Bitcoin. A live two-screen demo on Signet showed a listing, a purchase and an instant settlement between two wallets. Minting is currently paused because server traffic overloaded the infrastructure, and the team said it expects to reopen it within the week.

The second half moved from product to thesis: why UDAs, why art, whether tokenizing real-world assets still needs a regulator, how backup works through the open-source Carbonado storage layer, whether Lightning is coming, and how the name "Bitmask" was chosen.

Key takeaways

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- **Public return after a quiet year.** The team said it went into stealth to rebuild rather than over-promise, because earlier launches ran ahead of what RGB could support.
- **RGB 0.11 is the turning point.** Gideon called the split between RGB 0.11 and 0.12 one of the most important events for making RGB commercially usable, and said Bitmask is part of the 0.11 community.
- **GOAT is the flagship UDA collection.** 10,000 free unique digital assets in ten themed subcategories of 1,000, telling the story of Bitcoin and RGB. The first 1,000 cover the early days of Bitcoin (the "burning bush" theme).
- **Trading is fee-free and trustless.** Sellers list for free, buyers pay the Bitcoin network fee, Bitmask takes no fee on P2P atomic swaps, and there is no escrow. The swap is all or nothing.
- **Every UDA carries 1,000 sats.** Binding sats to each asset gives it inherent Bitcoin value and means active users keep stacking Bitcoin as they use RGB.
- **Local-first and non-custodial.** Validation and computation run on the user's device against the Bitcoin chain and the RGB library. There is no withdrawal step and no centralized custody.
- **The RGB Vault separates RGB UTXOs from general BTC** so users do not accidentally spend assets, and gives a dashboard for UTXOs, invoices, transfers, offers and bids.
- **Next on the roadmap:** USDT on Bitcoin in Bitmask (with the UTEXO team), trading UDAs against USDT, on-chain auctions next year, a reclaim path for legacy goddes GOAT holders, and Lightning, which Gideon said is already built internally but not released.
- **Agents are the long-term audience.** Both the UDA thesis and the emphasis on on-chain provenance were framed around AI agents that will prefer verifiable on-chain assets.

Timeline

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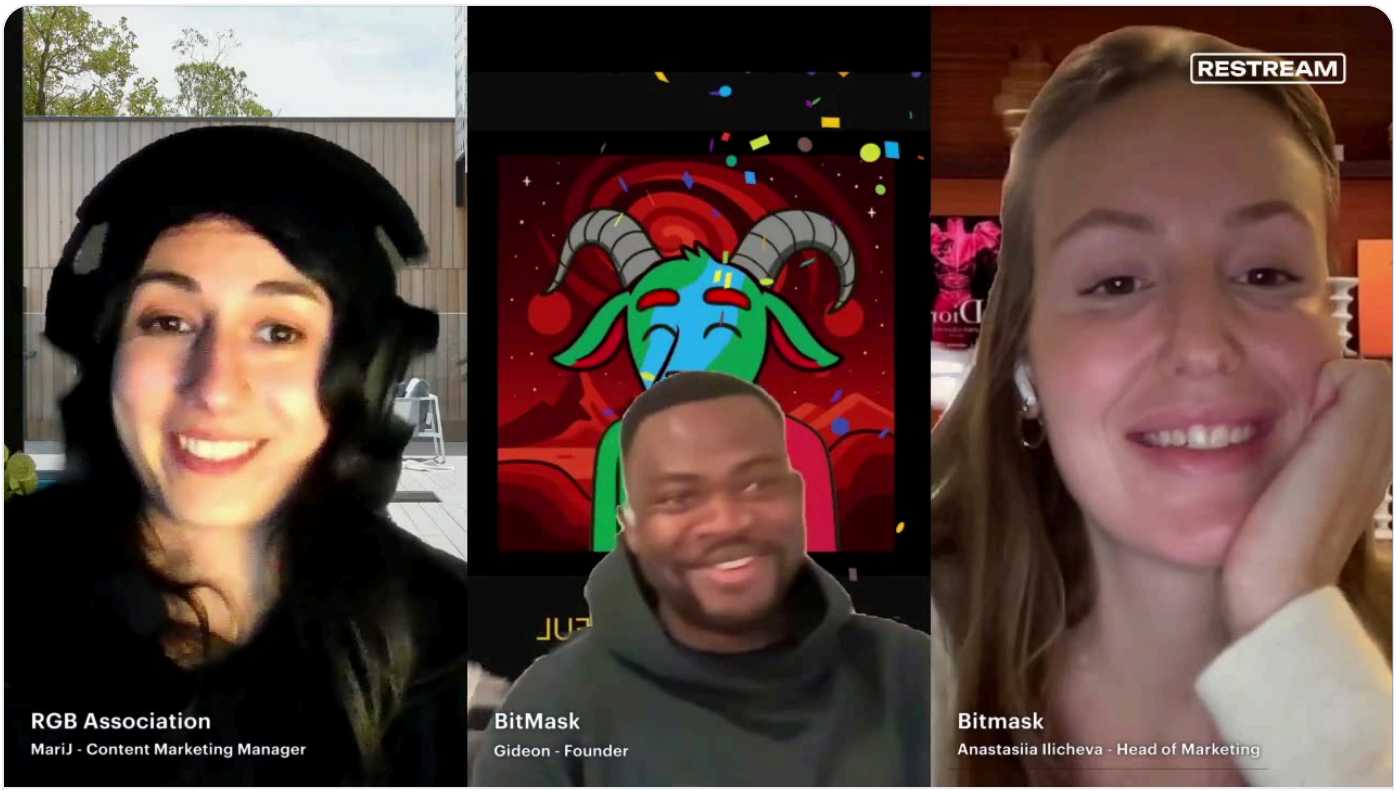
TIME	CHAPTER
0:00	Welcome and introductions
4:21	What is Bitmask? Origins and roles
8:44	The quiet year: why Bitmask went stealth

TIME	CHAPTER
12:28	RGB 0.11 versus 0.12 and what changed
14:49	Three products at once: DIBA, Carbonado, RGB20 and RGB21
17:04	Demo 1: the GOAT collection on DIBA
21:00	Demo 2: wallet and RGB Vault (testnet)
27:15	Demo 3: P2P atomic swap, listing the asset
34:06	Demo 3 continued: buying and swap settlement
37:37	Demo wrap-up and mint status
39:31	Why UDAs? Naming and the art thesis
43:56	Tokenizing real-world art: regulators and trust
50:52	Community question: auctions and other asset types
52:49	Closing philosophy: optimize the function, ignore the form
54:43	Backup, seed phrases and Carbonado
57:59	Lightning, legacy wallets and interoperability
1:03:46	Community question: how did Bitmask get its name?
1:08:57	Closing remarks

The first two minutes of the replay are a title card with no speech.

Detailed report

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2:30 The three speakers: Mari J of the RGB Association (left), Gideon, Bitmask founder (center) and Anastasia, head of marketing (right).

1. Who Bitmask is and where it came from

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Gideon described Bitmask as a Bitcoin wallet focused specifically on RGB, "Bitcoin native programmable utility". He said the company that sits above it, DIBA, started when he raised his first check in 2021 from Tim Draper with the aim of bringing art to Bitcoin using programmable smart contracts. The team assumed RGB would arrive quickly, but it took far longer and a great deal of engineering, so Bitmask was born from the lack of any wallet supporting RGB at that point. At the time the only comparable efforts he cited were an iOS wallet on Signet and Iris Wallet, which he associated with Bitfinex.

On timeline: experiments began in 2021, wallet work in 2022, and the first fungible RGB transfer on Signet happened on August 18, 2023, which Gideon remembered because he was in Los Angeles at the time. Early Bitmask versions had a bluish look and a different logo, and he pointed people to old Medium articles for the history.

2. Why the quiet year

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Anastasia explained the team's reasoning. Each earlier launch ran into technology that was not ready, and the community often read that as a mistake. The team now frames it as experience and trial and error.

Gideon added the technical backdrop. In the early days, protocol-level changes in RGB meant the wallet had to be rewritten from scratch, with no guarantee of API compatibility. RGB depended on pieces such as Taproot and a lot of custom code. At the same time Bitmask had real demand, including a day with 100,000 downloads, so having to rebuild in public was painful. He quoted an investor who called the early work "a science experiment". The move to the RGB 0.11 line was the decision to turn that experiment into something that can generate revenue, and he said the 0.11 community, which Bitmask belongs to, concentrated on making RGB production ready.

Why it matters

> The team presents the stealth period as an engineering reset: rebuilt infrastructure, a wallet that is reliable enough to be a daily driver, and a product that validates everything against Bitcoin rather than relying on trusted servers.

3. Three products at once

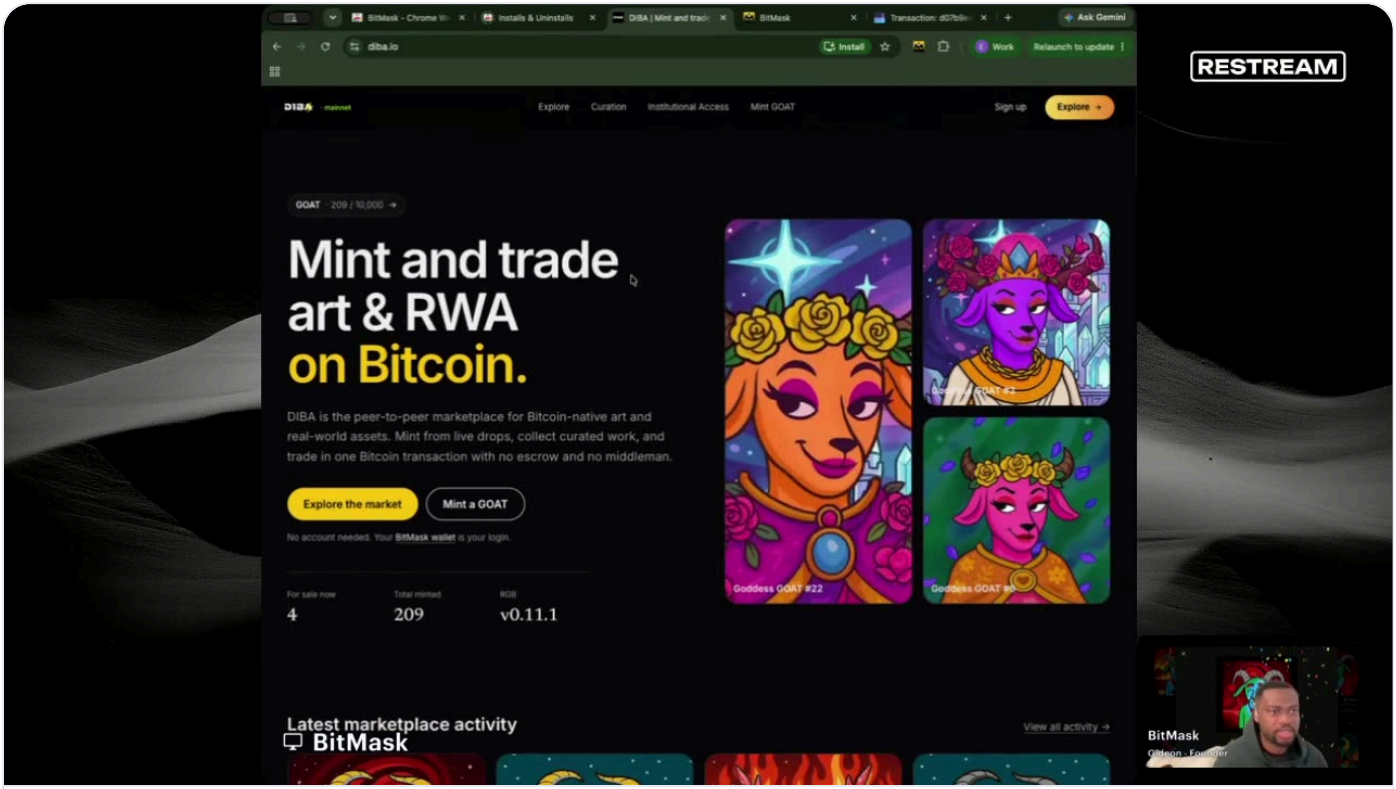
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Anastasia clarified that Bitmask is not the only product. DIBA is the marketplace, Bitmask the wallet, and Carbonado the storage layer. The team built them in sequence out of necessity: a marketplace needed a wallet for buyers, and a wallet needed private storage for the assets inside it. On top of this sat the complexity of RGB smart contracts themselves, specifically RGB20 (fungible) and RGB21 (unique assets), which all had to work together smoothly. That is the second reason she gave for going quiet.

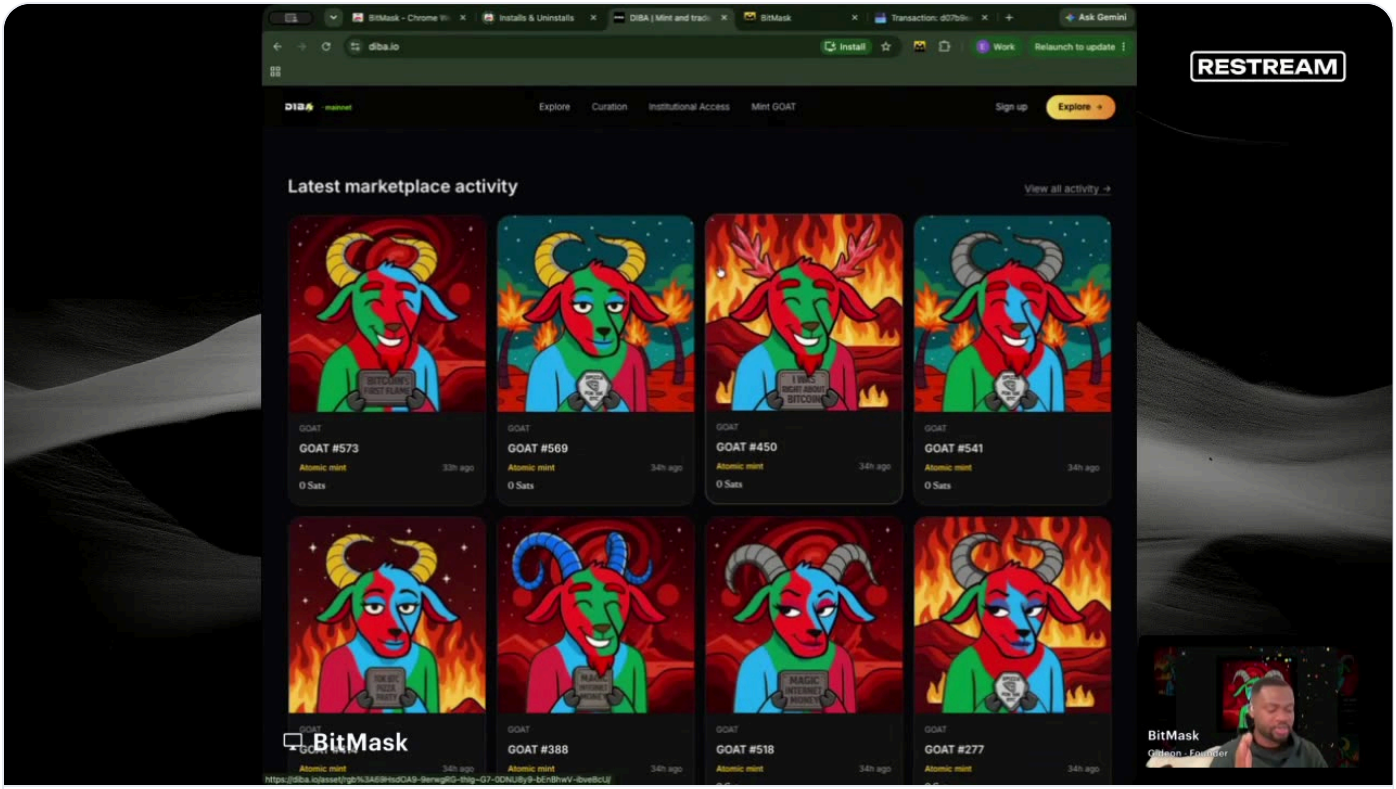
4. The GOAT collection on DIBA

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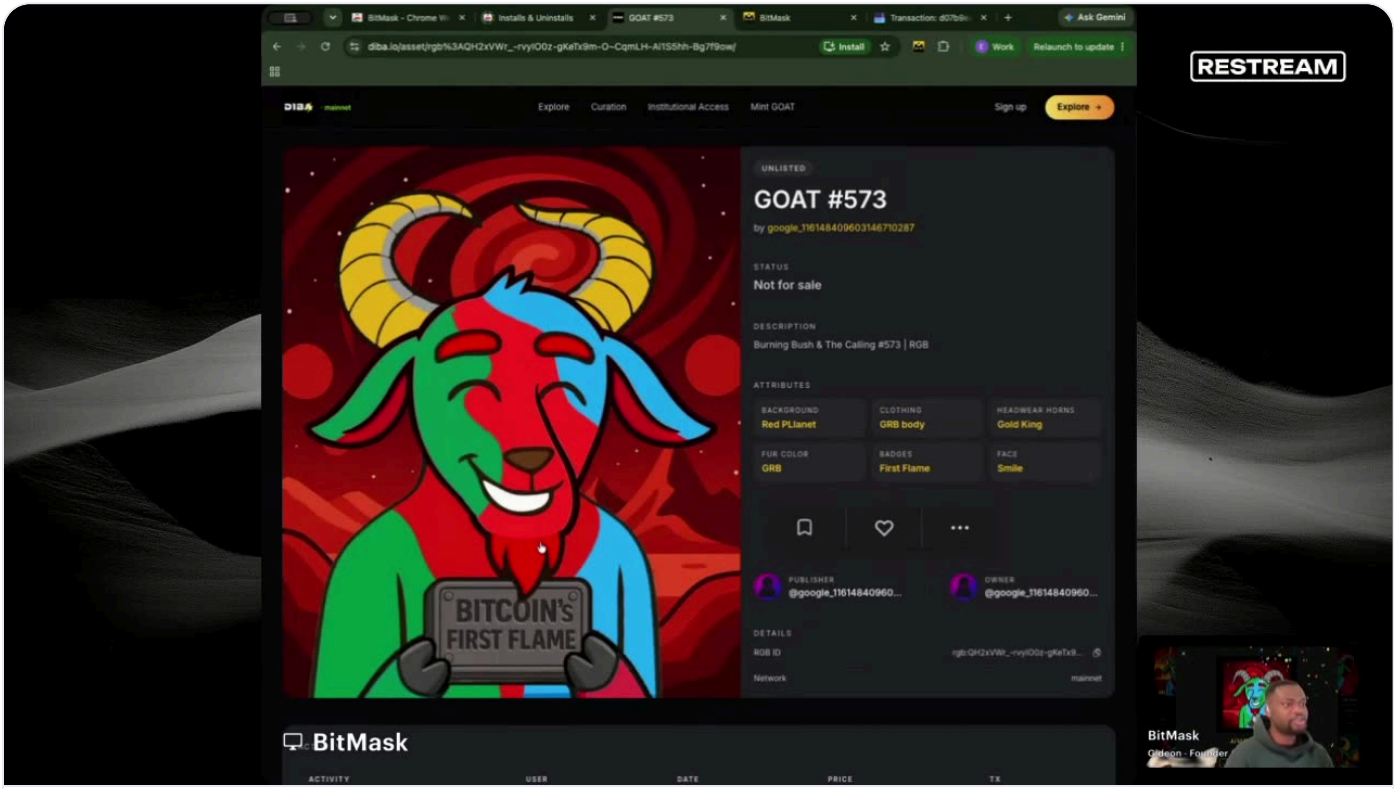
The first demo segment was the production GOAT experience on DIBA. Gideon said he was inspired by how the Bitcoin genesis block carries a piece of context, and wants art to tell the story of Bitcoin, plant a flag and bring the community together. The collection has 10,000 assets, each a 1 of 1 UDA, in ten subcategories, with each thousand revealed as people mint. The first 1,000 cover the earliest days of Bitcoin. On a specific GOAT page, he pointed at the RGB Genesis contract and stressed that everything is verifiable on chain.



18:00 DIBA landing page: “Mint and trade art & RWA on Bitcoin.”



19:00 Latest marketplace activity: GOAT artworks listed on DIBA.

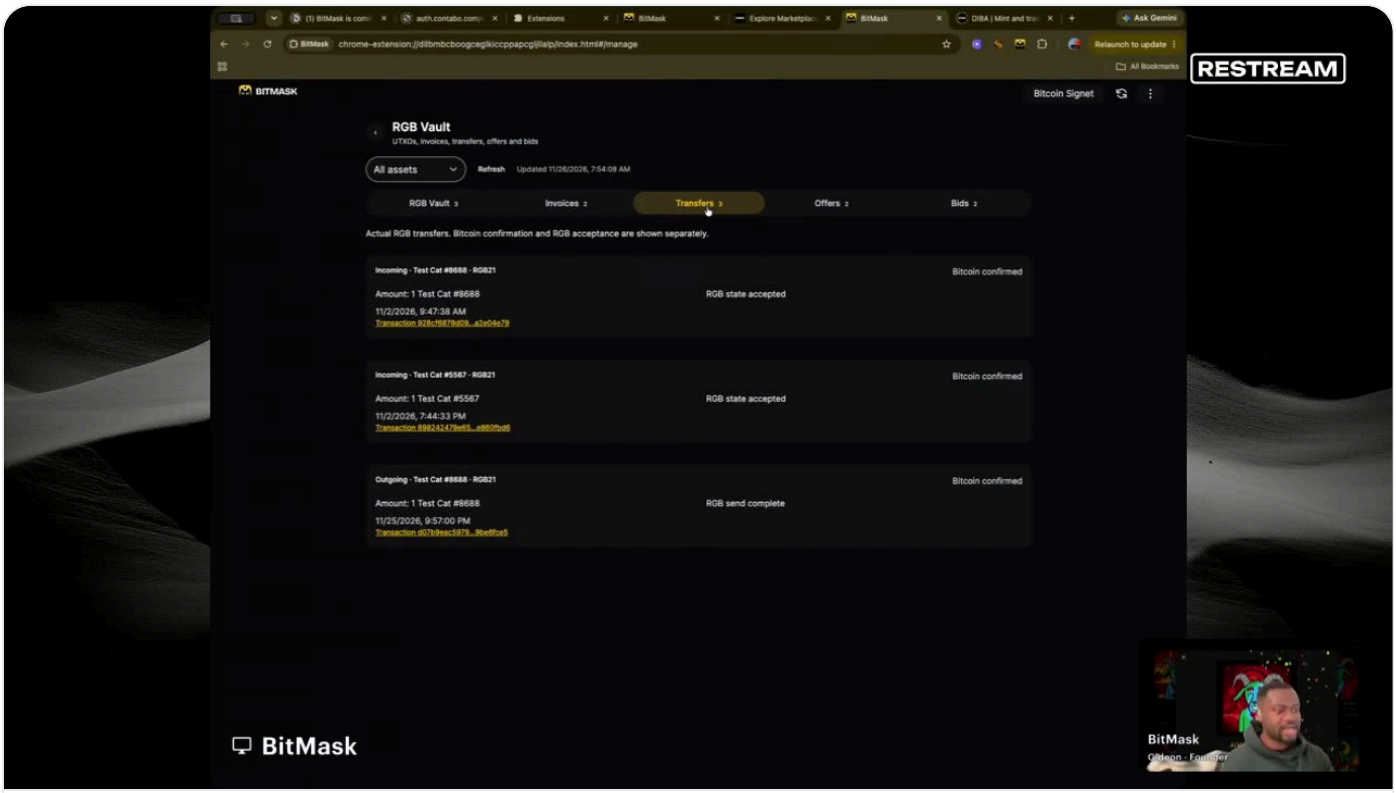


20:15 A GOAT detail page (GOAT #573, “Bitcoin’s First Flame”) showing ownership and RGB contract details.

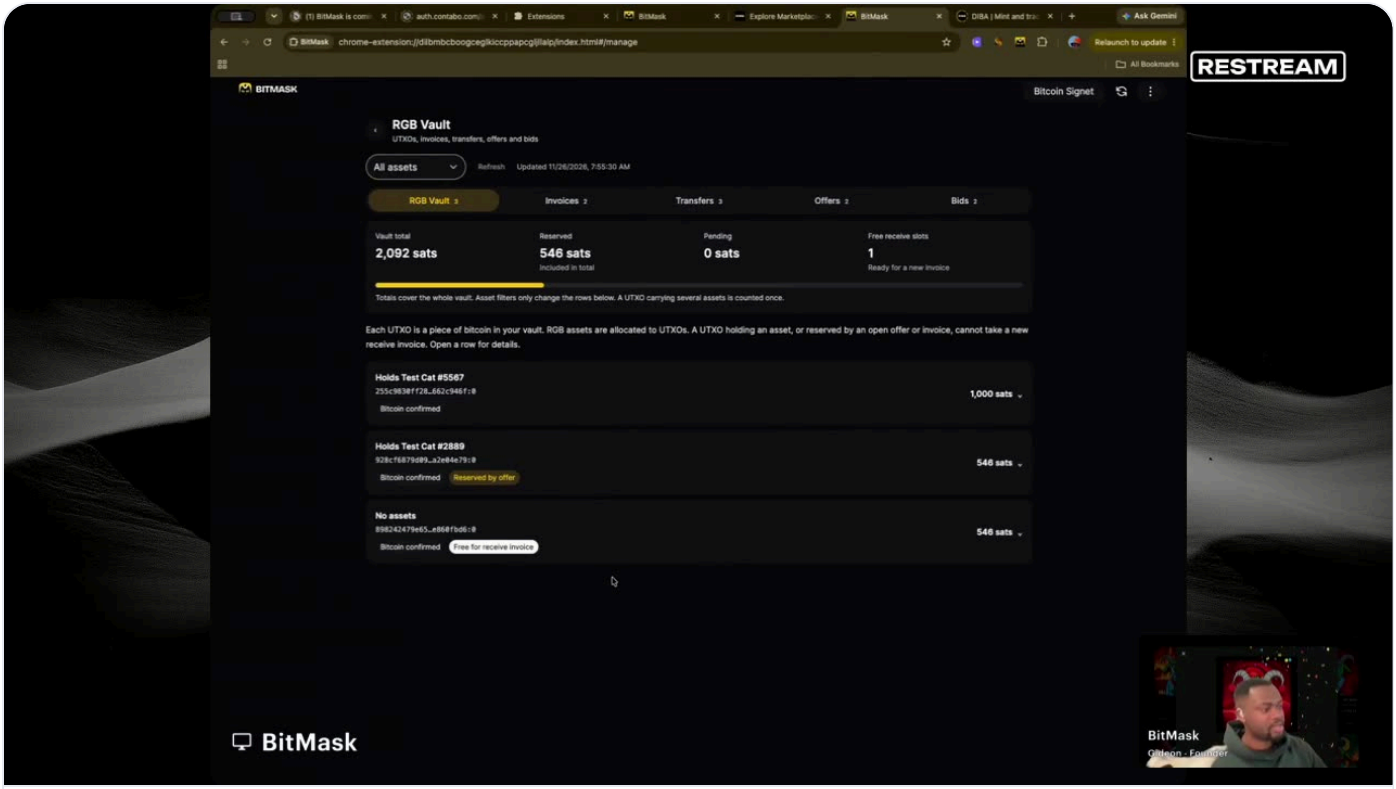
5. Wallet design: local-first, non-custodial, verifiable

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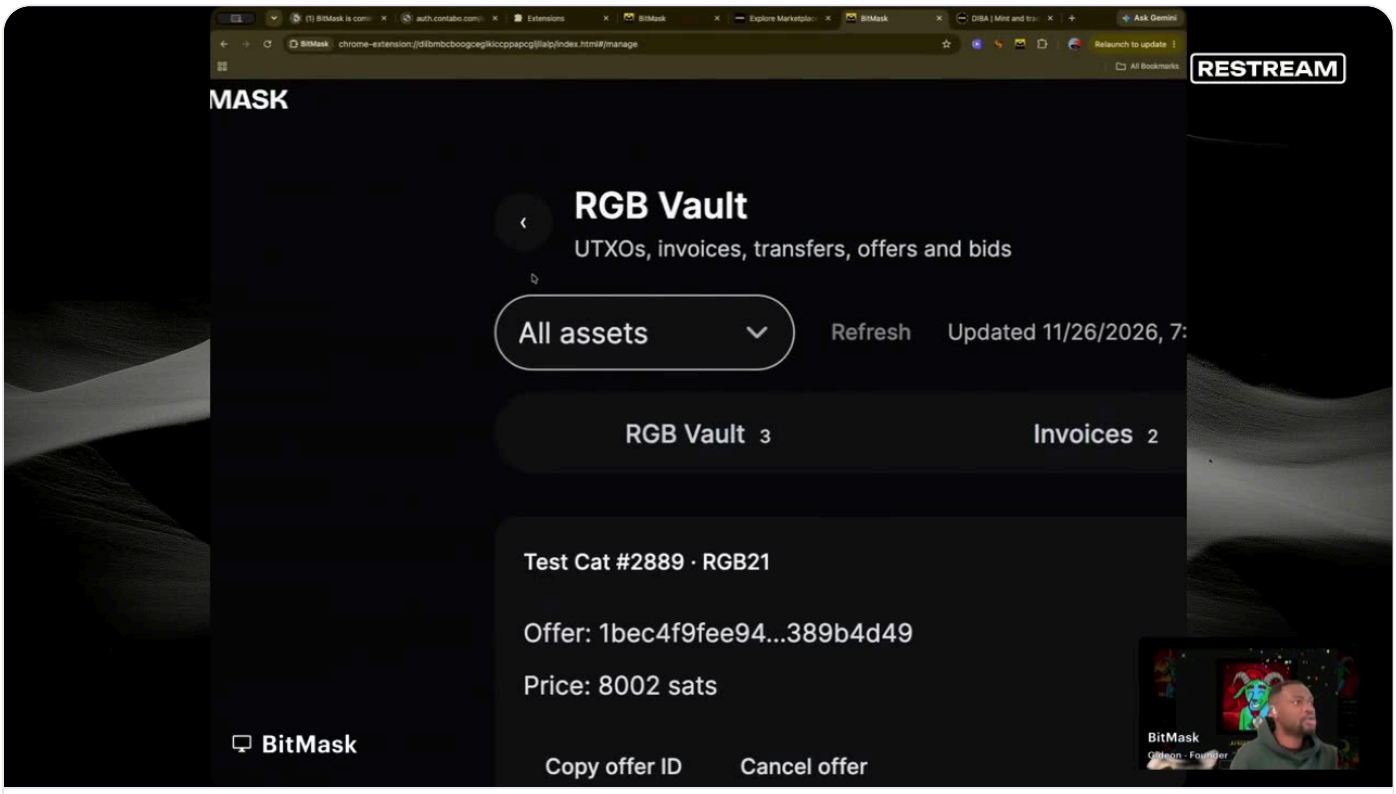
Gideon switched to a Signet (testnet) wallet populated with "Test Cats". He made three product points. First, every RGB asset has a contract and an ID that users should check, because an asset without them is probably not real RGB. Second, Bitmask accepts BTC from any address type (Taproot, SegWit and others) but keeps RGB assets in a separate **RGB Vault**, so users never mistakenly spend an RGB-bearing UTXO. Third, the wallet shows what is happening behind the scenes: UTXOs, which asset is tied to which UTXO, invoices (paid or not), transfers (pending or accepted), offers and bids, since a transaction involves both Bitcoin state and RGB state that must stay in sync.



24:00 RGB Vault, Transfers tab: incoming and outgoing transfers with Bitcoin confirmation status.



25:30 RGB Vault overview: UTXO breakdown showing which sats are free, held by assets or pending.



25:15 RGB Vault, Offers: an active offer for Test Cat #2889 (RGB21) at 8002 sats with Copy offer ID and Cancel offer controls.

A key design principle he repeated: an RGB transaction either works or it does not. If an asset's history is valid, the transfer succeeds, and if it has been tampered with, it fails. The same all-or-nothing logic underpins the atomic swap listing.

6. Why every UDA holds 1,000 sats

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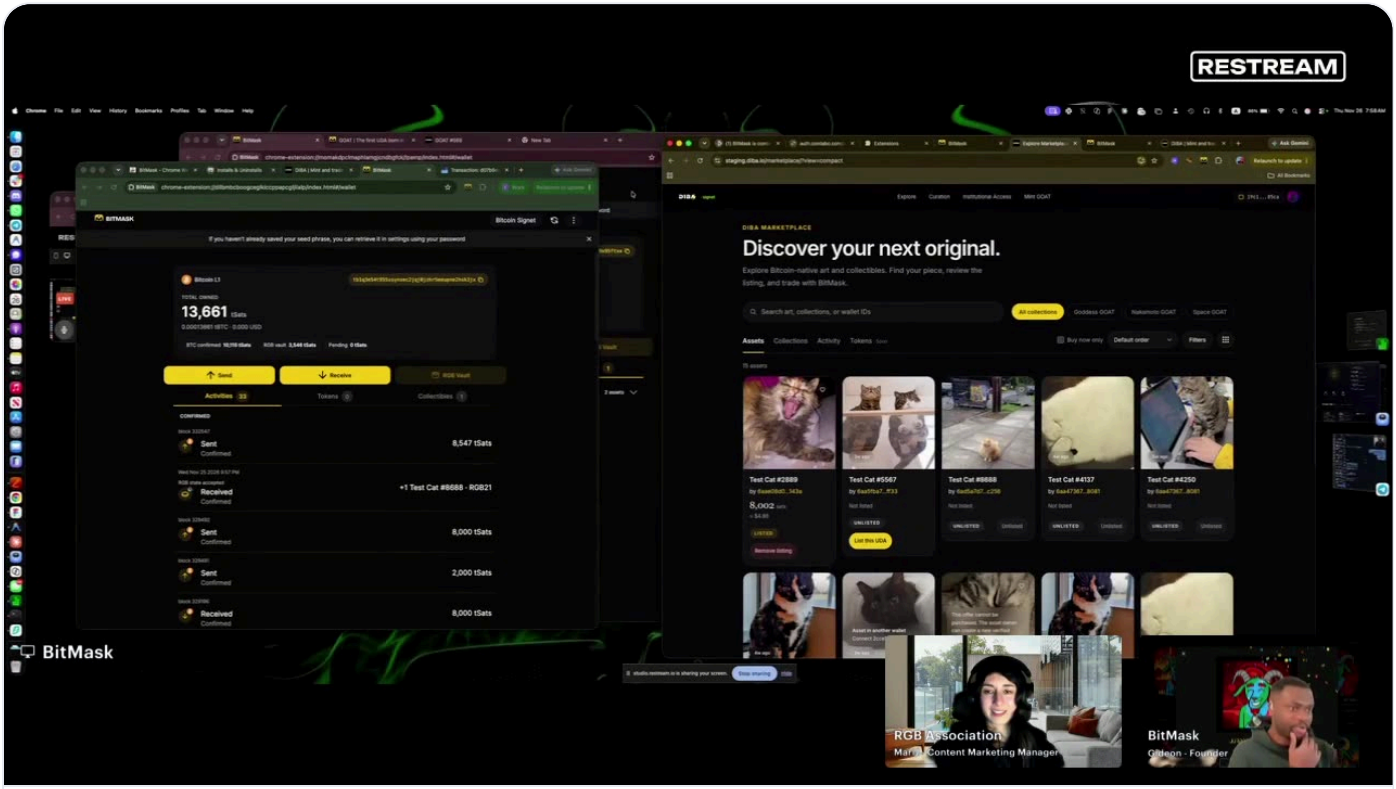
Each RGB asset is attached to a Bitcoin UTXO. For GOAT, the team bound 1,000 sats to every UDA, so an asset has both collectible value and inherent Bitcoin value. Gideon framed it as stacking: the more a user holds and moves RGB assets, the more Bitcoin ends up locked alongside them.

Live demo: P2P scriptless atomic swap

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This was the technical centerpiece. Gideon shared two screens, one for a seller wallet and one for a buyer wallet, both on Signet with Test Cat assets, and walked through a complete listing and purchase.

> **What the demo proved**
> An asset and the matching Bitcoin payment changed hands in a single atomic step, between two non-custodial wallets, with no escrow, no withdrawal step and no middleman, and it could then be inspected on mempool.

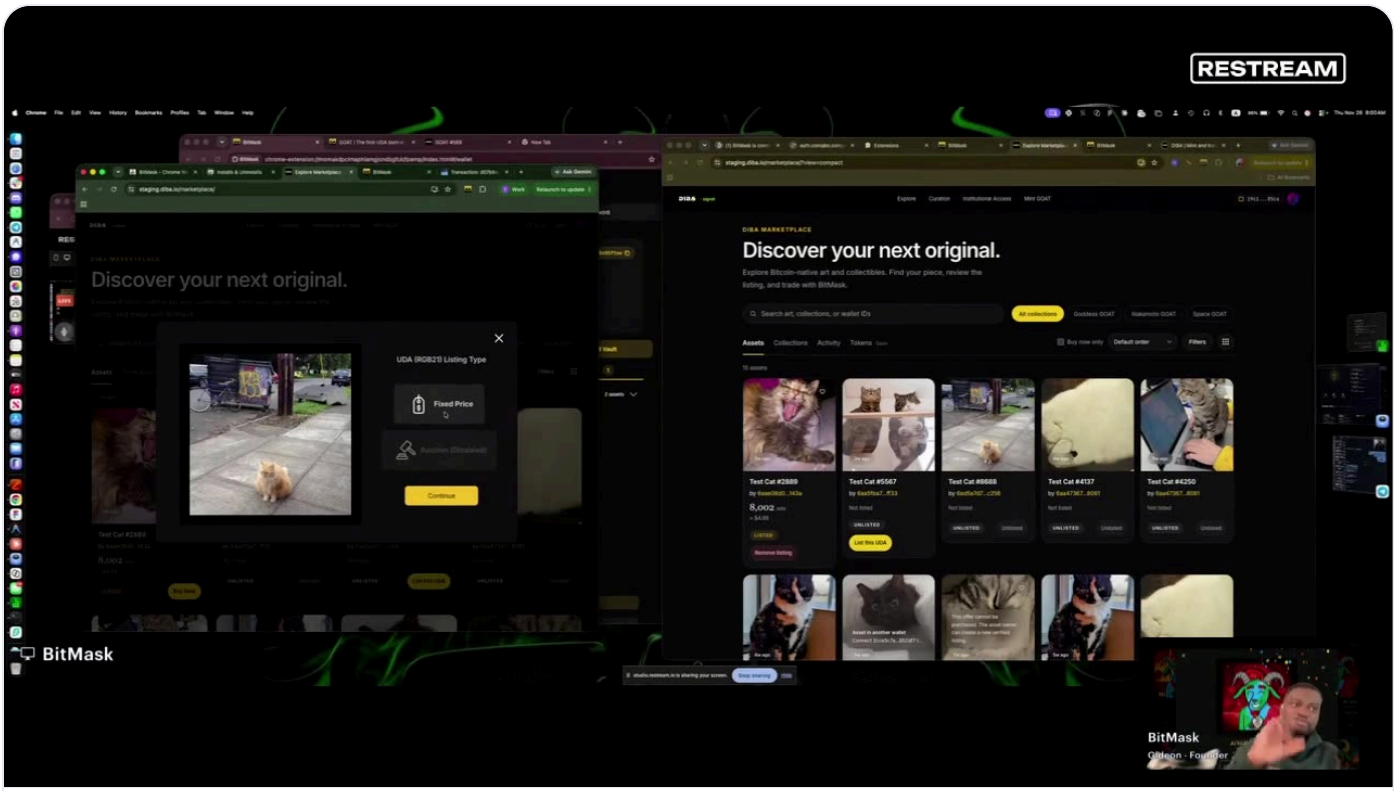


28:45 Two-screen setup: seller wallet on the left, buyer view of the DIBA staging marketplace on the right.

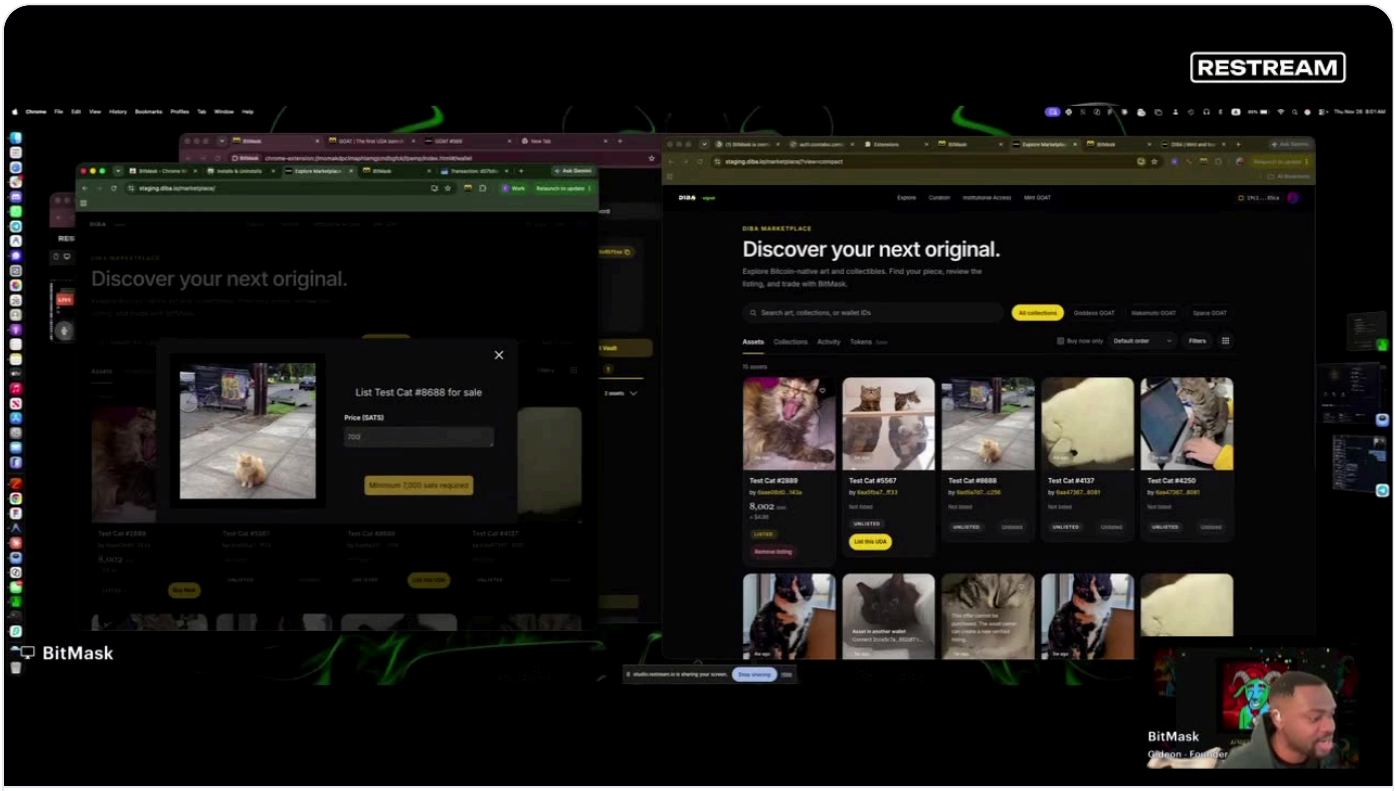
Step 1. Fund the vault and open the listing form

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The seller's RGB Vault must be funded, which means having a UTXO ready to move. Gideon then chose **Test Cat #8688** and opened the list dialog. Minting on DIBA via Bitmask is currently free, but there is a floor: by default every minted asset has a marketplace listing floor of 7,000 sats, so a seller makes at least that by minting and selling.



30:15 The list dialog on the staging marketplace.

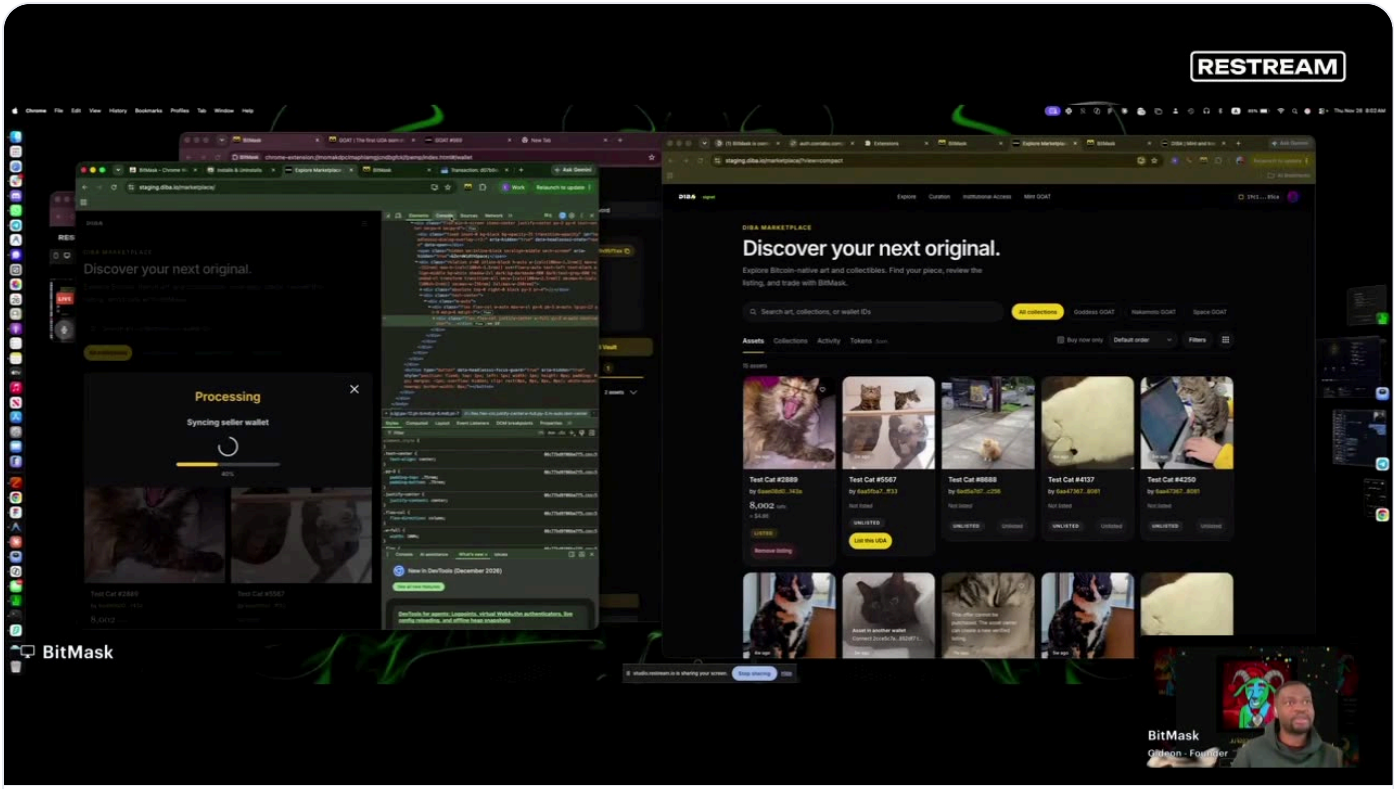


31:00 Fixed-price listing form. Gideon tested the 7,000 sat floor and noticed a UI wording issue he said needed fixing.

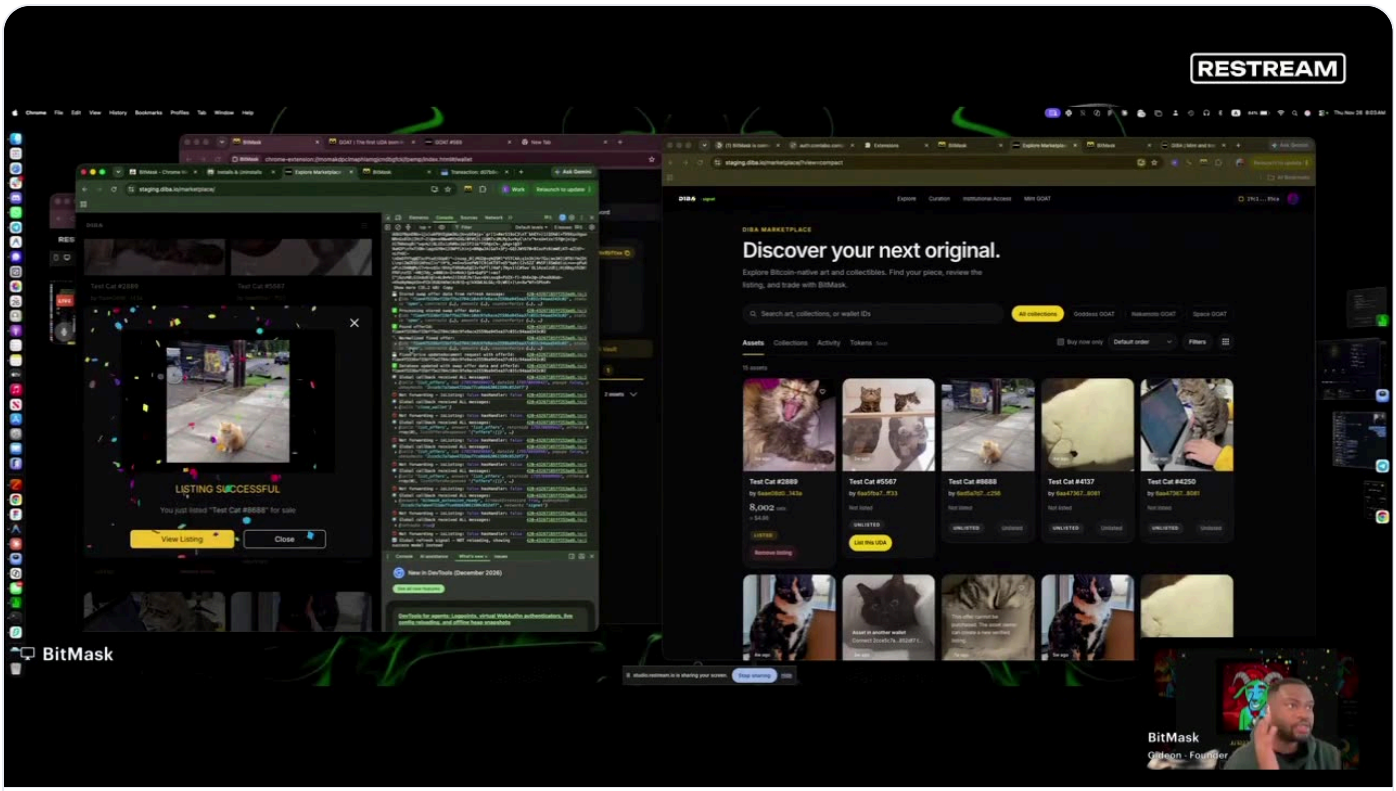
Step 2. Authorize, sync and verify provenance

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Listing costs nothing. The seller only signs a transaction that bundles and binds the asset into an offer. While authorizing, the wallet synchronizes asset history: do you own the asset, do you hold every transition, and is the provenance intact. If anything is missing, the listing will not go through. He opened the browser developer console to show that the computation runs locally, and gave a practical tip: if a step stalls, refresh and retry.



32:15 Processing state with the developer console open, showing local validation activity.

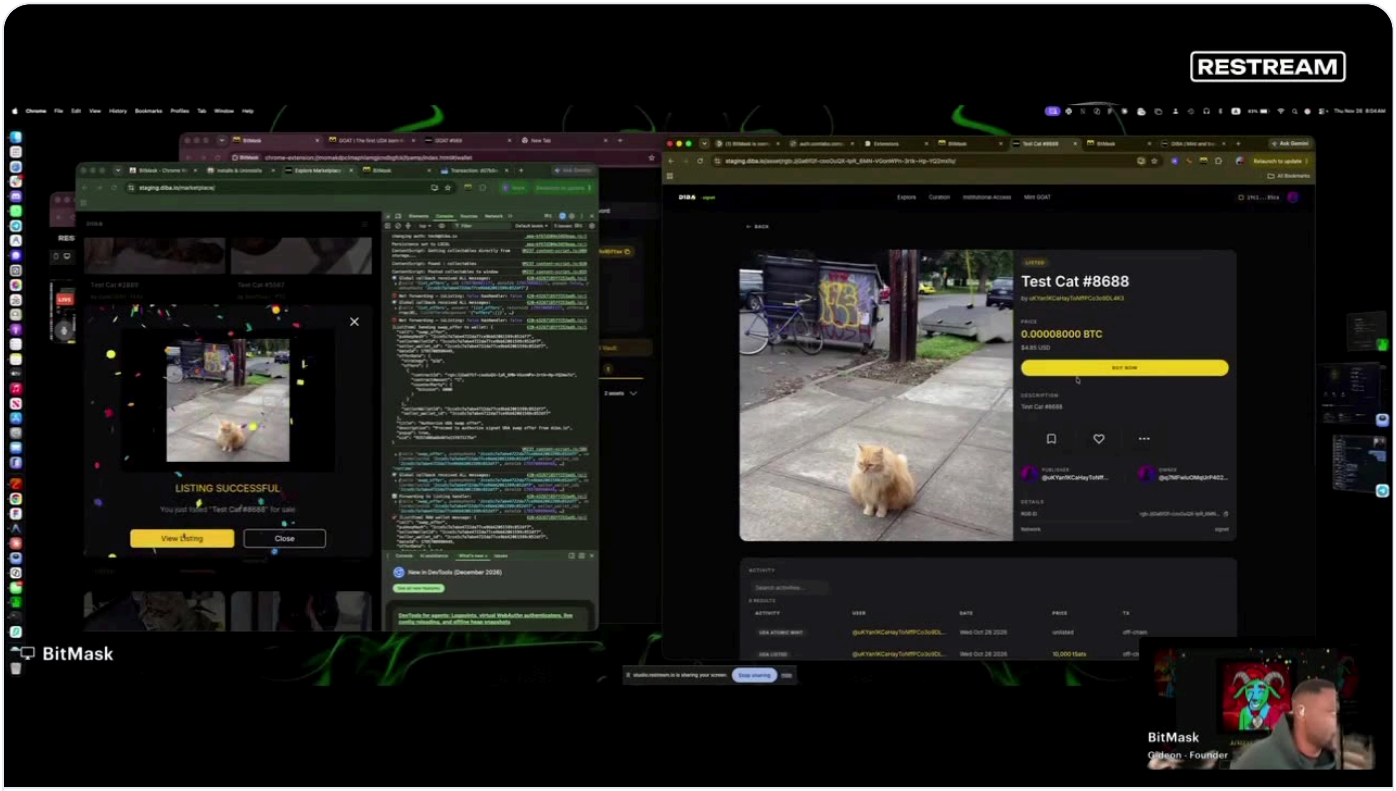


33:15 “Listing successful”: the cat is now listed. The right screen shows it in the marketplace grid.

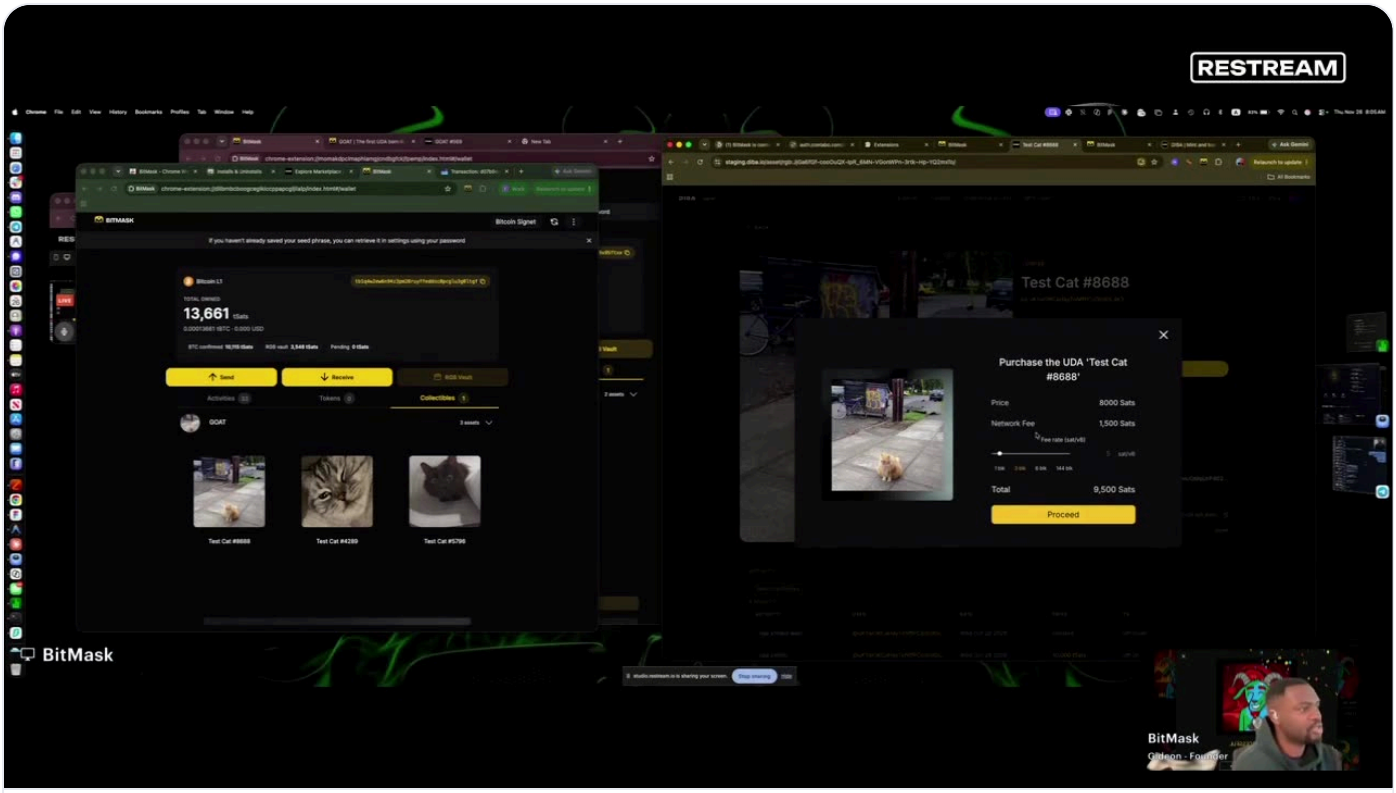
Step 3. Buy the asset

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The buyer sees the listing at 8,000 sats plus a Bitcoin transaction fee. Whoever buys pays the fee. The seller paid nothing. Gideon confirmed before the purchase that the cat was not in the buyer wallet.



34:30 The Test Cat #8688 asset page on the buyer side.

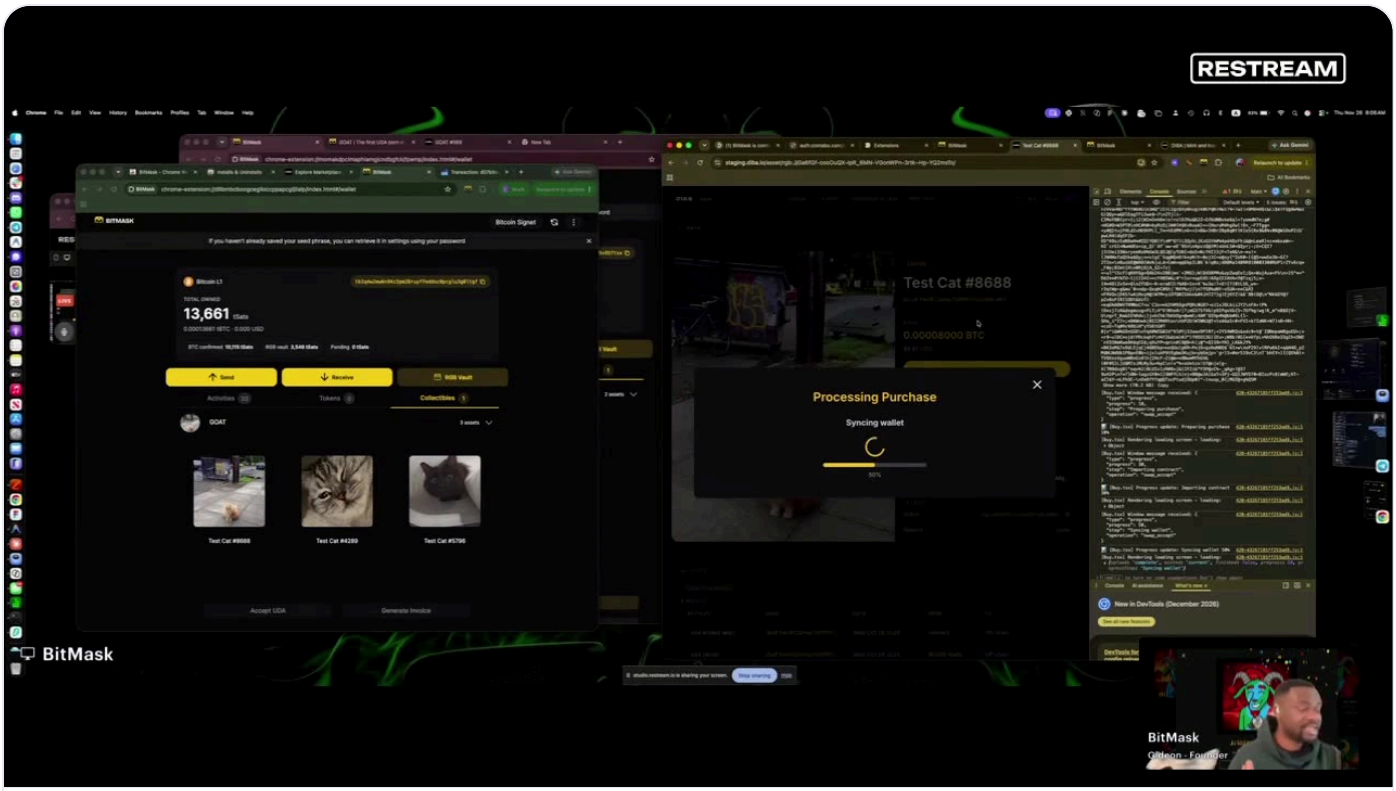


35:30 Purchase dialog: price, fee and confirmation.

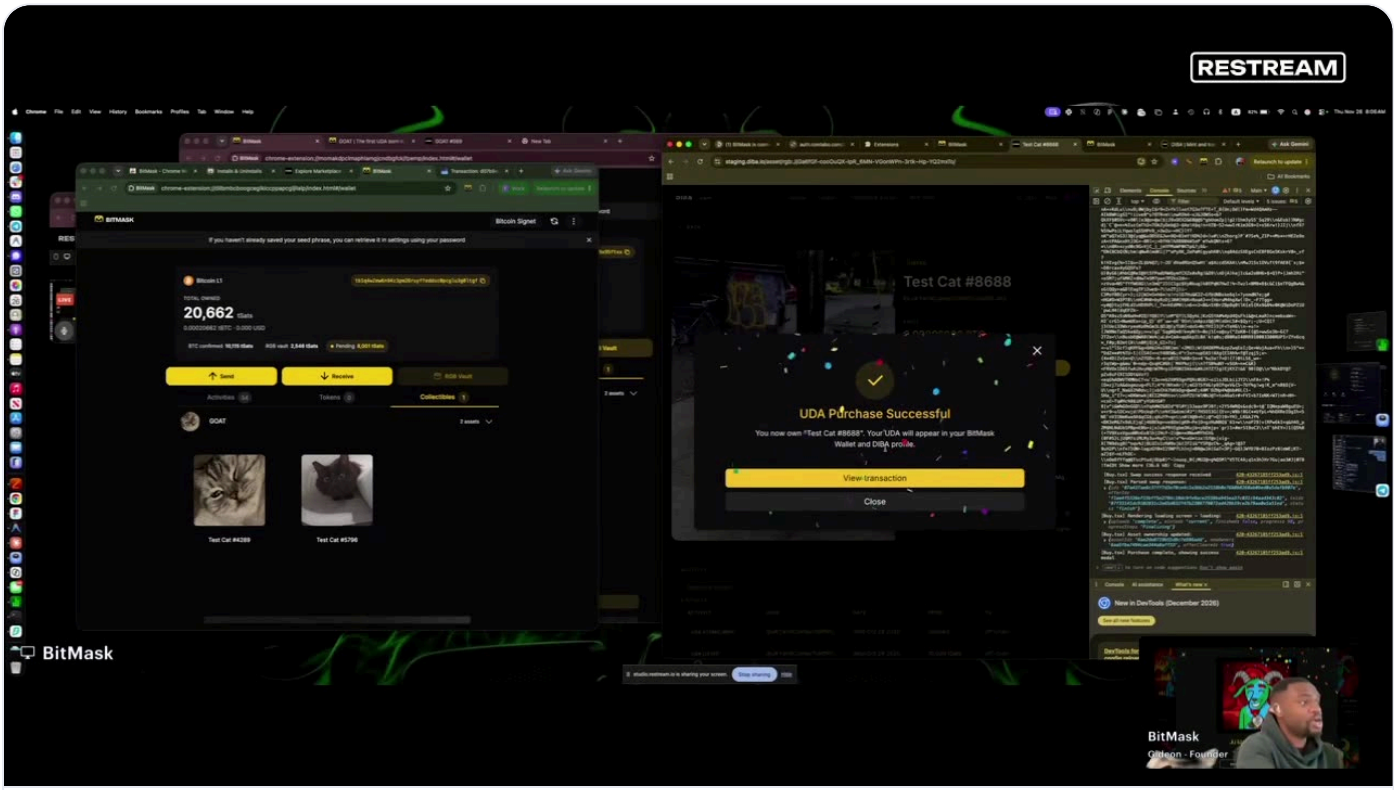
Step 4. Settlement

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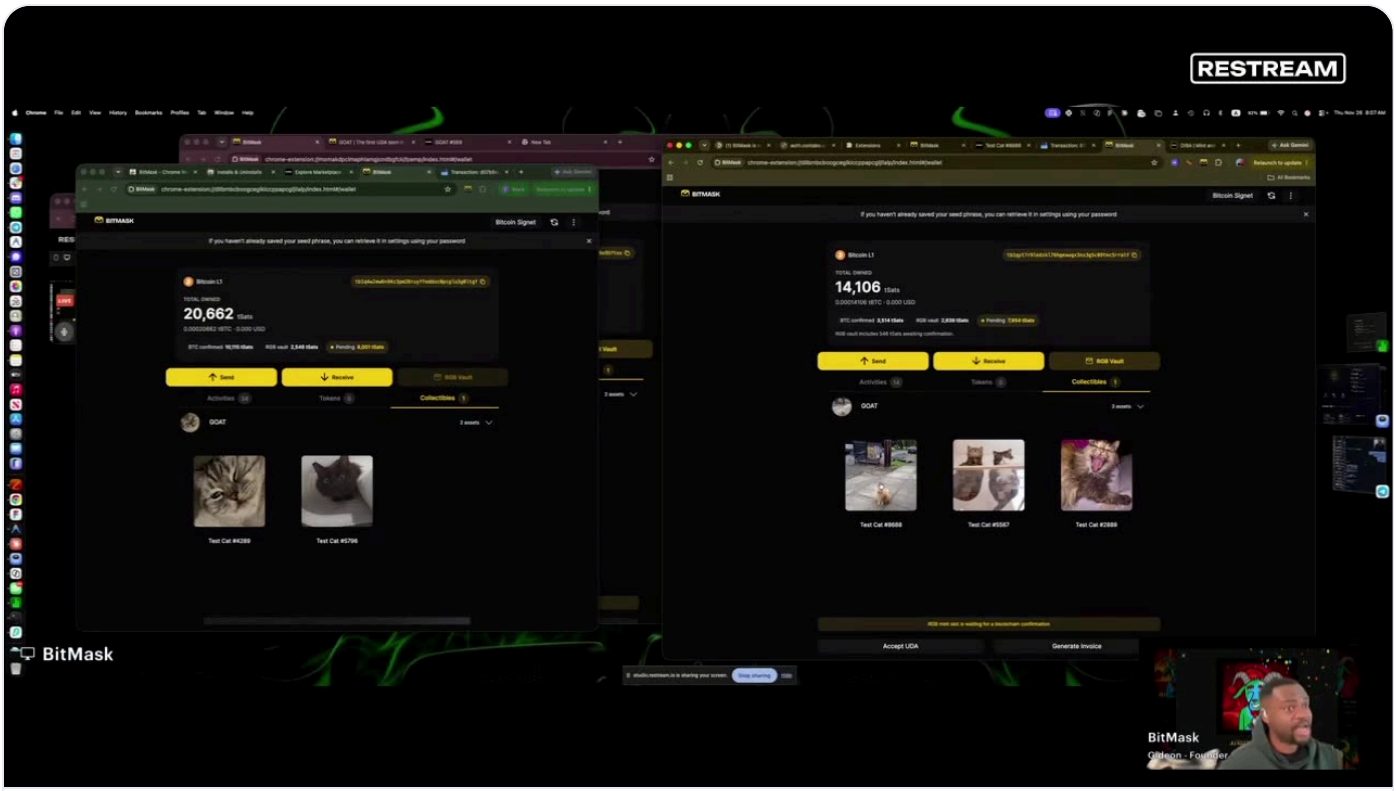
A processing screen showed the contract at 50 percent complete, then provenance checks and verification. Gideon pointed out that this on-chain verification is what separates RGB from "an Excel sheet": agents that evaluate which assets to buy will look for what is on chain. The result was instant: the UDA moved from one wallet to the other and the Bitcoin moved the opposite way. He then opened the transaction on mempool.



36:00 Processing Purchase: the wallet is verifying the asset history before settlement.



36:45 “UDA Purchase Successful.” The buyer wallet now owns Test Cat #8688.



37:00 After the swap, read from the screen: the seller wallet shows two cats and a balance above 20k sats (up from 13,681), and the buyer wallet shows three cats and 14,106 sats (down from 22,607).

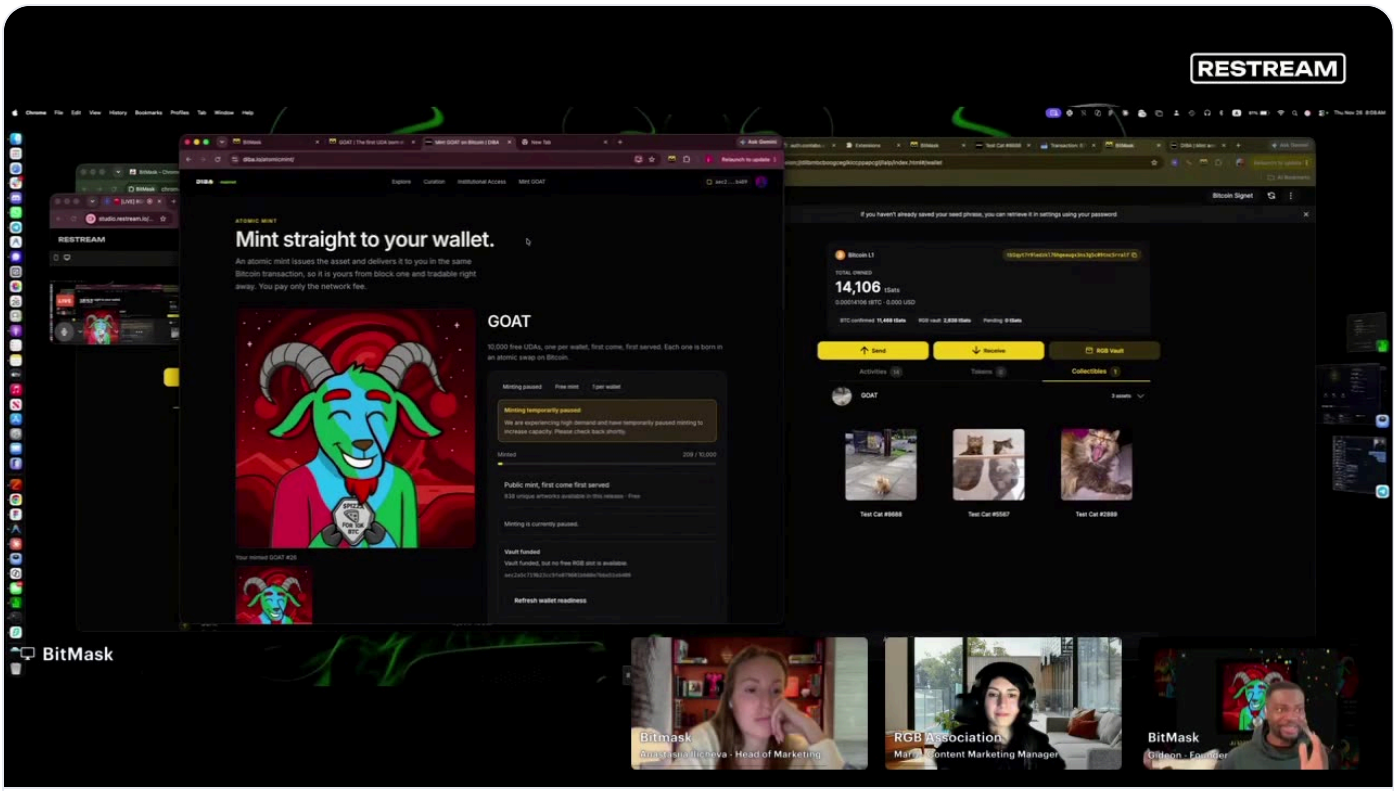
Reading the balances

The buyer's balance dropped by about 8,500 sats, which is consistent with the 8,000 sat price plus a network fee. This is the report author's reading of the on-screen numbers and was not stated aloud.

Mint status

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The live GOAT mint page showed "Minting temporarily paused" because of high demand and read 208 of 10,000 minted. Gideon said the demo traffic had overloaded the infrastructure, the team paused the mint, and they would reopen it within the week so that minted assets can be listed and traded immediately. He urged users to list and swap their assets, because each swap adds on-chain provenance.



38:45 GOAT mint page: “Mint straight to your wallet.” Free, one per wallet, first come first served. The page shows Minting temporarily paused.

The conversation after the demo

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Why UDAs, and where the name came from

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Gideon said his first product was always art on Bitcoin, and he thinks art matters most in a future of abundance. When AI agents become economic actors, he expects digital assets to be among the first things they buy and sell. He disliked calling RGB21 assets NFTs ("my mom doesn't know what NFT means") and coined the term **unique digital assets**, which he said happened on a development call in 2022. The team also funded work on the UDA schema. He thanked the UTEXO team for completing the stablecoin side, saying UDAs cannot reach full value without USDT on Bitcoin, and that tokenization depends on it too.

Real-world art, tokenization and regulators

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The host challenged the premise directly: for a tokenized painting, is a wallet and marketplace enough, or does a regulator still have to validate ownership? Anastasia argued that the art market already suffers from outdated databases and counterfeits, and that digital items are the cleaner starting point. She described a past experiment with a phygital partner team from Los Angeles: a physical item that opened the Bitmask wallet with an artist's soundtrack when tapped with a phone, tested in Miami, which attracted interest but was paused when the team went quiet. She also noted that a London gallery had already held an NFT-focused exhibition and auction, so some regulation exists, varying by region. The host's closing view was that the market will tell: today a legal institution still validates ownership, and it would be notable if a future market trusted Bitcoin alone.

Auctions and other asset types

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A Telegram viewer asked whether the team had studied other auction models (sealed bid and so on) for non-art digital goods. Gideon said listings today are fixed price, with auction support coming back on chain next year so multiple people

can bid. He added that the team has done research but is deliberately taking one step at a time, and mentioned an investor with a capital-markets background who backed DIBA and Bitmask in 2022.

> *"Optimize the function, ignore the form."*

His favorite quote, applied to money: stones, then coins, then paper, then digital, with the lasting function being a censorship-resistant platform that humans and agents can verify.

Backup, seed phrases and Carbonado

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The host asked how Bitmask backs up asset data and what happens if a seed phrase is lost. Gideon said the question drove the creation of **Carbonado.io**, an open-source storage layer built by early engineer Hunter Beast, whom he identified as the author of BIP 360 (the quantum-resistance proposal). He called it "storage for the truly paranoid". Bitmask uses Carbonado to store all RGB stock and assets, encrypted with the user's private key, so every transaction unlocks, re-encrypts and backs up in sequence. A dedicated Carbonado call with Hunter was floated.

Lightning, legacy wallets and interoperability

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Asked about Lightning, Anastasia said the order is a reliable UDA layer first, then Lightning and settlement infrastructure, and that the whole infrastructure was rebuilt layer by layer from zero. She explained that early wallets used 12-word seed phrases, later upgraded to 24, and that holders of the earliest GOAT items will be able to reclaim them after the main mint, though some code needs to be cracked first. Gideon added that Lightning is already done internally but not shown, and that he personally tested bridging USDT to Bitmask on mainnet with an early version of the UTEXO bridge (a video exists on X). Both stressed interoperability with other RGB wallets as a priority, so that users are not locked into one product.

How Bitmask got its name

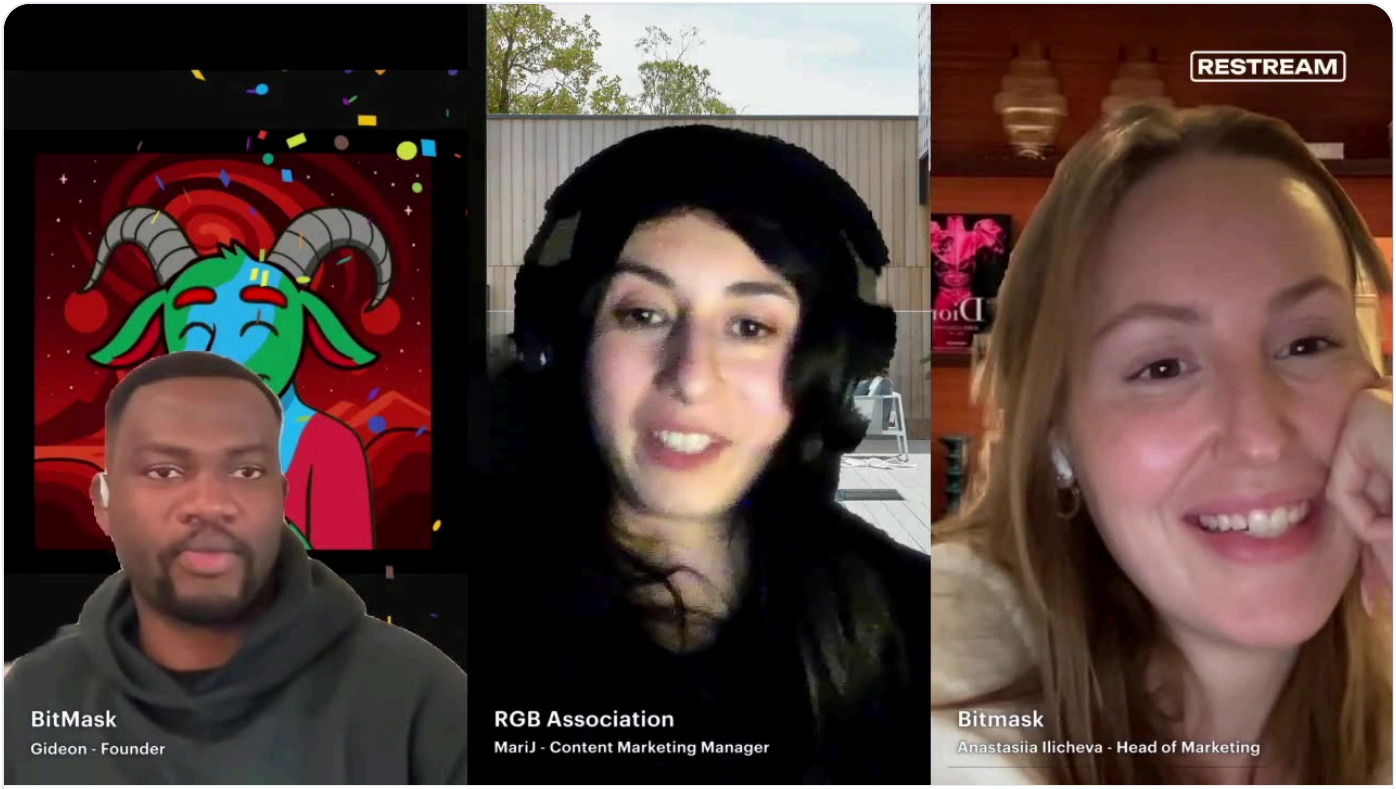
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Gideon told the origin story: during Draper University's "hell week" in the desert, around a bonfire, Tim Draper discussed what makes companies succeed and nudged him toward building a wallet. He wanted the MetaMask of Bitcoin, so the name followed almost immediately. Anastasia added that DIBA stands for digital Bitcoin art, and that the cat mascot came from wanting a creature that could beat MetaMask's fox. Early developer Hunter Beast loved cats, and a viral clip of a cat beating a fox sealed it, drawing some teasing from the Ethereum community.

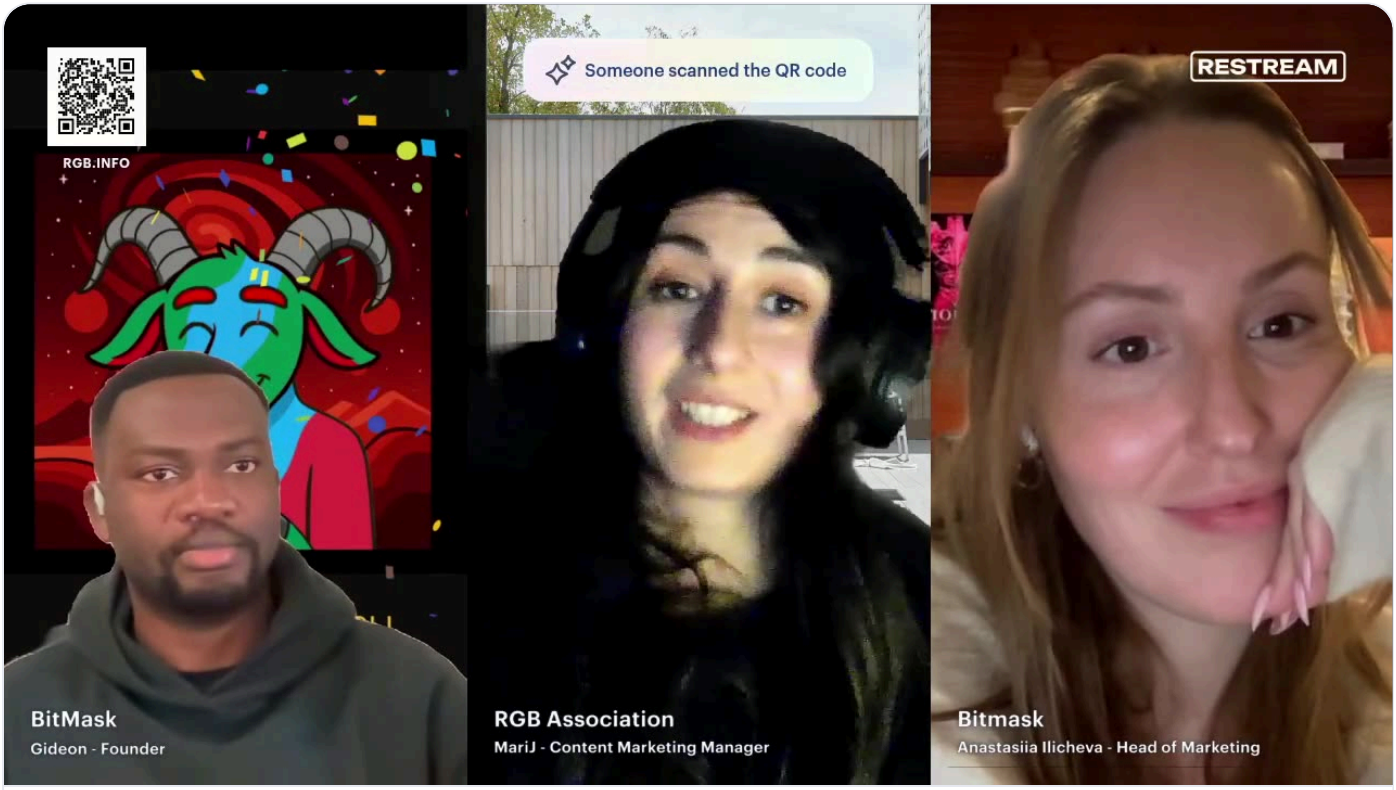
Closing

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The host asked viewers to test the product and send feedback, pointed to rgb.info for coming Bitmask coverage, and read a disclaimer that the RGB Association promotes education and showcases projects but does not endorse any specific UDA or token. Gideon repeated that GOAT minting would reopen within the week.



`1:09:00` Final minutes: all three speakers on screen.



`1:10:00` Closing screen with the QR code for RGB.INFO.

Fact sheet: what was stated about the product

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TOPIC	AS STATED ON THE CALL	TIME
What Bitmask is	A Bitcoin wallet focused on RGB, for Bitcoin native assets; non-custodial and local-first	4:33
DIBA	Company and marketplace; the name comes from digital Bitcoin art	1:07:11
GOAT	10,000 free, 1 of 1 UDAs in ten subcategories of 1,000; first 1,000 on early Bitcoin ("burning bush")	20:15
Sats bound to each UDA	1,000 sats	25:49
Minting	Free; paused for server capacity; reopening expected within the week	38:38
Marketplace listing floor	7,000 sats by default for minted assets	30:14
Listing fee	None for the seller; the buyer pays the Bitcoin network fee	29:38
Marketplace fee	Bitmask takes no fee on P2P atomic swaps	25:01
Swap model	Scriptless P2P atomic swap, all or nothing, no escrow	24:41
Vault	RGB Vault separates RGB UTXOs from general BTC; shows UTXOs, invoices, transfers, offers, bids	22:25
Storage and backup	Carbonado, open source, encrypted with the user's private key	56:31
Seed phrases	Early wallets 12 words, newer wallets 24 words	59:46
Lightning	Built internally, not released; planned after the UDA layer	1:00:43
Stablecoins	USDT on Bitcoin being brought to Bitmask with the UTEXO team; USDT bridging tested on mainnet	37:38
Auctions	Fixed price today; on-chain auctions planned for next year	51:36

TOPIC	AS STATED ON THE CALL	TIME
Early history	First non-fungible RGB transfer on Signet, Aug 18, 2023; 100,000 downloads in one day at peak	7:31

Roadmap and commitments as stated

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ITEM	WHAT WAS SAID	TIMING GIVEN
Reopen GOAT minting	Mint, then list and trade immediately	Within the week of the call
Guide for new users	Anastasia said she would drop a how-to guide for new users	Not specified
USDT in Bitmask	Trade UDAs against USDT with the UTEXO team	Not specified
On-chain auctions	Multi-bidder auctions return	Next year
Legacy GOAT reclaim	Early holders can reclaim after the main mint, once the code issue is solved	After the main mint
Lightning	Built behind the scenes, to be released later	Not specified
Wallet interoperability	Open to cross-wallet testing with other RGB projects	Ongoing
Carbonado deep dive	Possible dedicated call with Hunter Beast	Not specified
Wallet release	Gideon said he had sent an update to the Chrome store a few hours before the call	Already submitted

Full transcript

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Grouped by chapter. Click a chapter to open it. The transcript is automatic, lightly corrected for product names, and does not label speakers. The Chinese version is machine translated.

0:00 Welcome and introductions

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2:18 And hello everyone! Can you guys hear me?

2:23 Let us introduce the guests of today. Hi, guys. Welcome to the RGB Community Call.

2:31 Yeah hey, good morning.

2:33 Nice to see. Oh, yeah, it's morning where you are actually here.

2:38 It was morning somewhere. Okay, I see. So you're already saying that you have a decentralized team, which we're going to talk about in a second. So everybody, let's welcome the team from Bitmask. We have Gideon, who is the founder and CEO, and we have Anastasia today, who is the head of marketing and partnerships. So welcome guys to this call.

3:04 - Thank you so much for having us.

3:08 Great. I'm so happy to introduce this project because you guys seem pretty bullish on UDA and Bitmask. Every time I see Gideon writing on X or speaking to us, it's super, super excited.

3:24 We'll see what they are cooking today. So what we're going to do today is we'll talk a little bit about the project. Then we'll see a little demo of how Bitmask works. So we'll see what the news are about the platform.

3:43 and we'll talk a little bit about UDA as well, what they are and what they can be used for. And so yeah, feel free to ask your questions. You can ask your questions both on X. If you click on this call on X, you will have the big page opening and then you have the comment section where you can ask questions. So we'll make sure to ask your questions. And then you can also ask them on...

4:10 our Telegram group chat where we are streaming right now as well, actually. So we are in two places at the same time. Nice.

4:18 So, without further ado...

4:21 What is Bitmask? Origins and roles

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4:21 Let's start talking a little bit about Bitmask. So what is Bitmask first of all, and who are you guys and what is your role in the company?

4:33 Yeah, that's a very good question, right? Bitmask is the wallet for Bitcoin native assets. Actually, Bitmask was one of the earliest wallets to really show what RGB can do.

4:48 It's very interesting to see that after like five years of supporting RGB and working with RGB and figuring out how we can make RGB actually work and allowing people to come and do several things and break things, figure out where the errors are in RGB and we are finally getting to a place where...

5:08 RGB is actually coming to production. We're about to have USDT on Bitcoin. And I think it's very, very exciting time, especially with what we have happening in the world with AI and super intelligence. I think that, you know, Bitcoin is going to become the last line of defense for financial activities.

5:25 And that is gonna happen together with RGB. So that's like one of the reasons why I'm very excited and...

5:32 Bitmask essentially is a Bitcoin wallet.

5:36 but it focuses specifically on RGB.

5:39 So essentially, programmable utility on Bitcoin, Bitcoin native programmable utility. That's like essentially what we focus on around Bitcoin, Bitmask. However, when I started the company, you know, I raised my first check in 2021 from Tim Draper.

5:55 And the idea essentially, the company was essentially called, the company is called DIBA, the global company, right? The idea was to bring in art on Bitcoin using programmable smart contracts, RGB back then. We thought that RGB is gonna come out immediately, but then it took a whole long time and then we had to go into the engineering. And so Bitmask was born from the idea that there was no wireless and RGB ecosystem then to actually figure out if...

6:21 RGB really works. No web, no web wallet to be specific, right? There was an iOS wallet that was on Signet and back in the day there was Iris Wallet, which was good by Bitfinex. And so it was like us, Iris wallet and Bitmask back in 2022 and all of that. So.

6:40 Essentially, I'm excited because we eventually have an RGB that's actually functional that people can actually use in production that is not reckless. Right. And yeah, I don't know if that answered the question.

6:52 Okay, so what year was that? Like when you actually did the first version of the app?

6:59 We started working in 2021 before we even became a commercial opportunity. So we started our experiments in 2021. I think we started working on the wallet itself.

7:15 in 2022. I think if you're gonna go through our medium articles, you can find like the really OGOG versions when Bitmask was still in like bluish color, it was with different logo, it was basically like when we start doing the...

7:31 Signet test transfers. So I feel like yeah, that was that was in 2023 because I have the post on my Twitter the first RGB the first non-fungible transfer of RGB assets. We did that in August 18th, August, sorry the 18th of August 2023 because I remember I was in Los Angeles. I was having a Yaman

7:57 launched with my friend and I had my computer who were talking and I tried it and it worked. I was so excited, right? And it's a, it's been a long time just in that you can do the fast transfer. So you can do multiple transfers and you can do swaps and you can do all these nice things that RGB has to offer.

8:14 Yeah, great to see how far the protocol has come till now.

8:19 And yeah, hopefully next year, I think it can be like RGB year. So I think we're about to see a lot of exciting new things coming to the ecosystem.

8:31 I think your

8:35 Can I say revival?

8:36 Like your revival came at the right time because yeah, some very good things are coming.

8:44 The quiet year: why Bitmask went stealth

中文

8:44 What happened in this year? What happened with your quiet building, if I can say, and what changed with the new version you're about to present?

8:56 I will say probably the first part why we decided to go in a quiet mode and Gideon will tell you what has changed. Because I feel like since you can see we started really early.

9:09 And every time we were trying to launch and tech wasn't ready, the community was also taking it as a mistake. From our perspective, it wasn't the mistake, it was the experience. It was trial and error, working with the tech, which wasn't ready. And that's why after I feel like we launched the Ugonis GOAT.

9:31 We've decided it's time for us to start building in a quiet mode, not focusing. Like we listen on the opinion of the community, what our community was saying us in the past. We were highlighting all the errors we had in the past, what we need to rebuild and et cetera. And we just decided, okay, instead of like over promising something or giving like announcements and not being able.

9:56 to deliver it, we just went in the stealth mode. We're like, okay, we better gonna stay silent. We're gonna build everything. We're gonna finalize on the key moments. And the thing is in will cover now more tech parts, what has changed and what has been updated, what has been revealed. And I would say, because I'm not the tech pro as the guys, but I can see the amount of notifications. I would say everything was revealed. And it's what we were focusing on just to come back to.

10:23 the time when USDT is finally getting on Bitcoin on RGB and when we can see more and more moves starting to be in the community. So yeah, I feel like it was the perfect time for us to get back and to start speaking more and also to start bringing the attention back.

10:43 Yeah. And I is very good in making things sound nice. So essentially, you know, it's like in 2021, we raised from like some of the best VCs, you know, 2021 and the three.

11:03 and

11:04 You know, if you look back into the really, really older versions of RGB, right? We've had the versions change dramatically, where we had, you know, changes, when the changes happening on the protocol level.

11:19 then you will have to rewrite the wallet completely again from scratch. So there was no way to ensure that the order APIs were compatible with the new APIs. Why was that? That was because, I mean, technically I would say the main thing was that RGB was really not ready. To a very large extent, RGB is a concept that Giacomo [name unclear] came up with, and then we believe that we can do it as Bitcoin. And there were so many things that needed to happen for that to happen, right?

11:46 including having Taproot ready and so many other like custom.

11:51 custom code that needed to be built. Right. And I think that, you know, while all of this was happening over time, we're able to like, we'll try to launch as a company that was very, very active, you know, speaking with a community, you know, there was a day we had a hundred thousand downloads in one day.

12:06 And you see that people really wanted to use what we were showing them, but then the technology was lagging behind. So like having to like work again in public and to bring things back again to life and try to show that things are working, it was really, really hard, right? To really figure out like the RGB was working. However, today...

12:28 RGB 0.11 versus 0.12 and what changed

中文

12:28 When the split between RGB 0.11 and 0.12 happened, I think that was one of the most important things that happened in RGB. That's why we have RGB ready today. Because the RGB 11 team community, which we are part of,

12:43 We focus on what can we do to actually make RGB production ready, to make RGB commercially ready. I mean, one of my best investors.

12:52 my favorite friend who gave us a decent amount of money, he told me that we are literally doing a science experiment. And that was what RGB was before we moved to 0.11. Because it was a decision where that, hey, we have to move away from having a science experiment to actually showing that this science experiment can actually become something that the market can use and generates revenue. And so once we was time to move,

13:17 we decided that it's best for us to actually conserve our energy. You know, we've done enough community work, go back to the drawing board and actually focus on the things that we need to build on the fundamentals to get these things working. And as a result, roll out RGB functionalities face by face while the other members of the community were doing many things. And luckily, my friend Victor joined RGB.

13:42 with the throw with UTEXO. Victor was actually in San Francisco recently and we spent a couple of days together hanging out.

13:48 And so it's like seeing that RGB is moving towards a different direction now from where it is. And I'm very, very bullish that next year is going to be phenomenal. And so what we focused on is essentially making sure that RGB is actually working on chain, at least with our wallets. It works with other wallets, but how you can ensure that you build a cypherpunk.

14:11 product, not just something that people can, hey, anybody can spin up an Excel sheet. You know, if you want to spin up an Excel sheet, why not just go use Solana, right? But really having something that everything validates on chain tied to Bitcoin is where it is and it's production ready. So that's what we did. What we focused on the past couple of couple of months and then making sure that the wallet is very, very reliant, right? So that you can use the wallet. We keep improving the wallets. In fact, I just sent something to Chrome store a few hours ago.

14:40 And so it's like, how do we ensure that the wallet becomes top tier wallet that serves very specific needs for Bitcoin native assets?

14:49 Three products at once: DIBA, Carbonado, RGB20 and RGB21 中文

14:49 And I would also add probably to Gideon's point because we don't have just Bitmask. I feel like if we had only one product, it also would be easier. Keep in mind, we also have...

15:00 DIBA. We also have carbonada because we were initially like building and ending the products to everything we are working on to create a proper infrastructure. Because every time every move of our journey, we started with DIBA marketplace like, okay, amazing. We don't have a wallet. We don't have a wallet for people to really buy UDA. We built the wallet. We built the wallet and we were sitting there and realizing, okay, amazing. But we also need the

15:26 the storage for the items within the wallet, but we don't like anything what exists on the market and what really answers the request we have and the users have for privacy and being associated, everything being associated with Bitcoin and being kept on Bitcoin. Like, okay, let's build carbonada. But also on top level, like RGB smart contracts, they initially extremely complicated. And can you imagine also to cross connect?

15:51 all the products and make it work. Also like using, utilizing RGB smart contracts. So I feel like it's also was partly all the reason why we went to the silent mode. Cause guys needed to focus not on one product, but at three at once. And let's say on RGB 21, RGB 20 and the rest of the items to all work smooth and simultaneously.

16:14 Yeah, yeah, I think as we were saying before, the the protocol itself has done like some major progress in the past year. So I guess it also makes it easier for people who are developing wallets and other type of apps right now to actually use RGB. Like I understand that at the beginning as like I really very much like your metaphor of science project.

16:41 Because yeah, at the end of the day, it's when you want to create something innovative, that's what it is. It's a science project. And then at the beginning, you place a bet on it. But yeah, we know that it takes a lot of time. If you want to have good products, if you want to have a secure protocol, and yeah, good things come with time. So we all know that.

17:04 Demo 1: the GOAT collection on DIBA

中文

17:04 Very accurate. So I see people that are sending a lot of goat emojis here in the chat. You know it. I guess this is the right clue for you to start the demo. Because let's see what this goat is because people are writing goat and sending a lot of emojis. So let's start with that.

17:29 But the demo, so let's

17:32 Oh, this is beautiful. Yeah. We're already on a one of the wallet pages. Okay. Yeah. So I'm the, this is staging. Okay. Let me go to.

17:47 So, you know, one of the things that we are doing with Bitmask is that I'm personally really, really inspired, right? With how, you know, Bitcoin was launched, which essentially is on Bitcoin, we have like the Genesis blog where we have some kind of depiction of art, right? And I think that, you know, depiction of art and telling a story is a way...

18:13 to like really show what is happening, right? And he said, we're to like bring community together and actually put, how would I call it? Put a landmark flagship, right? We put a flag, plant a flag on the floor and say, hey, this is the story. This is how things have unfolded, right? And I think the GOAT collection, you know, collect brings all of these together, right? So what we did in the beginning, when I raised the first check from Tim Draper, we're only trying to do art, right? But today,

18:42 DIBA and Bitmask were really focused on art.

18:45 an RWA on Bitcoin. And with art and RWA on Bitcoin, these two things are two things that's very, very important, right? So the Goats collection.

18:53 People are already maintaining it. We started the mint early and then we paused it. And now you can see it's the GOAT collection really is a Bitcoin story. So there are 10,000 collective collections.

19:08 Each of them is one of one unique digital asset. Right now, one of one unique digital asset means that it's not just a collection, but these are very, very unique individual assets that are essentially genesis. The genesis is etched inside.

19:25 Bitcoin blockchain. And I think it's really important for people to understand why this is really, why this is.

19:32 Phenomenal is because everything is happening on chain. So Bitmask Wallet itself is completely...

19:38 non-consodial. So you are going to see when I do the swap test, whenever there is a swap, the asset moves to the other wallets and then the Bitcoin moves to the other wallets instantly. There is no like, hey, node or whatever, or that, hey, we're passing things through things or you have to withdraw your assets. There is no withdrawal of assets. Everything is instant on Bitcoin. And as you can see, for example, this specific goat, we can see the RGB Genesis contract on it.

20:04 And if we dive deeply into like...

20:07 why all of this is happening, right? So the GOAT collection again has is 10,000 assets.

20:15 So, but we have 10 different subcategories. So there's the first 1000 that talks about the burning bush. So it's like talking about the early beginnings of things that happened in Bitcoin, the early, early days of Bitcoin. And as you meant along the line, the different subsections of the go to be revealed as people are minting as we go all the way from the first 1000 to the last 10,000. So these are very unique assets that are meant to tell the Bitcoin story.

20:42 why and how we got to RGB and where RGB is today. So I'm personally very excited about this asset and I think that the market is going to price it the way it's meant to be priced.

20:54 As we go into the demo.

20:56 I will now go into the demo.

21:00 Demo 2: wallet and RGB Vault (testnet)

中文

21:00 by switching my screen, I'm gonna change my screen to a different screen, which means that...

21:09 I'm a, I would say, yeah, yeah. I would say from testnet.

21:16 Okay, let's go to this one.

21:22 Okay, yep.

21:23 You can see this one, right? So, I'm...

21:26 Ah, let's pull up the wallet. So every time I pull up the wallet, technically, I always prefer to go to the full mode, right? The full screen mode is the best way to know, you know, what's happening in the wallet, is the best way to look at the wallet and the activities you can see here. This is a some good, why have I been in collectible here? I'm going to the collectible. So in the test net, this is a test net wallet. In the test net, we of course bit mask is a cat, right? So we're using cats, we're minting cats and using cats to play around and test and see different things.

21:55 Each asset, of course, you can see the, you can copy the contract. You can copy the ID of the asset, right? So you need, every time you see an RGB asset, always look for the contract, always look for the ID, because if not, you are probably not holding a real RGB

asset. So as we asked, RGB takes off. I think it's really important for the community to really look into verifying, is this an RGB asset or is this not an RGB asset?

22:25 And one thing that is really important in the wallets is when you look at the RGB assets and the managing invoice and transfers, right? So we built an RGB vault, which I think is the most important part of the wallet. While it loads, I'll explain to you what this is really about. Bitmask currently is one of the only RGB wallets that can accept BTC from whether Caproots or SegWit or any kind of Bitcoin implementation, right? So we can send and receive

22:55 from every wallet. But what we did is that we separated the general Bitcoin wallets from the RGB specific wallets. And we call the RGB specific wallet the RGB Vault. The essence is this, we want to make sure that you never mistakenly spend your RGB assets. So.

23:12 If what happens is that you have to go in and set up and initiate your RGB Vaults, which essentially is where your assets are all going to be stored. Your RGB assets are there. They're always there 100%. You cannot lose them. And then you can actually go to your RGB Vaults and see how the things are performing. You see how many UTXOs you have. You see what assets is tied to which what assets you see your invoices, right? You see the invoices.

23:38 You see if they are completed, if they are paid because like this essentially also is one of the things we figured out on world building and troubleshooting, helping people manage, hey, what is going on with my invoice? Is this invoice paid or not? Do I have any transfers going on? Is my transfer spending? Has RGB stayed been accepted? Because like when you're making an RGB transaction, RGB is going, there's also like Bitcoin is doing its thing, RGB is doing its thing.

24:03 There's RGB state, there's RGB stock. These are a lot of things that a very good wallet handles behind the scene. And so you have to make sure that all of these things are on sync. And one of the abilities of RGB.

24:15 is that either RGB works or it does not work. Like when you're trying to make your transaction, if the history of the asset is valid, then the transaction works. But if the history of the asset is not valid or someone tampied with it, it's not going to work. So this is also the same concept that we took in and we implemented inside the Bitmask P2P Atomic Swap. Our Atomic Swap, our listing is all or nothing.

24:41 There is no escrow. You don't need any escrow. It is me. I'm trying to sell. I list it so we're able to build a scriptless B2B atomic swap where you can actually list and sell to the other person. Everything is just one click. But then there is no middleman.

25:01 In that sense, we do not take any fees on our P2P atomic swap. The idea is that people can actually exchange assets without anything.

25:09 without a middleman. So like the transfers, you see the offers, you see the bids. So I can make a bid and then somebody can make an offer. When I make an offer and the offer is complete, somebody completes it and then the asset switch itself. So the RGB vault is the one of the most important places that once you become a power user, I would love you to

spend more time on this. Now, if I go back to this, right? One of the key things that we did is that, hey,

25:35 Every RGB asset,

25:38 is attached to a Bitcoin UTXO.

25:40 but to begin to launch goats.

25:42 the first on-chain atomic UDA or unique assets with RGB.

25:49 It's important that we make sure that like every RGB, every UDA contains 1000 SATS. So we bind the asset, the unique digital asset to 1000 SATS and giving it not just the other at value, but also an inherent Bitcoin value. Think about it this way, right? When you're using RGB and you have UTXOs in your RGB Vaults, you are also huddling.

26:15 you're also keeping your more Bitcoin, you're also stacking more Bitcoin. So essentially the more you use Bitmask and you use Bitcoin, use RGB assets, you are stacking Bitcoin and you keep stacking Bitcoin. We have a lot of things to do down here, but we're gonna like get down to it. So that's the wallet you can send and receive. These are the activities. So again, when you go to the token staff or the collectible staff, always look at the manager RGB invoice or you can click this button here to get to it.

26:42 Now, what I'm going to do is I'm going to go into the staging and see, okay, so see what I can do with the staging.

26:51 in me one second.

26:53 Let's get into it. I will probably share a screen so that we have.

26:59 Okay, one second, this is my.

27:05 my note and then this is, we'll go to station here.

27:15 Demo 3: P2P atomic swap, listing the asset

中文

27:15 So now I will walk you through what it means to do an atomic swap.

27:18 and by sharing two screens which I'm preparing.

27:24 Give me a second.

27:27 Alright, well the new UX looks pretty cool. I see you guys remade a lot of things.

27:35 Definitely from the initial.

27:39 form that you had.

27:42 Yeah, thank you. We're going to talk a little bit about this as well. The UX is super important, I think, for the final users, especially for people who are not super geek.

27:53 It's important that they have something really easy and...

27:58 you know, immediate to use.

28:02 So I think that's the direction that the whole Bitcoin ecosystem and also the RGB ecosystem needs to take.

28:12 Yeah, that is very accurate because I'm a...

28:17 You're making things easy to use is a direction we are going with everything we're working on. We want to make it very easy for people to use.

28:27 Quite often we speak with several people in the...

28:32 Okay, let me see what I can do. I'm trying to share two screens, so I will have to keep this a little bit small and see if I can cover it. Okay, yes, I can. Yeah, I guess you need to show the whole screen for that. Let's see. All right.

28:47 I'm trying to share my whole screen.

28:50 This is one of my my school my program I understand so is it can I can I keep going now?

28:56 Please

28:57 Okay, so this is like the Midnight Wallet. It's one of the GOATs I minted at 26. I like it 26. And God has got 91 who are using to test.

29:08 So let's get into it.

29:10 right

29:12 staging here. Let's go to our explore page. You can see you're looking at seeing the assets that I have in my wallet. I see in all of these. So what is going to happen, right? I'm going to list this test code 8688. I'm going to list it on the marketplace for sale. One thing is this, right? Like when you are listing your RGB, when you're listing your UDA on our RGB assets for sale, you're making a, you're listing an offer.

29:38 There is no fee.

29:40 there is no transaction fee. So what happens is that you are preparing this bundle of assets, you're binding them, setting them up and then offering them for someone to buy. So you're just signing a transaction, right? So when you sign this transaction, anybody,

29:56 can come in and buy this asset. Now the person that is buying the asset ends up paying the fee.

30:02 Right, he pays a Bitcoin fee and he goes to Bitcoin maintenance. And once the transaction is confirmed, he switches to each other.

30:09 So I'm going to come in here and...

30:14 see let's list this UDA. I hope my vault is funded. So you have to fund your vault. If your vault is funded then you have like UTXO that is ready to move and so you can move it. So to list this UDA, one thing that we did is that since minting on DIBA right now with Bitmass is

100% free. But when you want to sell an asset, right, let's say I want to sell something, there is a minimum price, right? So the minimum means that

30:39 you will make at least 7,000 sats by minting your acid and selling them, right? So.

30:45 The minimum, anybody that wants to buy, must buy for at least 7,000 sats. So essentially...

30:52 by default, all assets that are minted have a flow of 7,000 sats, right? And so.

30:58 Now I'm going to make the list of the fixed-break fixed listing.

31:03 7,000 sats, I will put maybe not 7,000, if I put less than 7,000 it's not gonna work, right?

31:11 You need to list for 7,000 sats. Oh, I just saw something I need to fix, right? Because this is showing.

31:19 by 7,000 sats minimum required. So it's 7,000 sats minimum is what that should be offered, right? So let's say 7,001 sats. This is what I'm selling this for. So I'm not paying anything. Listing assets again is completely free. So I continue and then I assign to authorize it.

31:41 and then I should come back to it.

31:44 is sinking asset wallets. So what happens? This is really a very important question, right? Because when you, what this wallet is doing now is checking your wallets, the history of that asset. Do you have this asset? Do you have all the transitions that have happened? Do you have the provenance of this asset? And once all of this is confirmed, then the asset can be listed. But if all this is not confirmed and there are some issues somewhere, the asset will not be listed.

32:09 So this is what happens to get the asset listed. So the asset listing is ongoing and by the time it's done, it should be listed. Let me see, I can probably, one of the things that you can do is also to inspect. You can look at your console and you can see what is happening.

32:26 in the background.

32:29 seeing if there's how your asset is behaving. Yeah. Most demos are actually go for it. Cause I, I listed one today. Let me try my, try my screen again.

32:40 So that's fresh what I have here and then let's go at it again.

32:46 I have my vaults funded, let's be sure.

32:51 Yeah, I have a sense here. So.

32:54 Let's

32:55 list these assets

32:58 Liss you, DJ.

32:59 feast.

33:02 Go again.

33:06 See, 8,000 sats.

33:09 Then authorize, I'm authorizing.

33:16 Okay.

33:18 Okay, yeah, it's listed already. Yeah, so sometimes if something doesn't work out, just refresh and it authorizes. So like if I remember like somebody was asking me like, what is the wallet really doing? You can see the wallet is like doing a lot of processing. This is like literally the Genesis contract, which you can see if you try to like become a developer and open into what's going on. But you want to understand that like your asset is actually your, everything is computing.

33:43 on your device. So because Bitmask is local first, so there is no hey, there's a no, there's no centralized thing at all. Everything is essentially competing on your device against the Bitcoin blockchain and then the RGB library. So once it's successfully successful, your list, if something does not work out, remember, refresh, refresh, do it again, it's going to work.

34:06 Demo 3 continued: buying and swap settlement

中文

34:06 Now this asset has been listed, I'm going to go into this page.

34:10 and look for this asset, look for GOATs 8688.

34:16 So and see if I can buy it, I will believe I have some, some, some, okay, let's see, let's see, look at that. Look at, look at the one I just listed now. It's eight, eight. So it's listed for $4, 8,000. So this guy paid nothing, right? But even the one buying it, the person buying the asset will have to pay.

34:37 the 8,000 sats plus the Bitcoin transaction fee. And then what happens? The assets will swap places. I'm going to show you my wallets here now. I look at my collections. I do not have this asset in my wallet. It's not here. It doesn't exist in Bitmask.

34:54 I want to buy it. Now in this place I have

34:58 Oh sure you, I have pets inside.

35:00 That's in thousand sats.

35:02 However,

35:04 Am I...

35:05 I have this asset. So when we do the swap and the swap is successful, the Bitcoin from this wallet comes into this wallet while the asset from here goes into this one, goes into.

35:18 into this place, right? So this one gets it and so that's what is gonna happen.

35:22 Let's get ready for the swap. Let's make the swap happen and watch as the assets exchange hands.

35:28 And all of these eyes all on chain.

35:31 Again, and so here I go. I'm buying the assets, tells you the purchase, gives you the information. I'm like, yeah, acknowledge. It's one of the things that we just put here is really irrelevant. Okay. Now the swap starts. While the pop-up comes up, I'm signing my pop-up. You can't see me signing it, but I'm signing it. And then it's important to contract. So you see, it's like, I can, I can literally try to open the inspects thing. So you see actually like

36:00 It's a lot of like really things going on and it's going through the system. It's important the contract is 50% complete. It's sinking the wallet. It's making sure that provenance is correct. I think this is a very, very important thing for you to see in Bitcoin because if the provenance is not there, then you are probably working on an Excel sheet. So it's really important that people work like if you're using RGB and it's on chain.

36:25 it makes sense that it's literally working the way it should work because eventually when the agents come in and the agents are all looking at, "Hey, what assets should we get into? What assets should we buy?" The agents are going to look for what is on chain. Agents are not human. Agents don't lie. So you see what happened here instantly? There was a swap. The asset left, the UDA left the wallets and went to the other wallets. It shows complete.

36:51 You can view this transaction on Mempool

36:54 Let's go to the mempool. We can view the transaction of mempool and you see how we changed hands. And then let's go to my wallet. Let's see my wallet. You see pending. I sent some money. This wallet has reduced in value. Now I have the assets. Now let's go in here.

37:10 I have more BTC in here. So like this essentially is how the P2P scriptless atomic swap works. This is phenomenal. This takes a lot of work, a lot of testing to make sure that you can make this work. So every time this works, I get very happy. And the idea is that people can actually have a real market in the future that does mean no one can freeze. No one can take your assets. You have full control over your assets.

37:37 Demo wrap-up and mint status

中文

37:37 And what is Nest?

37:38 We're working now to bring USDT to Bitmask wallet together with the UTEXO team. And I think that we are going to start seeing people buying and trading assets, UDA's with USDT. And there are a lot of other interesting things that's going to come in, which I prefer to keep to myself for now or else Mary decides to ask me. So Liz, so that's pretty much what I have here for this.

38:05 demo. This is the cool thing I want to show in the demo.

38:08 I'm a, let's go back to what I have here, yeah.

38:13 Do you have anything else to show?

38:16 - You know, I could probably just show this, but it's just my wallet, my GOATs, there is nothing specifically, this is my wallet, my GOATs, you know, there's nothing specifically I want to show more. This is perfect enough for now. For the people that are going to go mint, once we open the mint again, 'cause we post it.

38:38 Again, we pause the meeting because we got

38:42 All the things I showed you takes a lot of like capacity to handle, right? So our, our bare meta server got too much, too much traffic and we decided to post the minting. We're going to reopen the minting again this week. And once we reopen it, the minting just going to go. And then you can mint, you can list immediately. People can start trading and buying your assets. I suggest that it makes sense for you to list your assets so that people can buy them.

39:08 and you can swap and experience the P2P atomic swap on Bitcoin. 'Cause when you do that, you create more provenance for your assets on chain. And a provenance on chain for your assets is probably the best indicators, especially for when AI agents or super intelligence comes and takes over the world. That's pretty much it from the demo. Thank you.

39:31 Why UDAs? Naming and the art thesis

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39:31 Thank you so much, Gideon. You actually were pretty complete and you answered a lot of my initial questions that I wanted to ask you. So that's pretty cool.

39:43 So let's go back to the start actually. So why would the UDA like why NFTs? Because I mean, you mentioned of course, USDT so you...

39:56 to integrate also fungible assets, I'm guessing, other than USDT.

40:01 So let's talk a little bit about this. Like why are you focusing on new DAs right now?

40:08 and what are the plans for the futures in terms of asset.

40:13 that you're going to integrate.

40:16 Yeah, that's a great question. Drum roll. I remember that. So, you know, when we raised our first check, right? My first product was never Bitmask. It was just our first product was to build art on Bitcoin. I love art. I believe art. I mean, most of my friends in Los Angeles are like really phenomenal artists. That's why Goate was made by a very, very famous artist. So I think that art

40:41 as some cultures, like when we think about humanity, there's a quote that one of, I think it was by Steve Jobs, that in the world where there is abundance.

40:52 then what is the future kids gonna do? Everybody, humans need to work. Now, if there is abundance, what are we gonna do? We're gonna be making art, we're gonna be making poem, we're gonna be being creative. And so I think that art is like a very interesting thing to introduce with what we are building on. 'Cause essentially think about this, right? When AI agents come, the first things they are gonna be buying and selling is like,

41:17 assets, digital assets, right?

41:20 And so I believe that, you know, UDA is a way to make this happen, right? And so that's why we raised the first check was that I'm working on Goats, like UDAs. By then, back then it was called RGB21. It was just called NFTs, right? And, you know, in that process, I was like, hey, I don't want to like call our RGB assets NFT. NFT does not make any sense. My mom doesn't know what NFT means.

41:45 And I was thinking, what should we call the RGB21 asset? I'm the one that came up with the name, unique digital assets. So I was like, let's call it unique digital assets. And I came up with that in one of our dev calls and it's a very interesting time. I think it was in 2022, we said, let's call it unique digital assets. And then that was the history, right? 'Cause like we also like had funded some people to build.

42:11 the UDA schema, essentially bringing it down. So I can dive into the details of like why the UDA schema is the way it is and how we help design the schema and why we funded that, right? But I think that's...

42:24 UDA is the, for me personally, I like to do things step by step. I think UDA is the way for us to do it best. And I'm very, very grateful and thankful to the UTEXO team with data, they came in and they're completing the other parts, which is very, very important because without USDT on Bitcoin, UDA will not get to its perfect value, right? Without USDT on Bitcoin, we will not be able to do other things like tokenization. So it's like, you are, you, you are,

42:56 helps us build more of a full secular ecosystem on chain and over lightning that actually makes it better and prevents, you know, craziness from happening. For example, like with the other thing, you know, Casey's my friend, you know, been on Casey's podcast back in the day here in San Francisco. Casey lives in the Bay Area.

43:15 I'm a

43:17 or the notes essentially

43:19 you know, I knew from the beginning that it's not gonna go anywhere, right? People who are gonna make money, but it's a question of, you wanna build something that is gonna outlast you. You wanna build something that the next generations can hold and use. And that is a very, very good example of what Bitcoin does. And so how do we work around the ethos of Bitcoin to build things that can pass along for generations? And that's why we're starting with UDA's.

43:44 And that's why the first unique digital asset that is mintable on chain, or RGB, is actually GOAT that tells the story of what happened within the Bitcoin ecosystem.

43:56 Okay interesting answer because

43:59 The thing is, NFTs were really cool a few years ago. It was, I think, until 2021 or something. Everyone was talking about blockchain, NFTs, tokens. I want to be a little bit provocative here. Do you think it makes sense to actually still talk about tokenization and also...

44:22 Well, I understand the...

44:25 How can I say the new art coming into Bitcoin RGB? And I understand like.

44:31 your discourse with this new NFT. But like when we think about actual maybe tokenizing real art, for example, like paintings and stuff in real life.

44:43 Do you think just doing a wallet in a marketplace like this is sufficient?

44:48 At the end of the day, you still need the regulator to actually validate the ownership of this asset.

44:58 Do you think that at the end of the

45:00 day? Is it something?

45:02 that we need to work for? Like, is it something that will come? Or do you think people will just continue with like creating NFTs just online and using them online without like tokenizing real world assets?

45:18 Yeah, I think that's a great question. Also Anna, go for it. Yeah, I've talked too much.

45:31 I feel like here we are moving towards more phygital items

45:36 Yeah, if you're going to have a look into the art world, initially, why many artworks are still kind of counterfeit or something? It's just because some of the art pieces are still outdated databases and there was lots of research and they were doing proper research.

45:53 how the documentation was, and it's how even counterfeit.

45:58 in the galleries. Obviously art is a big value, it's used for different purposes let's say in terms of the tax rights or some other stuff but if you're gonna

46:10 look at the art why but that's the reality like the art increase on the auction houses but we're not gonna go deep into this topic for this we can have a different podcast

46:27 You're going to have a small technical part and here I feel like digital

46:32 items, it's like the perfect because in this case, okay, you're going to still have kind of, you are even going to have still kind of

46:41 ship on your painting which you can verify which we have done already the experiment like this uh i'm not sure but some of our members know they were just they were

just talking to me right now i'm the guys from los angeles the Phygital guys it's a phenomenal team with lots of access to top musicians in in los angeles in hollywood that they want to do use the physical item

47:06 And Brana, please go ahead and talk, explain more about that. Yeah. So what we have done as an experiment and we have been presented some of the tapes. So the whole idea was of digital items. It was a tape. And when you were tapping with your phone, bit mask wallet was opening with the soundtrack of the artist. So we have done this experiment. I think it was in Miami.

47:28 the

47:34 And it was lots of interest. I feel like it's got on pause because you can see we kind of preoccupied ourselves with all the industries. And I feel like it's not just about the industry.

47:47 Since we needed to go quiet for a year, I feel the excitement for the technology and the possibilities of what is possible.

47:57 Um

47:58 kind of make us go a bit crazy because we were interested everywhere in all industries how like whole system and how infrastructure could benefit different industries because we're also getting the

48:13 from these industries seeing the possibilities.

48:18 about the digital art. Yes, it's up to you. Well, and because you would be able to

48:22 the

48:30 like we have done like like the Gideon showed the demo now of the gold but obviously it should be like just extra documents encrypted or added it's all

48:43 delivery notice.

48:45 I feel like here it's already little parts that could be updated to make it possible. But yeah, I feel like there is desire for it and still already requests for it. And yeah, we also tried it. Been there to try it, still interested to do it.

48:59 Yeah, everything is coming back. Yeah, I mean, on the one hand, it's it's cool that, you know, there's there are projects like you guys that are actually making it possible. Yeah, we're just thinking that.

49:15 Yeah, we need to see how the market goes at the end of the day because yeah, it's cool that we can put assets on Bitcoin and it's cool that we can verify them and tell to someone, hey, this is my piece of the Mona Lisa here. I can sell it to you. But at the same time, I feel like right now we still need some legal

49:40 institution to validate it. So it will it would be cool to see a market in the future where people will just trust Bitcoin with this and actually there will be no more need for some

institution to validate it at some point. So we'll see. We'll see. Very still. It's a very interesting news case.

50:02 I will just end on, I'm sorry for interrupting. There are some already regulations because you...

50:09 one of the London galleries, they were selling some digital art. So I forgot the name at the moment, I'm not gonna lie, but they were one of the first ones who were representing NFTs. So we're doing an auction on NFTs.

50:24 exhibition on NF and also they were selling some artists as a phygital art.

50:29 So I do think there are some regulations in place. I think maybe in the US and Europe or Asia, they would differ.

50:38 been summaries done on this end.

50:42 Okay, that's what I said. So if the market is interested that we will see some interest in it. Nice. Thanks. Thanks for saying that. So something is moving.

50:52 **Community question: auctions and other asset types** 中文

50:52 There's actually a question about this from the Telegram chat.

50:57 It says in the real world, auctions use a wide variety of mechanisms. For example, sealed bid, second prize.

51:07 Has the team researched alternative auction models that might be more appropriate or efficient for various kinds of digital GOATs other than artwork? If so, what were your findings? So I'm guessing he's asking if you have made some research about like other things rather than artwork to tokenize with your project.

51:30 Yes. So I mean, that's a kind of a little bit.

51:36 - Yeah, yeah, that's a great question. I mean, if you looked when I was listing the asset for, go and list your assets, you will see that you can list for a fixed price, which is what we have now, or you can list for an auction. So essentially, next year, we're gonna release the auction again on change so that people can, many people, multiple people can beat. We've done some research on those kinds of stuff. You know, I think this is just the beginning, right? One thing I've learned in this whole period is to take things one after the other.

52:04 you know, trying to do everything at the same time is not going to work. We have a very big vision. You don't know how massive the vision is.

52:11 we want to take things one after the other, get something working very well before we move to the next stage. I think that I'm a tokenization, and maybe in fact one of my investors, his phenomenal, he did billions of dollars in the capital markets. So it's like we are paying very, very good attention to this. And I would imagine that he invested in DIBA, in Bitmask. This was way back, way back in 2022.

52:36 You know, he invested in us because he knows where this world is going. Right. And so there are like a lot of things that is going to happen. And the most important thing is that we are able to get these things working fundamentally on the first principles.

52:49 Closing philosophy: optimize the function, ignore the form

中文

52:49 I will leave and by saying my favorite quote, right? My favorite quotes that I've always kept in my head.

52:56 Optimize the function, ignore the form.

52:59 Now, optimize the function ignore the form means that

53:02 Like.

53:04 the utility of something like how people use something would always change. The form would always change, but the functions need to be optimized. For example, let's say money, right? Back in the day in Africa or in everywhere in the world, we used cow rays or maybe even stones as money, right? People would need that money. There was a need to have money, but who is in stones? Then all of a sudden it became coins. Then all of a sudden it became paper.

53:29 all of a sudden it's now on digital. All of a sudden people are doing, oh, blockchain, blockchain, blockchain. I like to do blockchain like this, record of blockchain, blockchain, blockchain. But essentially the future of all of these is going to be on a platform, or let's say specifically Bitcoin that no one can actually break that is censorship resistant, that is free to the world that can be verified by AI agents and they're approved. And so

53:55 What we are really going to focus on is how do we serve humanity better? How do we serve agents better with real technology that actually is safe and secure to use and can actually secure global economy and global wealth and help move wealth around the world without a middleman peer to peer. And I think that's what really RGB community is about. And that's what got me excited in RGB since 2021 or 2020.

54:21 And I'm still excited till today. So nothing has changed. It took a long time, but we're finally getting to the place where we can start bringing this value to people.

54:30 Great, great. As I said, you're super bullish. So it makes me very much excited when you speak, just like transmit this full energy about RGB and the ecosystem.

54:43 Backup, seed phrases and Carbonado

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54:43 So I will ask a couple of...

54:48 like more technical questions. I like that you talked about like the verification of the asset and that people need to go and check the IDs to make sure that it's a real RGB asset.

55:00 that it was minted the right way and so on and forth. And I want to ask something that's really, really dear to me as well. What about backup?

55:10 because like

55:12 How does bitmask handle backup of data? Is there a specific thing you can say about it?

55:19 And yeah, yeah, let's say, sorry, just to ask one last thing. What if people lose the seed phrase? What happens to the data of the asset? - That is a phenomenal question. Right. And so this is a question that we struggled with back in the day, 'cause when we were working on Bitmask in the early days, there was ordinals and all of that. And so we struggled with the question of like,

55:45 What is the asset like? Like where is the asset stored? How do you do back home? What if you lose something, right? What if you have your seed phrase? How do we make sure we connect the UDA to the seed phrase and it moves across wallet and it's still the same thing it maintains the properties of Bitcoin is peer to peer, it's decentralized and all of that. And so that led us to build Carbonado. Carbonado was built by one of our early engineers.

56:10 I call it very eccentric.

56:12 very, one of our very eccentric engineer. His name is Hunter Beast. People know him as the guy that did a BIP 360, the Quantum Bitcoin BIP 360. He's the one that designed BIP 360, was one of our earliest engineers back in the day, Hunter. So, Carbonado essentially is a...

56:31 it will call it the storage for the truly paranoid. So if you're paranoid about the future, that's what you should use Carbonado. So Carbonado essentially is what we built. It's open source. If you go to Carbonado.io, you can see Carbonado there is open source. So Bitmask uses Carbonado to store all RGB stock, RGB assets. So what happens is that your RGB stock is encrypted and is encrypted by your private key.

56:57 Right, so everything is encrypted. Your private key can unlock everything in sequence. So every transaction you are doing, you're actually unlocking, encrypting, and backing up yourself, right? All at the same time when you're doing that with Bitmask. So there's a lot of engineer, it took a long time and it seems like this break, but because there are so many things happening in between layers.

57:18 Each one has to work perfectly at the same time for things to work. So essentially, Carbonado is the storage that we built.

57:28 to help.

57:29 you know, store RGB assets and then back them up and then, you know, move them across the marketplace and make things work. I mean, we might probably have to do a special call for Carbonado and then I'll bring Hunter in. It's going to be a very funny one. And then yeah, it's going to be especially, it's their whole products on its own. Yeah. So yeah.

57:49 Yeah, we will talk about it for sure then in the future.

57:53 So people remember Ereda so we can go back to Gideon and ask for it.

57:59 Lightning, legacy wallets and interoperability

中文

57:59 So nice. Okay. So nice to see that you're also, you know.

58:04 focusing on this.

58:06 And just to, yeah, we are approaching like the end of the call just to be like 100%, like.

58:16 How can I say to specify everything like bitmask is right now, of course on mainnet, but on the blockchain like on sorry, on Bitcoin mainnet.

58:30 So the transactions are actually on the blockchain, not on Lightning.

58:36 Are you thinking about integrating Lightning as well?

58:41 Yes, absolutely.

58:45 I want to say thank you for the question and I wanted to say about our

58:53 As Gideon mentioned before, we are to do one step. So our main approach is to...

59:02 reliable, all-air vision first and all the other things

59:06 to the lightning transactions and like settlement infrastructure. So the whole idea is, we're also starting with UDA because of the energy we took time to develop. And as we mentioned at the beginning of the call, we literally rebuilt during this year to be absolutely realistic, we rebuilt our whole infrastructure layer by layer from zero.

59:28 from zero because we wanted to make sure that all the new wallets are working perfectly smooth. We also tried to crack the code and to see what was the problems with the legacy wallets which were created in the past because also we had the first version of wallets which had 12

59:46 word seed phrase. After that it was upgraded for more security, it's 24 word seed phrase. And after that, especially our users, they can prove. But then we're exporting wallets, something wasn't working. For example, we also, because we had this meet all the first godness gold, extremely small, extremely small collectibles. But the wallets who are holding godness gold,

1:00:09 They, for example, now it would be complicated for them to mint the gold. Would people be able to reclaim it? Yes, absolutely, 100%. Do we need to crack some code to understand what is the argument between layers and some code? All say yes. As you could see, gittians swallowed during demo, you could see goat as gold and they like initial gold. So we found this solution. But it will take some time. That's why we said after the main mint, people can reclaim back their goat as gold.

1:00:36 So that's why of course, will we focus and will we support Lightning Network? Absolutely yes.

1:00:43 Well, Anna, in fact, in fact, you know, that's it. That's a lot. I love the things that you just said now, because in fact, we've already, I can tell you that we've already done lightning, but it's like behind the scene. Right. So we are not trying to bring it out. There's no need. We want to make sure that in fact, I don't know if people know this, we're one of also one of the first wallets. I personally tested bridging USDT using UTEXO bridge to Bitmask.

1:01:08 I think there's a video of it on Twitter. I've already on mainnet on minutes. I did this like with the very, very first version of UTEXO, right? To understand that this is working and this is part of our timeline and how we plan to integrate it, right? So it's like, we've basically touched everything in our RGB system. We know where things are that we 100% love lightning. Lightning is the way to go. Lightning is going to become a very, very huge thing. And so we're just, you know,

1:01:34 taking step one after the other, right? Wake up, do the first step and then keep going. Diana, please. - And I will also probably add to Gideon because I think that was the question I could see within our community members and others. It's the cross connection and support of other wallets, is the transactions possible and et cetera. And of course, yes, it's also our priority. We are open to test more with other community members.

1:02:00 we are happy to support to make sure because I think like here the main problem is it's not that we all on the volume 11. It's also like some kind of the ways the wallets works, what is required for transactions for P2P like small, let's say, but small but many tech things. But of course, that's also kind of our priority to be inter, let's say, connectable and inter supported with all other products in the ecosystem because even at the end of the day, our goal.

1:02:28 is to build the great product for users. We don't want them to be restricted and be a monopoly that they only can use our product, for example, to have UDA or something of this kind. So I think, yes, as we said, we are focused everywhere. And we have done it over the past years. We understood some of our mistakes in the approach, I guess, because of our excitement and the desire to try as many,

1:02:55 let's see opportunities as possible. So now many things are ready, but we're releasing them slowly and taking one step at a time. And now the focus is goals. Who would be back to be minted live because minting is on pause. And I guess I will drop the guide for the new users because I could see more comments like how to do it. I don't understand what needs to be done. So yeah.

1:03:19 That's also great. Yeah, you guys raised a very, very important point. Like the ecosystem at the end of the day moves together, right? Like, yeah, there is competition, but there's also a lot of collaboration. And I'm very, very happy to see that many different projects are now collaborating, even with the new projects that are now being created. So that's great. I think we need to move together. And I think for Lightning, it will be the same, you know?

1:03:46 Community question: how did Bitmask get its name?

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1:03:46 from our developers in the RGB team up to all the projects in the ecosystem who will integrate it. So let's say I have one last question from a user who wants to know a little bit of gossip because in RGB, Bitcoin will love a little bit of gossip because who cares about technical stuff?

1:04:11 That's not us departments. Oh, see you again. And then, yeah, great. We love, you know, Jabi, we love gossip as well, you know. So the last question from our user on X is how did you arrive at the name Bitmask? Like, why did you pick that and what's the inspiration behind it?

1:04:36 behind the name bit. I know that this might take like 30 minutes to answer so guys be nice. So actually right bitmask the idea of bitmask

1:04:56 It was when we realized that there's no wallet in RGB.

1:05:00 wallets and RGB combination. There was no web wallets. This was in 2022.

1:05:03 However, at the same time...

1:05:06 I went through, so Tim Draper is a Bitcoin billionaire.

1:05:11 Tim Draper is a Bitcoin billionaire and one of the biggest Bitcoin investors.

1:05:15 I went through a program. He invested in our company because he believes in what we are working on in the vision they were working on.

1:05:21 And he...

1:05:24 I got into the team, the Draper University. So it's a program for Draper founders, right? And so I went through the program.

1:05:32 And one of the things that happened in the program is that we went to the, it's called the hell week. So we went to the desert for a week with some people from the military. You'll do a lot of like training. We spend like we go to sleep late, work up early morning. There's a lot of activities. It's essentially to make you almost like a military person and change your help, work on your mentality, make you resilient, right?

1:05:54 In one of the nights, it was around midnight, we were having a bonfire. And Tim Draper was there, we were talking, sharing stories. He was telling me, "Hey Gideon," you know, I think.

1:06:05 your background. I mean, I don't know if you guys know, I speak Russian, I've lived around the world. Your background and different things kind of helps you build a unique product for Bitcoin. Right. And I was talking to him about his experiences investing in companies and

1:06:21 asking him things that made companies successful, right? He was the one that actually gave me an idea to build a wallet. He didn't say build a wallet, but he gave me, he

said certain things. He said certain things.

1:06:36 that when you do them, you're probably gonna have a successful company, right?

1:06:40 the way he see them.

1:06:42 It kind of led me to building a wallet. I'm building it in a way that you should do XYZ, but we are still early. We're not yet finished doing the plan. So that's how the Bitmask wallet was actually born.

1:06:56 Now, the naming, I was like, okay, what am I gonna name this? This is meant to be like, then MetaMask was a very good wallet. I used MetaMask back in the day. I was like, it is meant to be the MetaMask for Bitcoin. And I'm like, what am I gonna call it?

1:07:10 Mass.

1:07:11 That was it. That didn't take much. Yeah. And I guess what's your story after that? No, well, yeah. I wanted to say like you won the loan version or the short ones that we just decided to do metamask for Bitcoin and it's called the maybe one that's really creative here on this end. We're not going to call it just call it. But I will tell you about the story how bitmasks start having a cat because DIBA was pretty easy. So DIBA initially is coming from.

1:07:36 digital Bitcoin art. So it's DIBA, but we wanted to make it more relevant to Bitcoin. So we have a flashing light there. Just also like hinting that it's going to be light and support the app.

1:07:47 But we also was like, okay, Bitmask also just with the flashlight we don't want to. So we start thinking about different animals, but of course foxes for the matter mask. So we were even Googling in the wild nature with who folks can fight and who can win over the fox. And we found the cat. And because Hunter is also one of our earliest developers, head of development, like IT department, director of IT department,

1:08:12 He had two cats and he was obsessed with cats. And we like just literally start thinking and after that we just kind of somehow say, okay, cat is a cool idea. And all these jokes about the cats, we even found the video where the fox and cat is fighting and cat is winning fox. It's I think when we were in this small stage of Bitcoin, muxy muxy.

1:08:31 alike

1:08:32 We even posted it, it went pretty viral and we get some judgment, I think, from the Ethereum community on this. But yeah, that's a kind of whole idea. I feel like it's not an idea about being extremely creative with the name. I think it's more about being more kind of tax-savvy and creative with the technology within the product itself. But yeah. - Well, love the story, namely Kate. Who doesn't love cats?

1:08:57 **Closing remarks** 中文

1:08:57 Like once in a while, like a video of a cat just pops up in my feed and I have to watch it. Like how can you not watch a video of a cat? You know, that's, you have to do it. So nice

choice, nice choice. And thank you for this little gossip. So for everybody who's watching this call, now you will be able to find the website of Bitmask if you...

1:09:23 like scan this QR code up here. Guys, make sure to go and try it, make sure to test it as well. And what is important, what I always, always say whenever we have a call with projects.

1:09:38 Try the product, send feedback to the owners and also the developers because that's what they need to make it better. And I'm sure that Gideon and Anastasia will be happy to read comments and every kind of feedback they can get.

1:09:52 If you are interested in knowing about RGB, this is our website, RGB.info. We will publish all the news there regarding bitmask. There might be spoilers, some article in the following days about bitmask.

1:10:07 And we will publish all the news and everything new in the ecosystem. So make sure to go there, have a look at our blog section. And last but not least, I want to do a disclaimer. So RGB Association and the channel RGB Bitcoin is happy to promote education and is happy to showcase all the projects in the ecosystem. Having said so, we do not support any specific

1:10:34 or UDA or token so use everything at your own

1:10:40 risk and do your own research.

1:10:45 Basically, that's it. If you guys want to see some other projects, let us know. We're also happy to receive some feedback from you. So thank you, Gideon and Anastasia, for joining me for this call today. Hope to see you soon in the future. We raised a lot of interesting points that I think,

1:11:06 need some more study, I would say, some more discussion.

1:11:12 So yeah, thank you again for being with me in this hour and 10 right now. Wow.

1:11:19 Yeah, I would stay here for much more time. There's a lot of things to talk about. Thank you very much. Thank you so much for having us. It was an absolute pleasure. Thank you. Yeah, guys, Ahmed, Goats is going to be released later for Minton. Please give us some time. And then maybe within the week, we're going to open it up again and then you can mint or the end.

1:11:40 Thank you very much

1:11:41 Okay, then last but not least, make sure to join our Telegram group chat, RGB. And guys, see you soon. Have a great rest of your week.

1:11:53 Goodbye, everyone.

belong to the RGB Association broadcast.

RGB 社区电话会议报告

介绍 Bitmask 钱包与 UDA

RGB 协会社区电话会议的完整逐字稿、分章节详细报告与带注释的截图，嘉宾为 Bitmask 与 DIBA 团队。

2026 年 11 月 26 日（星期四） | 时长 1 小时 12 分 | 主办方：RGB 协会 | 嘉宾：Bitmask / DIBA | 在 X 与 Telegram 同步直播

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目录 摘要 要点 时间线 详细报告 现场演示 事实清单 路线图 逐字稿



执行摘要

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72 分钟
完整回放，2:18 开始有语音

10,000
枚 GOAT UDA，每枚都是唯一的

1,000 聪
绑定在每枚 UDA 上

7,000 聪
市场上架下限

0 手续费
上架免费，P2P 交换不收费

下一步
与 UTEXO 团队推进比特币上的 USDT

这是 RGB 协会举办的社区电话会议，Bitmask 团队在大约一年的低调研发之后重新回到公众视野。创始人兼 CEO Gideon 与市场及合作负责人 Anastasia 向主持人 Mari J 和线上观众介绍了 Bitmask 是什么、团队为何转入隐身模式、技术上发生了哪些变化，以及产品目前能做什么。

核心信息：RGB 终于具备生产可用性；Bitmask 围绕 RGB 0.11 系列逐层重建了整套技术栈；首个展示项目是 **GOAT**，一个免费、开放铸造的 10,000 枚唯一数字资产（UDA）系列，通过无手续费、无托管的点对点原子交换在比特币上交易。现场双屏演示在 Signet 上完成了一次上架、一次购买，以及两个钱包之间的即时结算。由于服务器流量过大，铸造目前暂停，团队表示预计在一周内重新开放。

下半场从产品转向理念：为什么是 UDA、为什么是艺术、现实世界资产代币化是否仍需要监管机构、如何通过开源存储层 Carbonado 做备份、是否会支持闪电网络，以及 “Bitmask” 这个名字的由来。

关键要点

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- **低调一年后重回公众视野。**团队表示转入隐身是为了重建，而不是过度承诺，因为此前的发布超前于 RGB 当时能支持的能力。
- **RGB 0.11 是转折点。**Gideon 称 RGB 0.11 与 0.12 的分化是让 RGB 具备商业可用性的最重要事件之一，并表示 Bitmask 属于 0.11 社区。
- **GOAT 是旗舰 UDA 系列。**共 10,000 枚免费的唯一数字资产，分为十个主题子类，每类 1,000 枚，讲述比特币与 RGB 的故事。前 1,000 枚涵盖比特币早期（“燃烧的荆棘”主题）。
- **交易无手续费且无需信任。**卖家免费上架，买家只支付比特币网络费，Bitmask 不对 P2P 原子交换收费，也没有托管。交换要么全部完成，要么全部不发生。
- **每枚 UDA 携带 1,000 聪。**把聪绑定在每个资产上，使其拥有内在的比特币价值，也意味着活跃用户在使用 RGB 的同时不断积累比特币。
- **本地优先且非托管。**验证与计算在用户设备上针对比特币链和 RGB 库运行，没有提现步骤，也没有中心化托管。
- **RGB Vault 把 RGB 的 UTXO 与普通 BTC 分开，**避免用户误花资产，并提供 UTXO、发票、转账、报价与出价的总览面板。
- **路线图上的下一步：**在 Bitmask 中支持比特币上的 USDT（与 UTEXO 团队合作）、用 USDT 交易 UDA、明年上线链上拍卖、为早期 GOAT 持有者提供认领路径，以及闪电网络，Gideon 表示内部已经做好但尚未发布。
- **AI 智能体是长期受众。**UDA 的理念以及对链上溯源的强调，都围绕“AI 智能体会偏好可验证的链上资产”这一判断展开。

时间线

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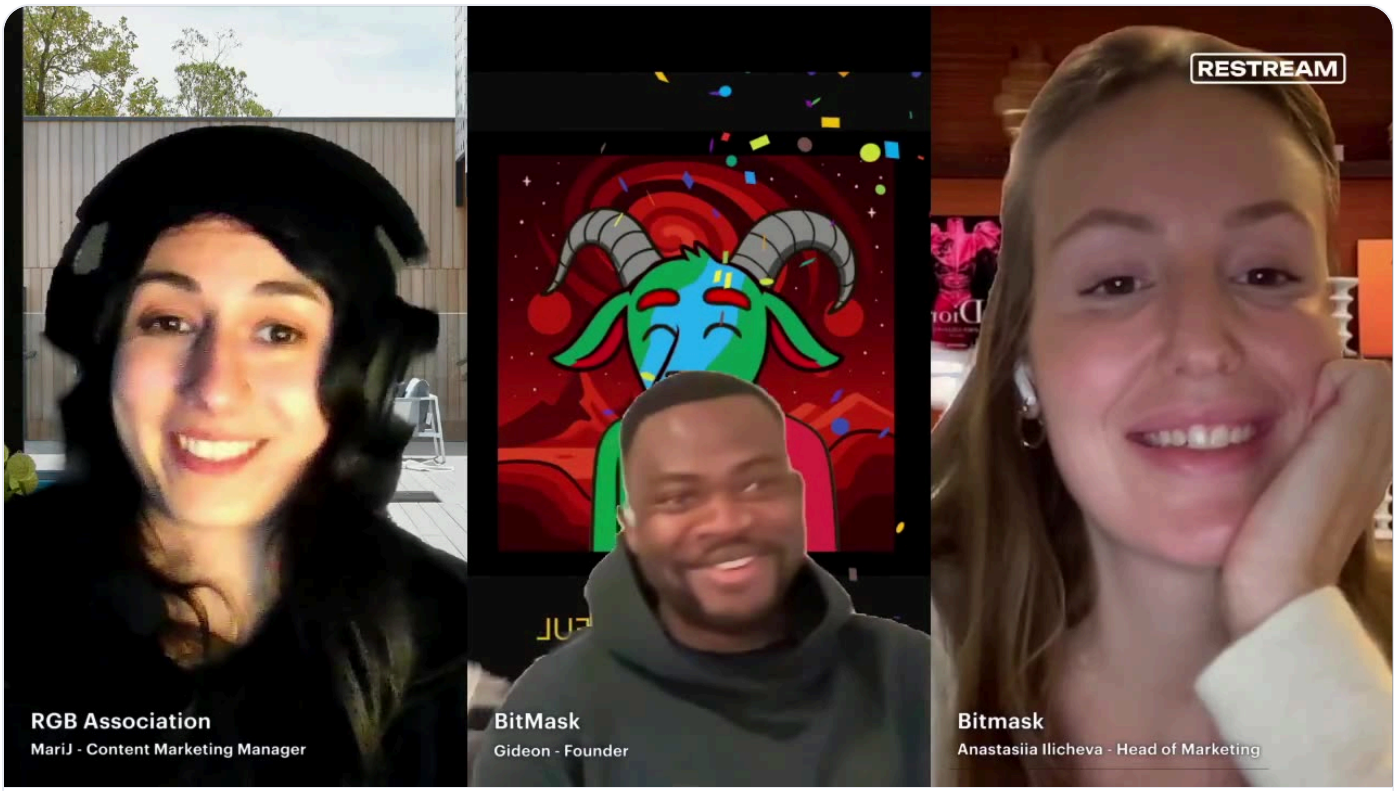
时间	章节
0:00	欢迎与嘉宾介绍
4:21	Bitmask 是什么？起源与角色
8:44	低调的一年：Bitmask 为何转入隐身模式
12:28	RGB 0.11 与 0.12：发生了什么变化
14:49	同时推进三个产品：DIBA、Carbonado、RGB20 与 RGB21
17:04	演示一：DIBA 上的 GOAT 系列
21:00	演示二：钱包与 RGB Vault（测试网）

时间	章节
27:15	演示三：P2P 原子交换，资产上架
34:06	演示三（续）：购买与交换结算
37:37	演示收尾与铸造状态
39:31	为什么是 UDA？命名与艺术理念
43:56	现实世界艺术品代币化：监管与信任
50:52	社区提问：拍卖与其他资产类型
52:49	收尾理念：优化功能，忽略形式
54:43	备份、助记词与 Carbonado
57:59	闪电网络、旧版钱包与互操作性
1:03:46	社区提问：Bitmask 这个名字怎么来的？
1:08:57	结束语

回放的前两分钟是没有语音的标题画面。

详细报告

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2:30 三位发言人：RGB 协会的 Mari J（左）、Bitmask 创始人 Gideon（中）和市场负责人 Anastasia（右）。

1. Bitmask 是谁，从哪里来

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Gideon 把 Bitmask 描述为专注于 RGB 的比特币钱包，即“比特币原生的可编程功能”。他说，位于其上层的公司 DIBA 起步于 2021 年，当时他从 Tim Draper 那里拿到第一笔投资，目标是用可编程智能合约把艺术带到比特币上。团队原以为 RGB 很快就会到来，但实际花了长得多的时间和大量工程投入，而当时市面上没有任何支持 RGB 的钱包，Bitmask 因此诞生。他当时提到的类似项目只有 Signet 上的一个 iOS 钱包，以及他与 Bitfinex 联系在一起的 Iris Wallet。

时间线方面：实验始于 2021 年，钱包开发始于 2022 年，Signet 上第一次非同质化 RGB 转账发生在 2023 年 8 月 18 日，Gideon 记得很清楚，因为当时他在洛杉矶。早期的 Bitmask 偏蓝色调，标志也不同，他建议大家去看旧的 Medium 文章了解历史。

2. 为什么低调了一年

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Anastasia 解释了团队的考虑。此前每次发布都遇到技术尚未成熟的问题，社区常把这看作失误；团队现在把它视为经验和试错。在 GOAT 的尝试之后，他们选择停止宣布、专心开发，并在关键节点再定稿，而不是做出无法兑现的承诺。

Gideon 补充了技术背景。早期，RGB 协议层的变动意味着钱包必须从头重写，且无法保证 API 兼容；RGB 还依赖 Taproot 等组件以及大量自定义代码。与此同时 Bitmask 有真实的需求，包括单日 10 万次下载的高峰，所以不得不在公众视线下反复重建，非常痛苦。他引用一位投资人的话，把早期工作称为“一项科学实验”。转向 RGB 0.11 系列，就是决定把这项实验变成能产生收入的产品；他说 Bitmask 所属的 0.11 社区专注于让 RGB 达到可用于生产的程度。

> **意义所在**
> 团队把隐身期描述为一次工程重置：重建基础设施、打造足以日常使用的可靠钱包，以及一个所有内容都依据比特币验证、而不依赖受信服务器的产品。

3. 同时推进三个产品

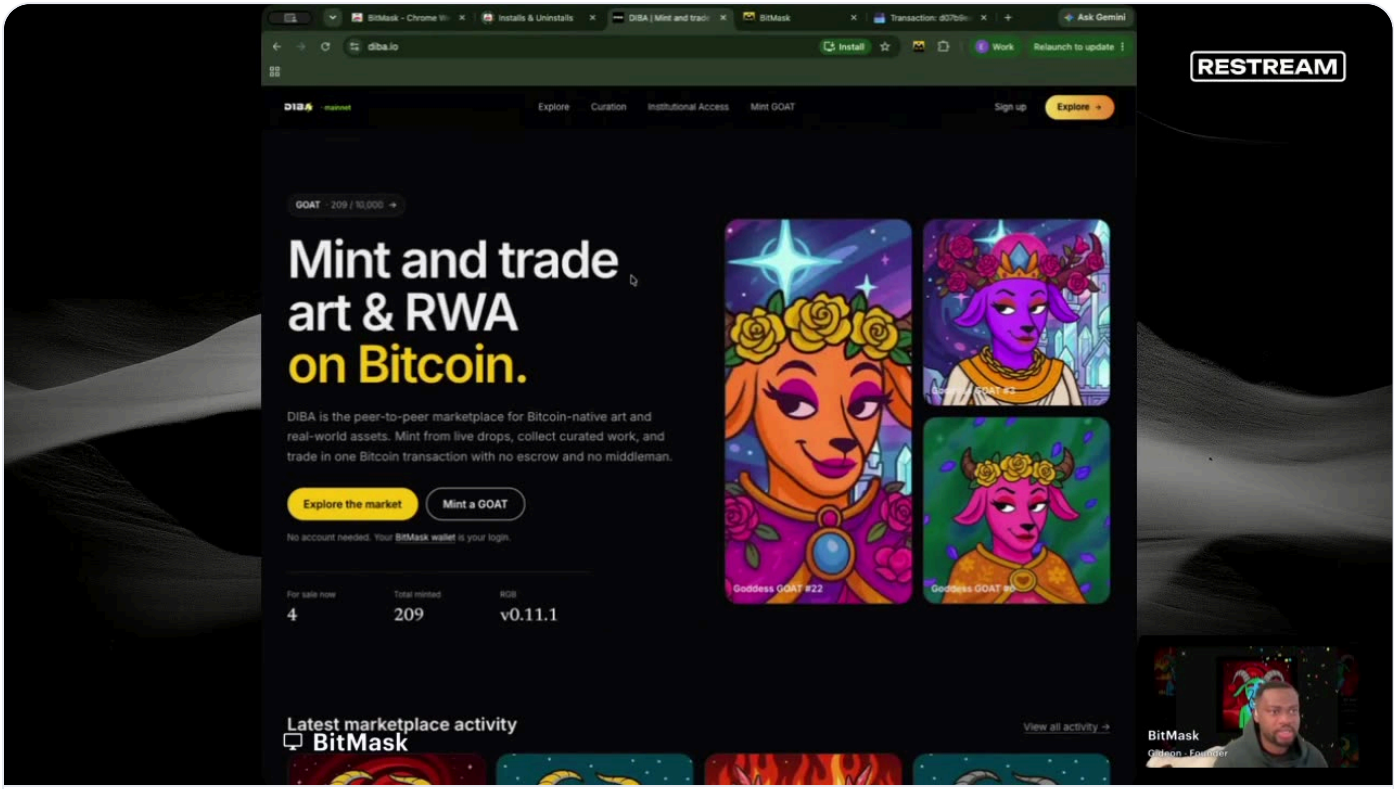
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Anastasia 澄清说，Bitmask 并不是唯一的产品：DIBA 是市场，Bitmask 是钱包，Carbonado 是存储层。团队因需要而依次构建它们：市场需要给买家用的钱包，钱包又需要为其中的资产提供私密存储。在此之上还有 RGB 智能合约本身的复杂性，尤其是 RGB20（同质化）与 RGB21（唯一资产），它们都必须顺畅协同。这是她给出的转入低调的第二个原因。

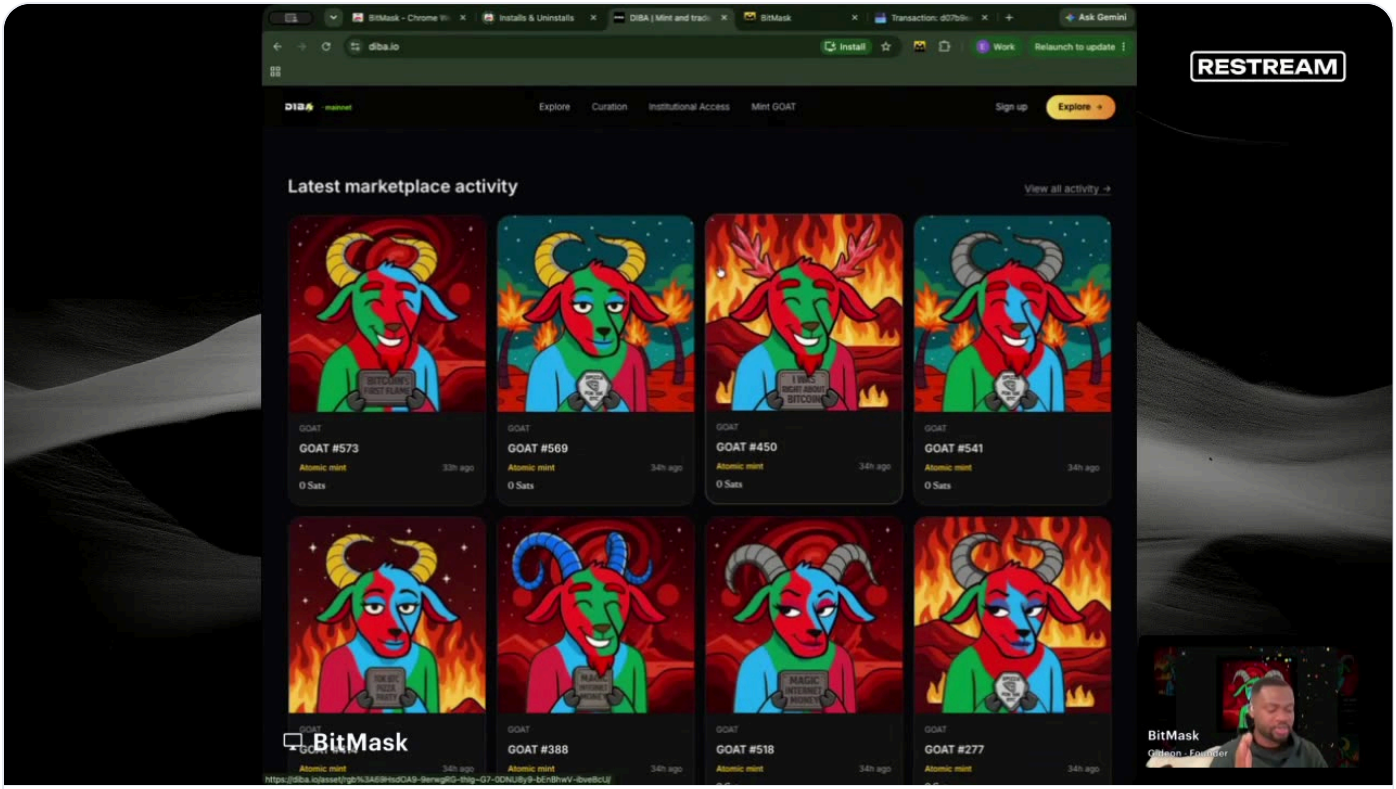
4. DIBA 上的 GOAT 系列

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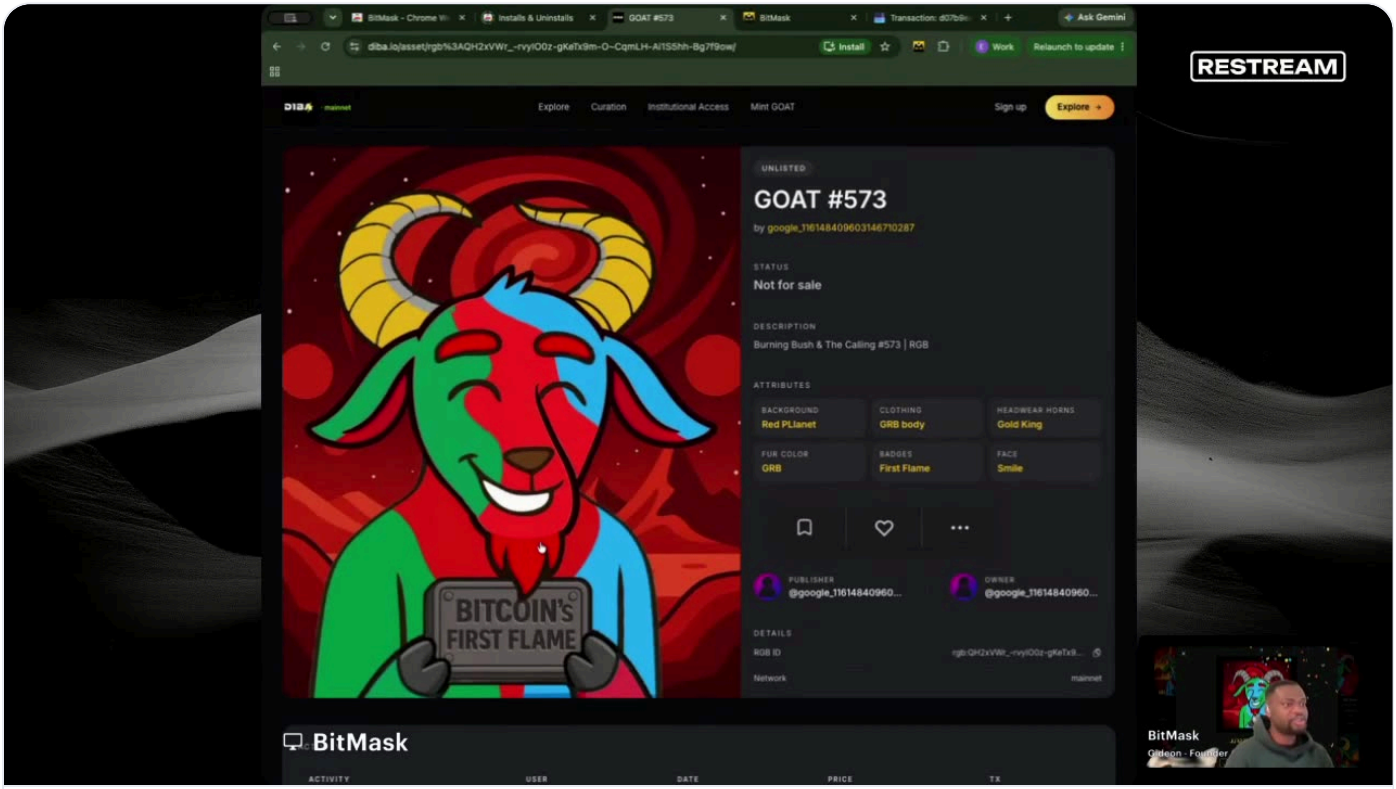
第一段演示是 DIBA 上正式环境的 GOAT 体验。Gideon 说，他受到比特币创世区块承载一段背景信息这一做法的启发，希望用艺术讲述比特币的故事、插上一面旗帜并凝聚社区。该系列共 10,000 个资产，每个都是唯一的 UDA，分为十个子类，随着大家铸造，每一千枚依次揭晓。前 1,000 枚涵盖比特币最早期。在某个具体的 GOAT 页面上，他指向其 RGB 创世合约，并强调一切都可以在链上验证。



18:00 DIBA 首页：“在比特币上铸造和交易艺术品与 RWA”。



19:00 最新市场动态：DIBA 上架的 GOAT 作品。

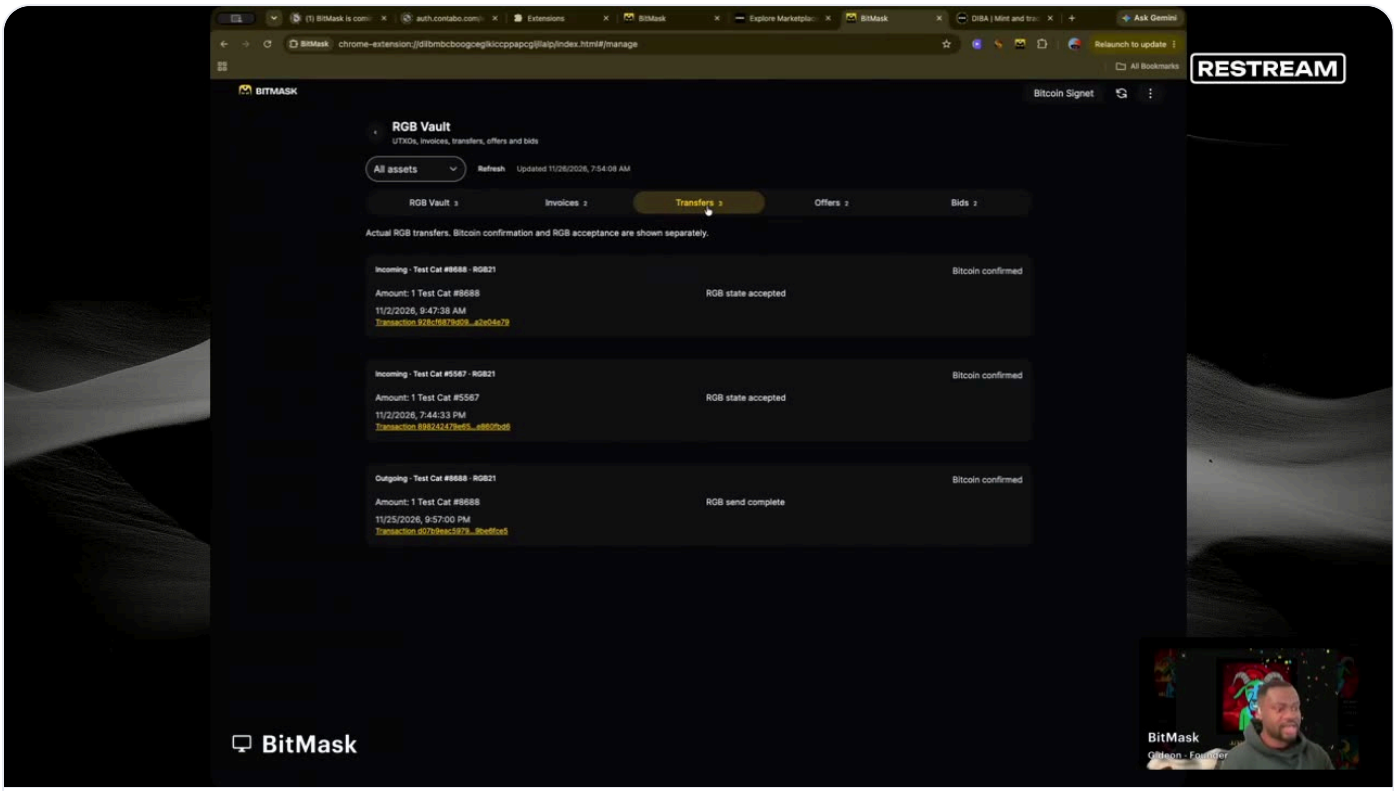


20:15 GOAT 详情页（GOAT #573，“Bitcoin’ s First Flame”），显示所有权与 RGB 合约信息。

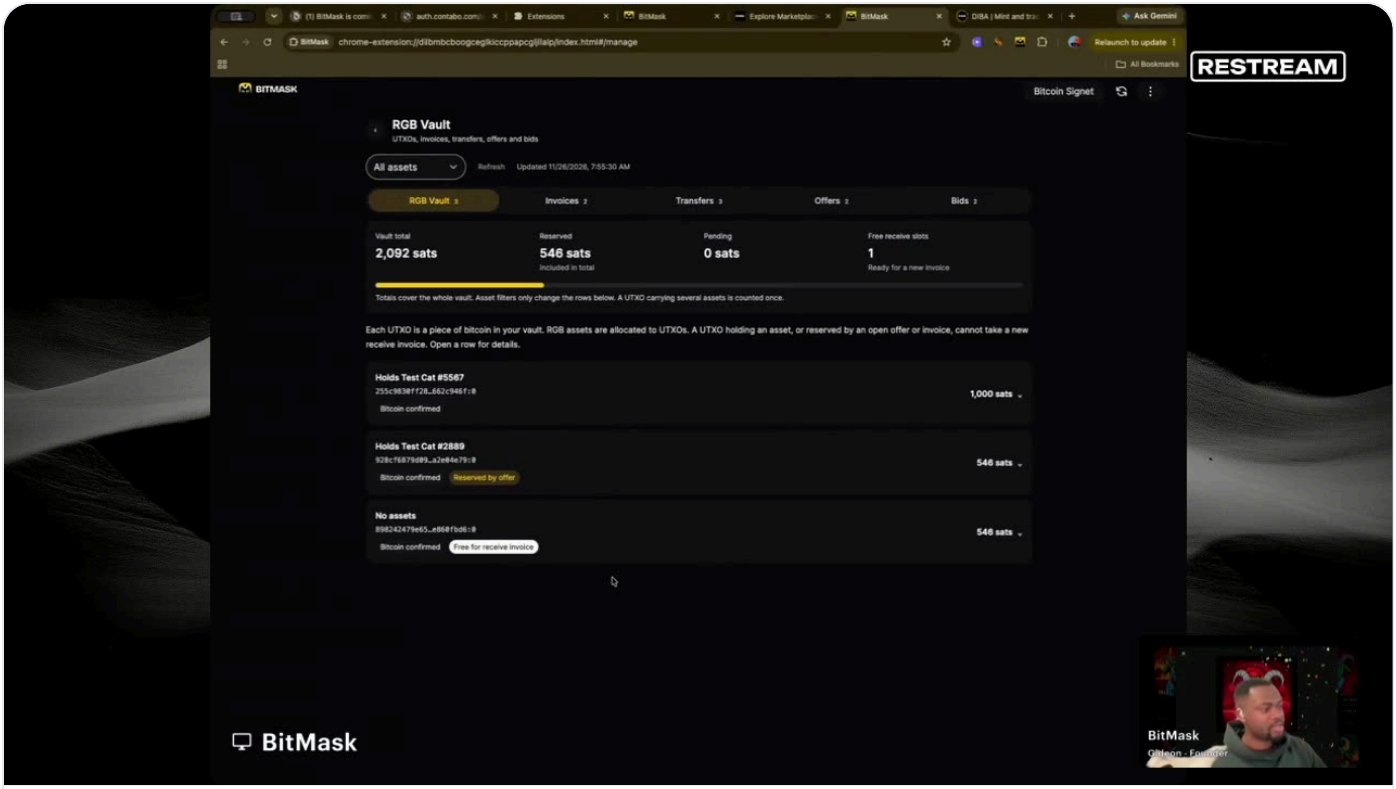
5. 钱包设计：本地优先、非托管、可验证

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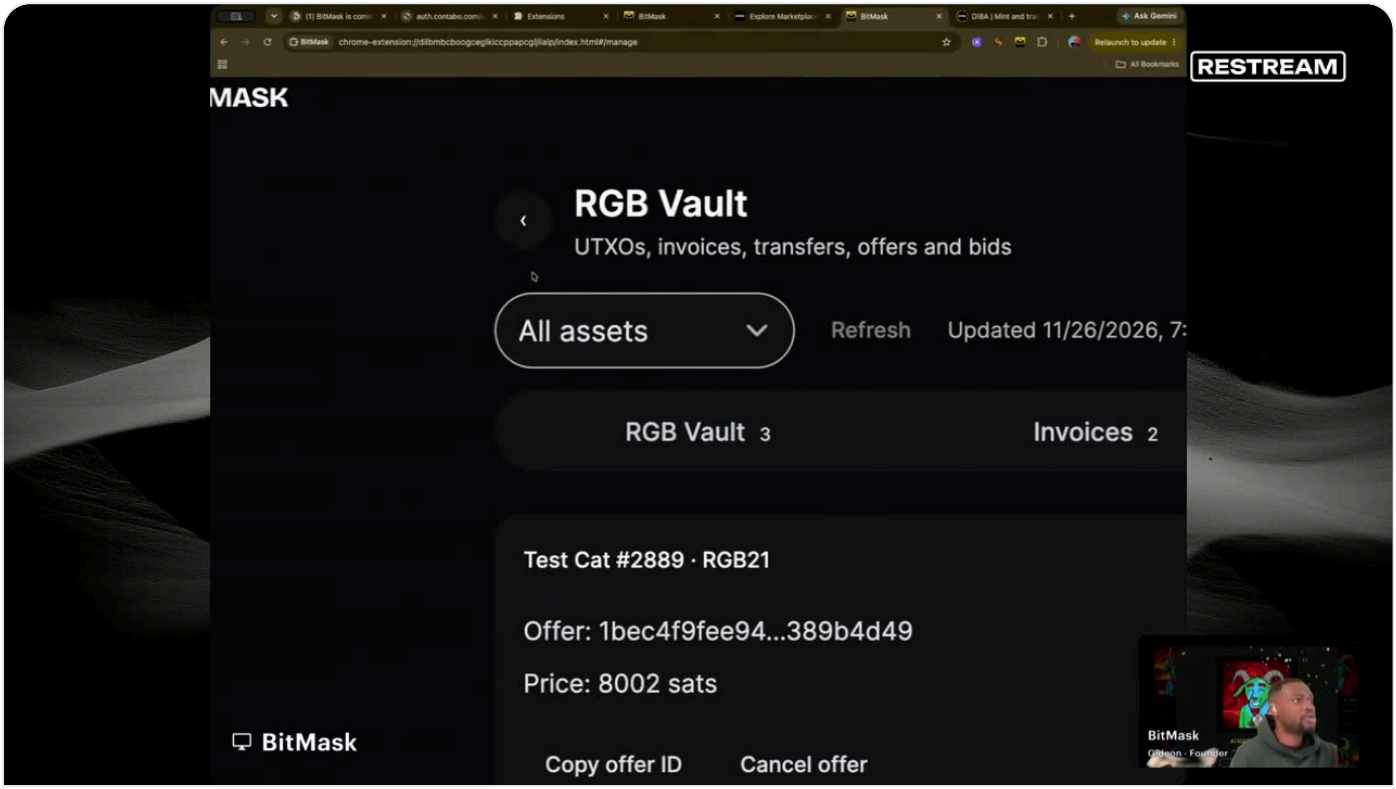
Gideon 切换到装有“Test Cats”的 Signet（测试网）钱包，并强调了三点产品设计。第一，每个 RGB 资产都有合约和 ID，用户应当核对，因为没有这两项的资产很可能不是真正的 RGB。第二，Bitmask 可以接收任何地址类型（Taproot、SegWit 等）的 BTC，但把 RGB 资产放在单独的 **RGB Vault** 中，让用户不会误花带有 RGB 资产的 UTXO。第三，钱包会展示幕后发生的事情：UTXO、哪个资产绑定在哪个 UTXO 上、发票（是否已付）、转账（待处理或已接受）、报价与出价，因为一笔交易同时涉及必须保持同步的比特币状态和 RGB 状态。



24:00 RGB Vault 的转账标签页：进出转账及比特币确认状态。



25:30 RGB Vault 概览：UTXO 明细，显示哪些聪是空闲的、被资产占用的或待确认的。



25:15 RGB Vault 的报价页：Test Cat #2889（RGB21）的有效报价，价格 8002 聪，带有“复制报价 ID”和“取消报价”按钮。

他反复强调的一条关键设计原则：RGB 交易要么成功，要么失败。如果资产历史有效，转账就会成功；如果被篡改，就会失败。原子交换上架采用的是同样的“全有或全无”逻辑。

6. 为什么每枚 UDA 都带 1,000 聪

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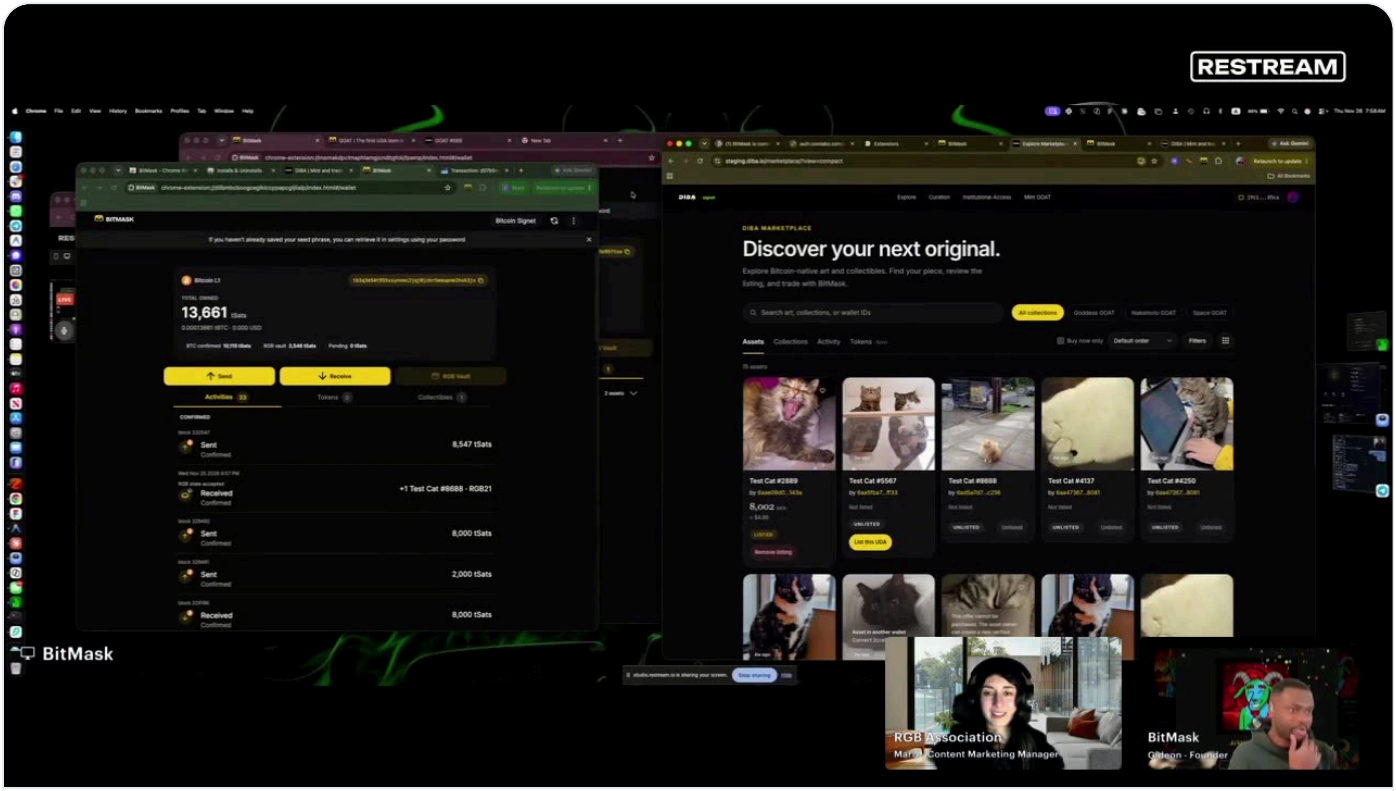
每个 RGB 资产都附着在一个比特币 UTXO 上。对于 GOAT，团队给每枚 UDA 绑定了 1,000 聪，因此资产既有收藏价值，也有内在的比特币价值。Gideon 把它描述为“积累”：用户持有和转移的 RGB 资产越多，随之锁定的比特币就越多。

现场演示：P2P 无脚本原子交换

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这是技术上的核心环节。Gideon 共享了两块屏幕，分别是卖家钱包和买家钱包，均在 Signet 上使用 Test Cat 资产，完整演示了一次上架和购买。

> **演示证明了什么**
> 资产与对应的比特币付款在一个原子步骤内完成易手，发生在两个非托管钱包之间，没有托管、没有提现步骤、没有中间人，随后还可以在 mempool 上查看这笔交易。

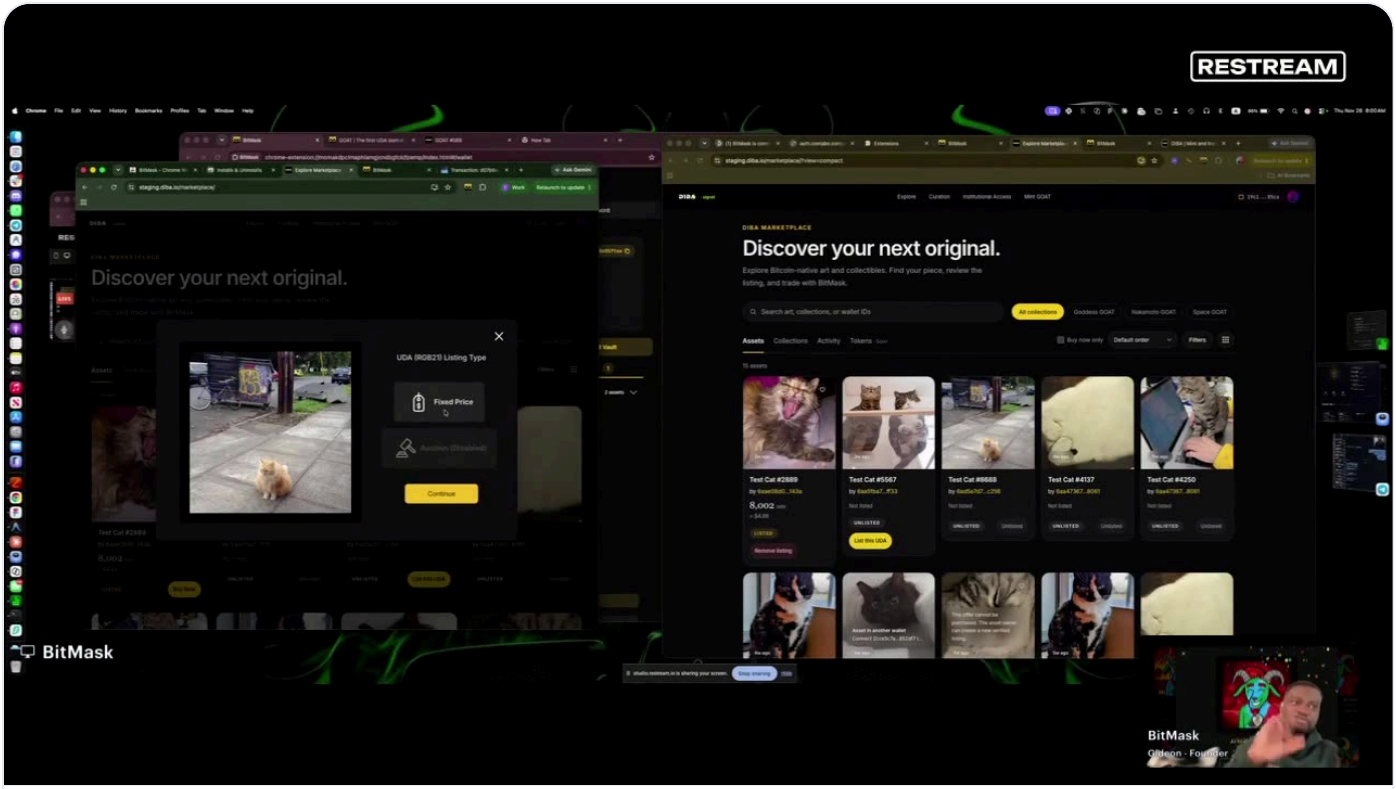


28:45 双屏设置：左侧为卖家钱包，右侧为买家视角的 DIBA 测试环境市场。

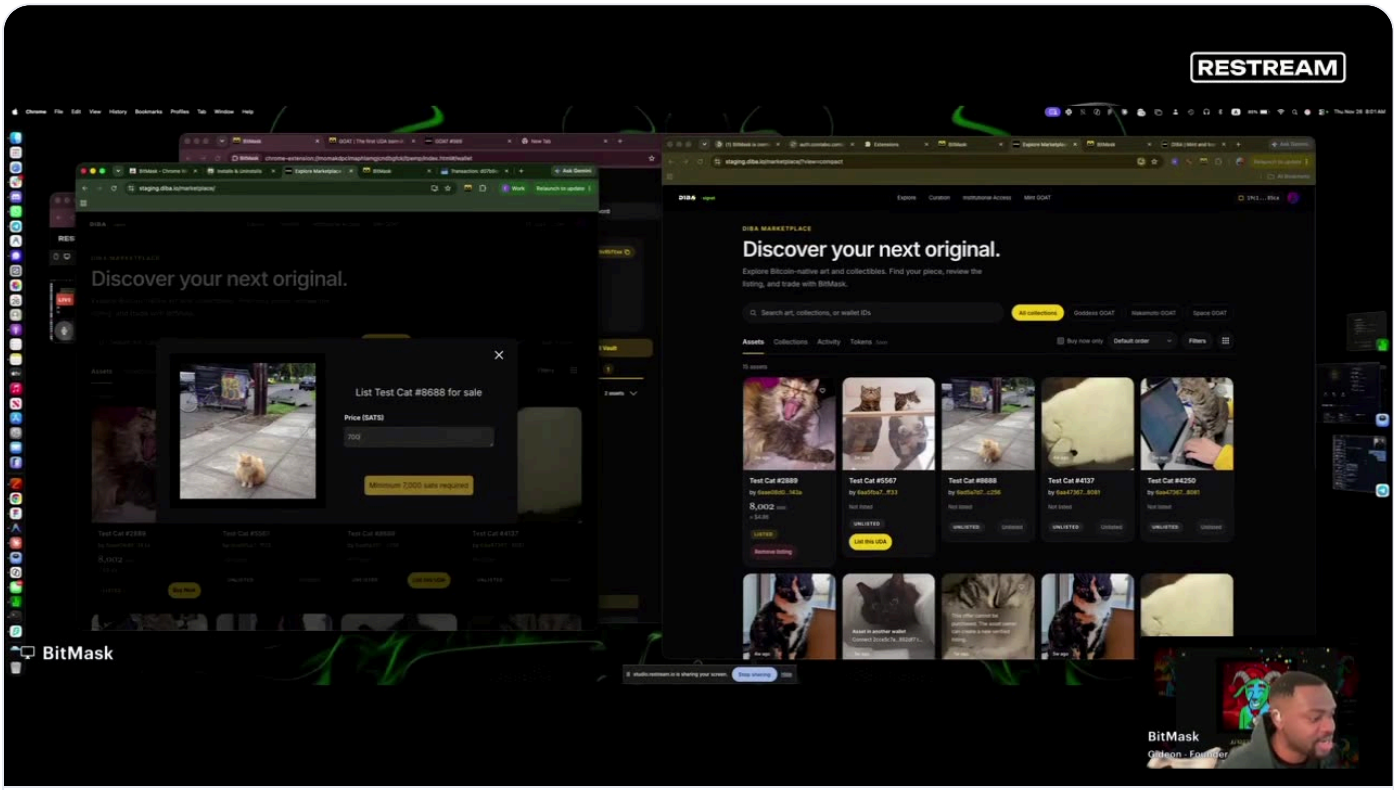
步骤 1：为 Vault 注资并打开上架表单

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卖家的 RGB Vault 必须已注资，也就是有一个可随时移动的 UTXO。随后 Gideon 选择了 **Test Cat #8688** 并打开上架对话框。
目前通过 Bitmask 在 DIBA 上铸造是免费的，但设有下限：默认情况下每个已铸造资产的市场上架下限为 7,000 聪，所以卖家通过铸造并出售，至少能得到这个数额。



30:15 测试环境市场中的上架对话框。

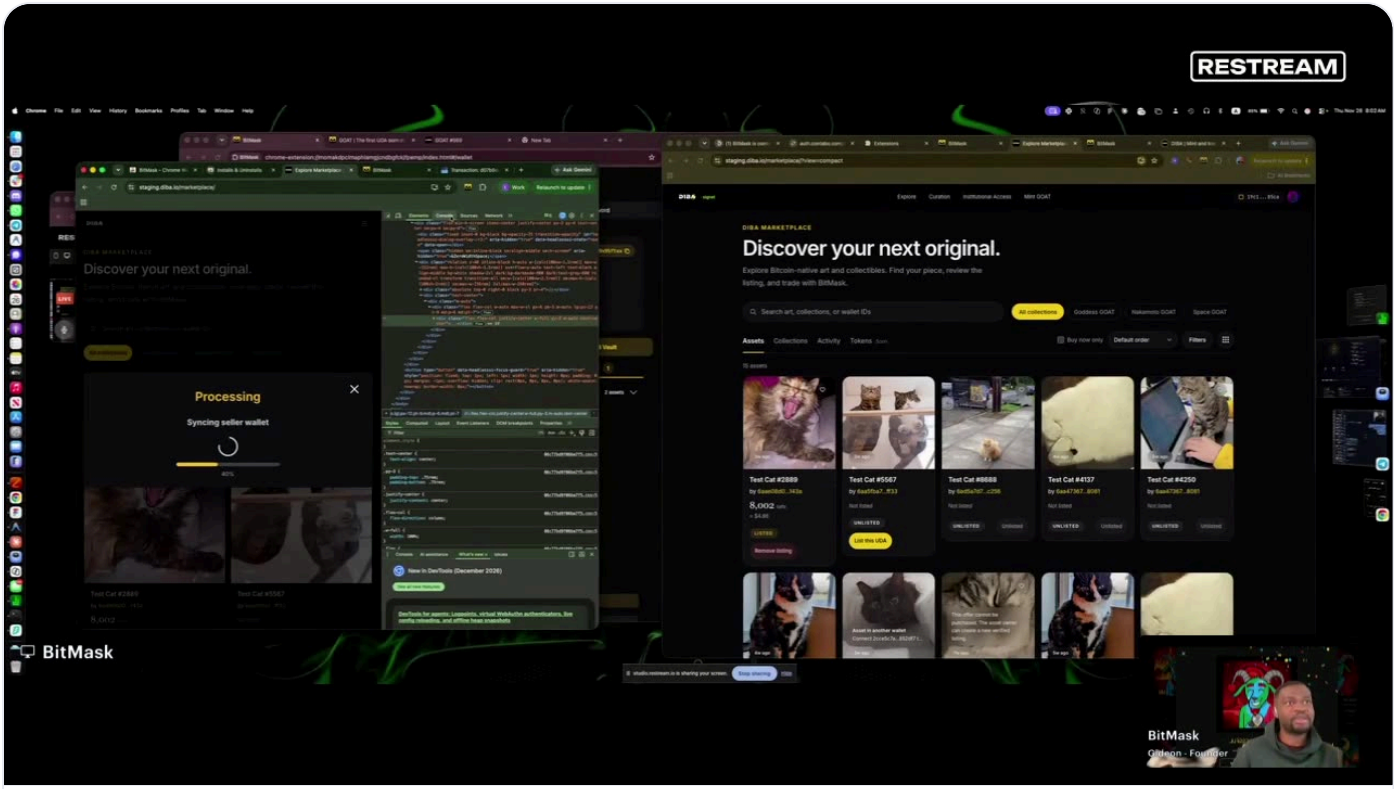


31:00 固定价格上架表单。Gideon 测试了 7,000 聪的下限，并发现一处他表示需要修改的界面措辞。

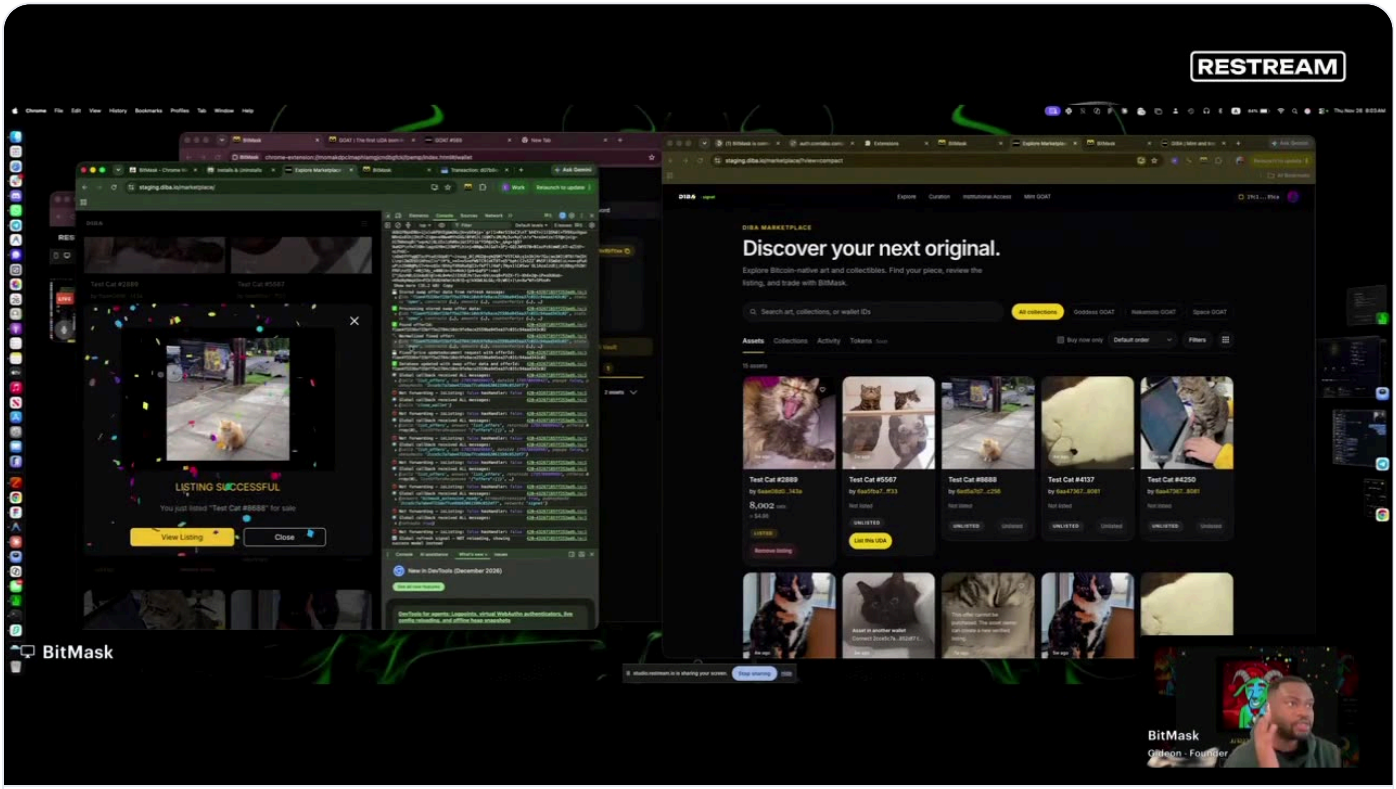
步骤 2：授权、同步并验证溯源

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上架不收费。卖家只需签署一笔交易，把资产打包并绑定成一个报价。授权期间，钱包会同步资产历史：你是否拥有该资产、是否持有每一次状态转换、溯源是否完整。只要缺少任何一项，上架就不会通过。他还打开浏览器开发者控制台，展示计算是在本地运行的，并给出一个实用小贴士：如果某一步卡住，刷新后重试即可。



32:15 打开开发者控制台的处理状态，显示本地验证过程。

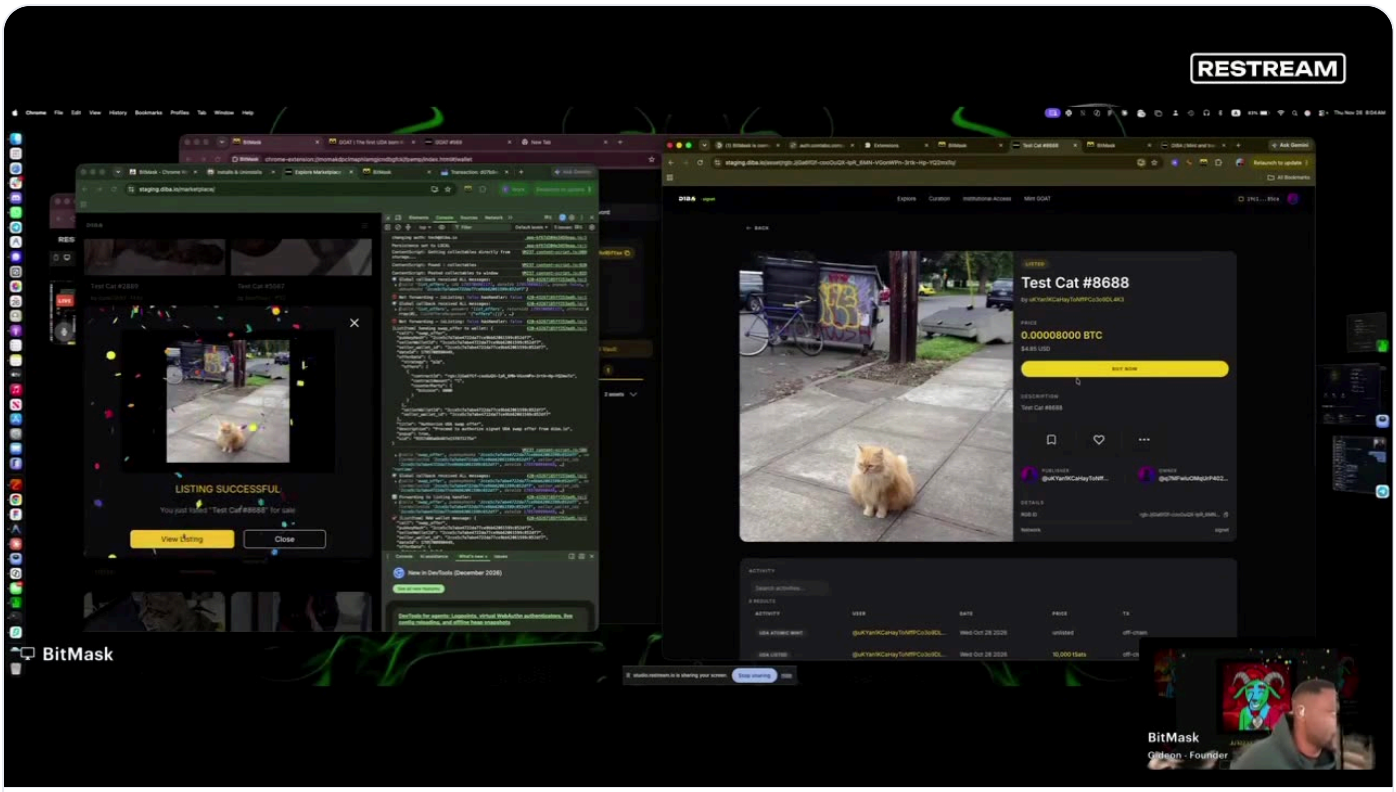


33:15 “上架成功”：这只猫已上架，右侧屏幕在市场列表中显示出来。

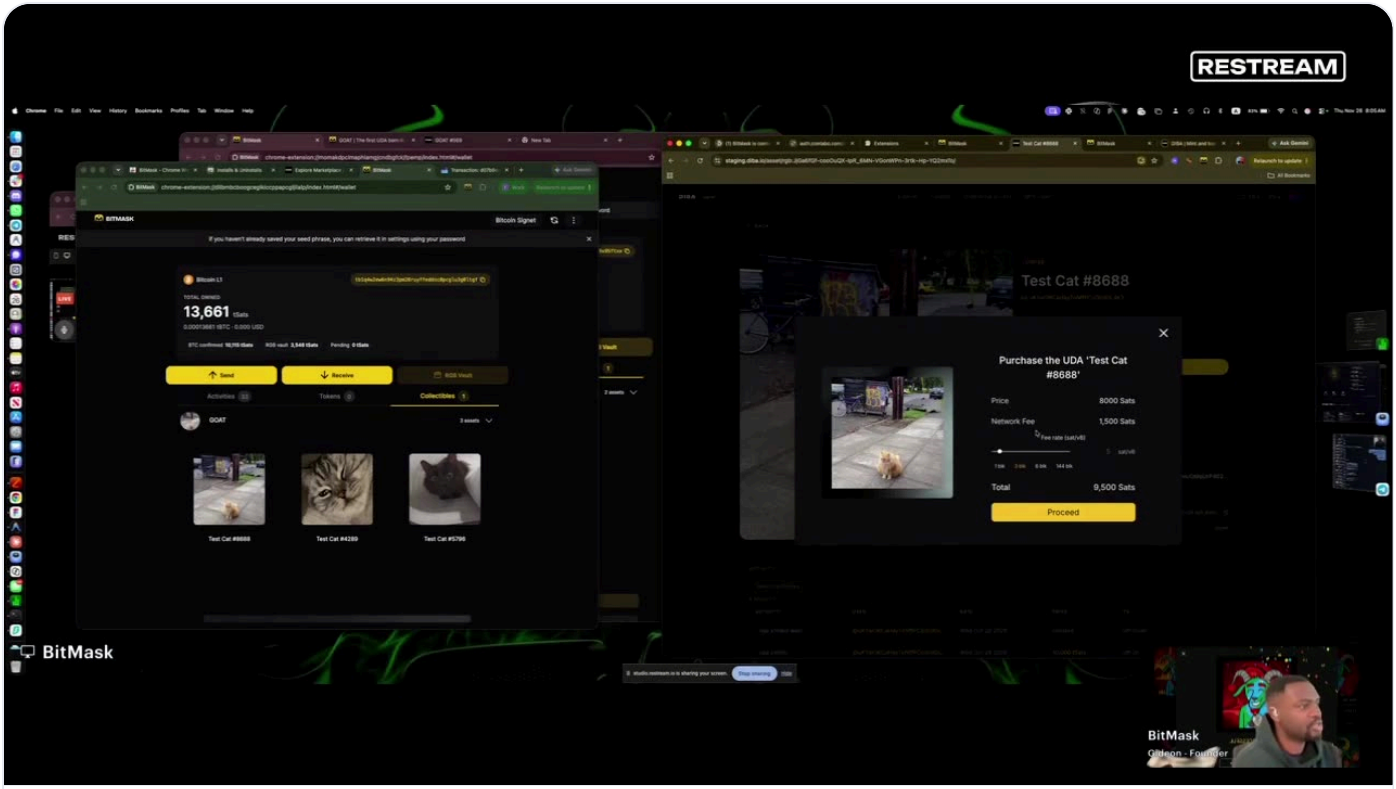
步骤 3：购买资产

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买家看到的挂牌价为 8,000 聪，外加比特币交易手续费。谁购买谁支付手续费，卖家不付任何费用。购买前，Gideon 确认这只猫不在买家钱包里。



34:30 买家侧的 Test Cat #8688 资产页面。

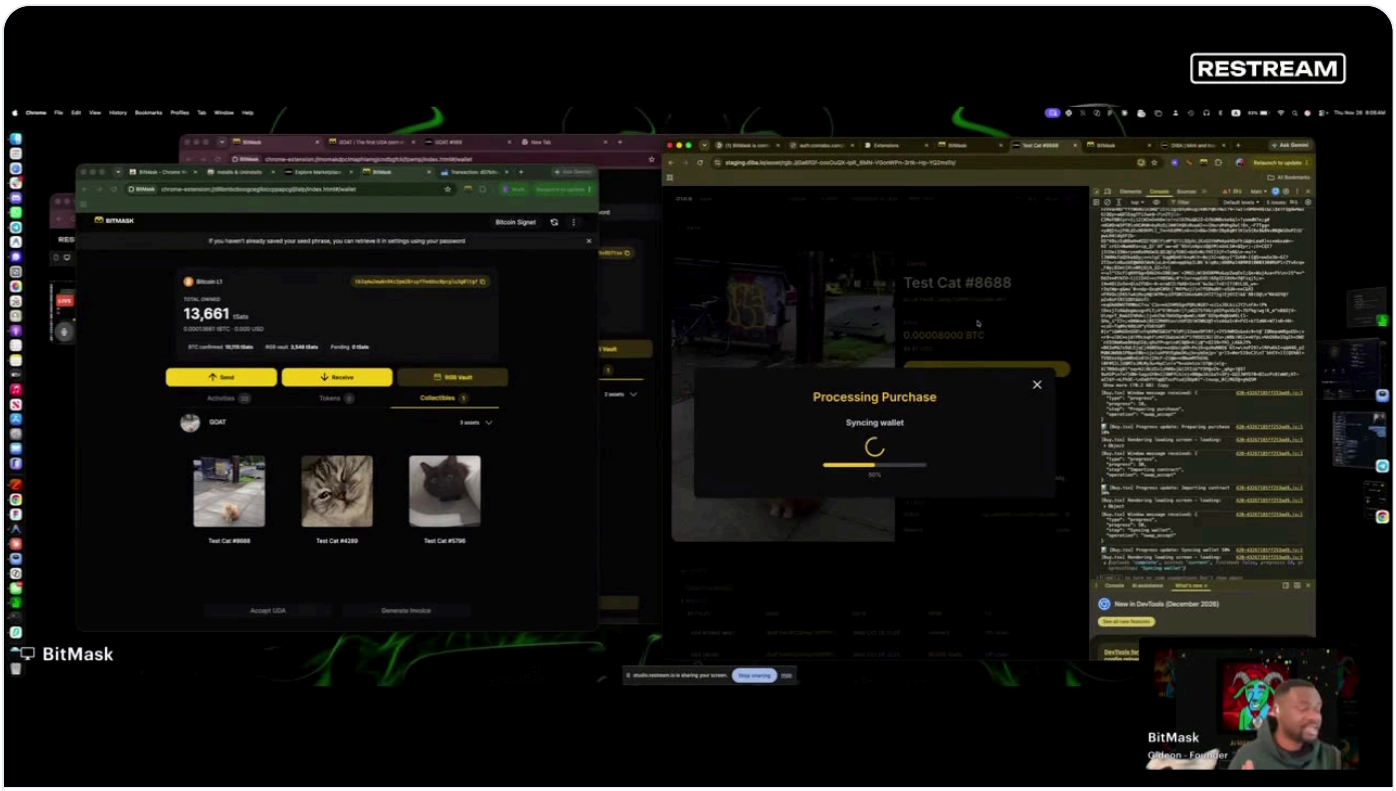


35:30 购买对话框：价格、手续费与确认。

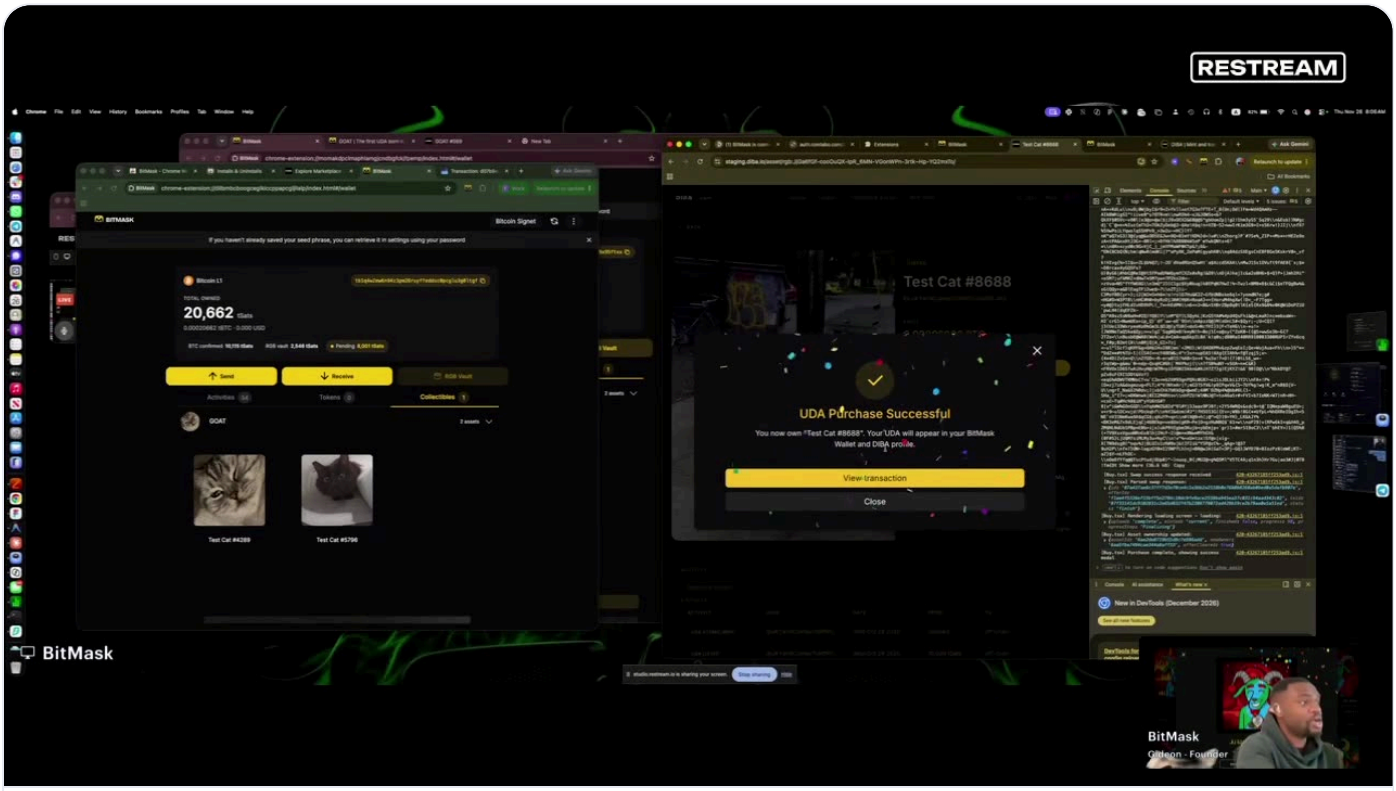
步骤 4：结算

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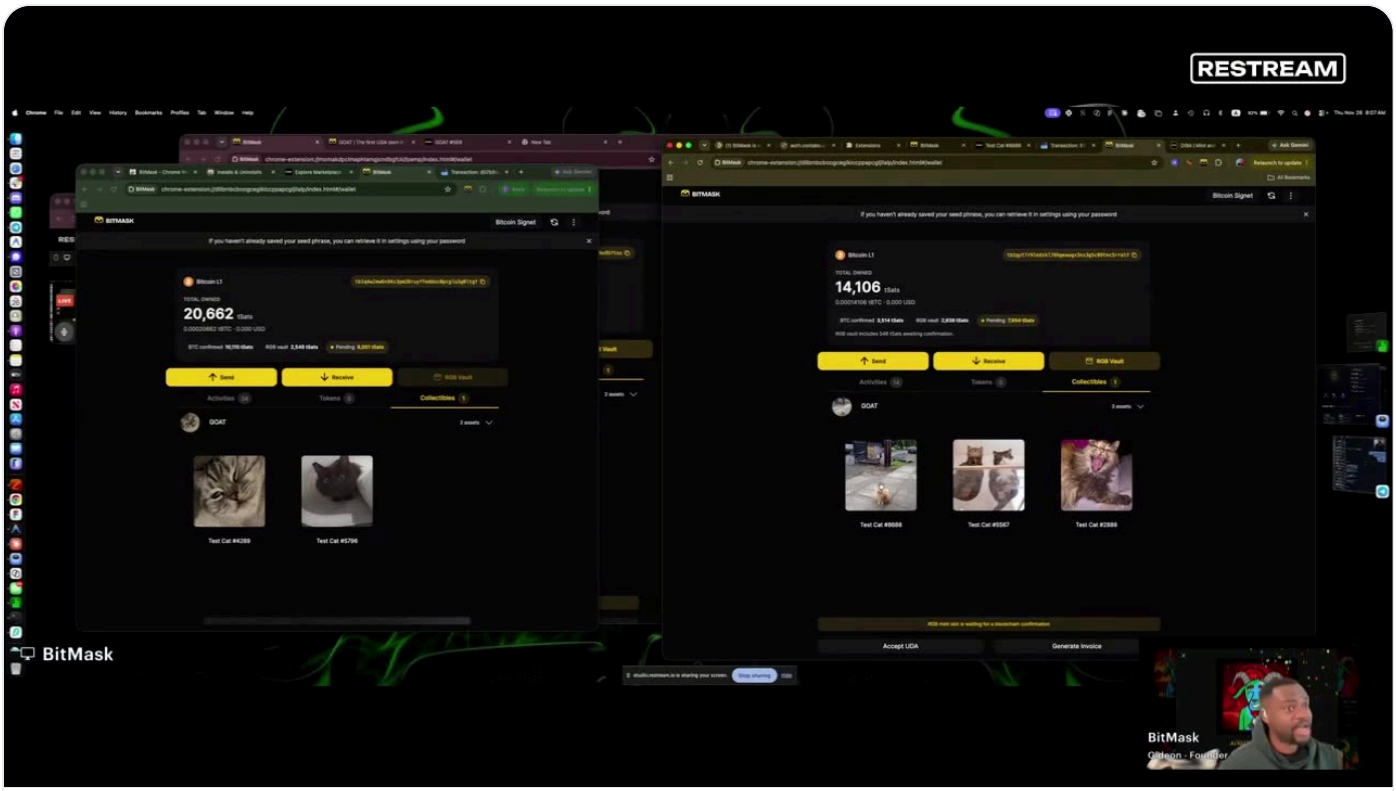
处理画面显示合约完成 50%，随后是溯源检查与验证。Gideon 指出，这种链上验证正是 RGB 区别于“一张 Excel 表格”的地方：评估该买哪些资产的智能体，会去看链上有什么。结果是即时的：UDA 从一个钱包转到另一个钱包，比特币则反方向转移。随后他在 mempool 上打开了这笔交易。



36:00 购买处理中：钱包在结算前验证资产历史。



36:45 “UDA 购买成功”。买家钱包现在拥有 Test Cat #8688。



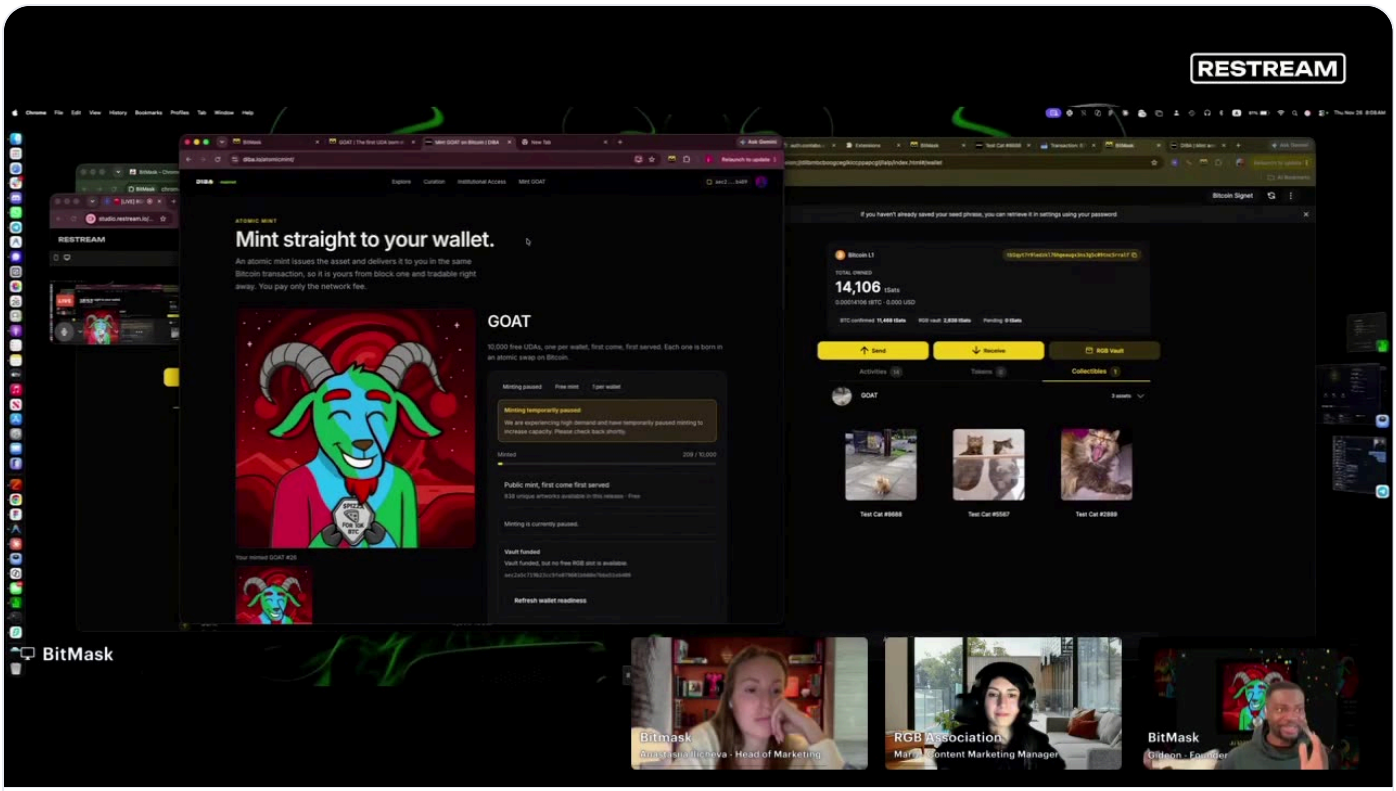
37:00 交换之后，按屏幕读数：卖家钱包显示两只猫，余额超过 2 万聪（此前为 13,681）；买家钱包显示三只猫，余额 14,106 聪（此前为 22,607）。

> **关于余额的说明**
> 买家余额减少了约 8,500 聪，与 8,000 聪的价格加上网络费相符。这是报告作者对屏幕数字的解读，并非现场口述内容。

铸造状态

EN

GOAT 铸造页面显示“铸造暂时暂停”，原因是需求过高，已铸造 208 / 10,000。Gideon 说，流量过大压垮了基础设施，团队因此暂停铸造，并将在一周内重新开放，让已铸造的资产可以立即上架交易。他呼吁用户上架并进行交换，因为每一次交换都会为资产增加链上溯源记录。



38:45 GOAT 铸造页面：“直接铸造到你的钱包”。免费，每个钱包一枚，先到先得。页面显示铸造暂时暂停。

演示之后的对话

EN

为什么是 UDA，名字从何而来

EN

Gideon 说，他的第一个产品始终是比特币上的艺术，而且他认为在富足的未来里艺术最重要。当 AI 智能体成为经济参与者时，他预计数字资产会是它们最先买卖的东西之一。他不喜欢把 RGB21 资产叫作 NFT（“我妈妈不知道 NFT 是什么意思”），于是提出了**唯一数字资产（unique digital assets）**这个说法，他说这发生在 2022 年的一次开发会议上。团队还资助了 UDA 模式（schema）的开发。他感谢 UTEXO 团队补全了稳定币这一环，并表示没有比特币上的 USDT，UDA 就无法发挥全部价值，代币化同样依赖它。

现实世界艺术品、代币化与监管

EN

主持人直接质疑了这个前提：对于一幅被代币化的画作，钱包加市场就足够了吗，还是仍然需要监管机构来确认所有权？Anastasia 认为艺术市场本身就受困于过时的数据库和赝品问题，数字物品是更干净的起点。她介绍了过去与洛杉矶一支“实体数字融合（phygital）”合作团队做的实验：用手机轻触一件实体物品，就会打开 Bitmask 钱包并播放艺术家的配乐，在迈阿密测试过，引起了不少兴趣，但在团队转入低调时被搁置。她还提到伦敦一家画廊已经举办过以 NFT 为主题的展览和拍卖，所以存在一定的监管，不同地区有所差异。主持人的结论是让市场来回答：目前仍需要法律机构确认所有权，如果未来的市场只信任比特币本身，那将会很了不起。

拍卖与其他资产类型

EN

一位 Telegram 观众问团队是否研究过针对非艺术类数字商品的其他拍卖模式（例如密封竞价等）。Gideon 说目前挂牌都是固定价格，明年会让拍卖功能重新回到链上，让多人可以出价。他补充说团队做过研究，但有意一步一步来，并提到一位有资本市场背景的投资人在 2022 年投资了 DIBA 和 Bitmask。

> *“优化功能，忽略形式。”*

这是他最喜欢的一句话，他用货币来说明：从石头到硬币、纸币再到数字形式，不变的功能是一个抗审查、人类与智能体都能验证的平台。

备份、助记词与 Carbonado

EN

主持人问 Bitmask 如何备份资产数据，以及丢失助记词会怎样。Gideon 说这个问题催生了 **Carbonado**，这是一个开源存储层，由早期工程师 Hunter Beast 构建，他指出 Hunter 是 BIP 360（抗量子提案）的作者。他称之为“为真正偏执的人准备的存储”。Bitmask 用 Carbonado 存储全部 RGB stock 与资产，并用用户私钥加密，所以每笔交易都会依次完成解锁、重新加密和备份。他还提议未来可以和 Hunter 单独做一场 Carbonado 专题会议。

闪电网络、旧版钱包与互操作性

EN

被问到闪电网络时，Anastasia 说顺序是先做好可靠的 UDA 层，再做闪电网络与结算基础设施，而且整个基础设施是从零开始逐层重建的。她解释说，早期钱包使用 12 个单词的助记词，后来升级到 24 个；最早一批 GOAT 的持有者将可以在主铸造之后认领它们，不过还有一些代码问题需要攻克。Gideon 补充说，闪电网络内部已经完成但尚未展示，他本人还在主网上用早期版本的 UTEXO 桥测试过把 USDT 桥接到 Bitmask（X 上有视频）。两人都强调与其他 RGB 钱包的互操作性是优先事项，避免用户被锁定在单一产品中。

Bitmask 名字的由来

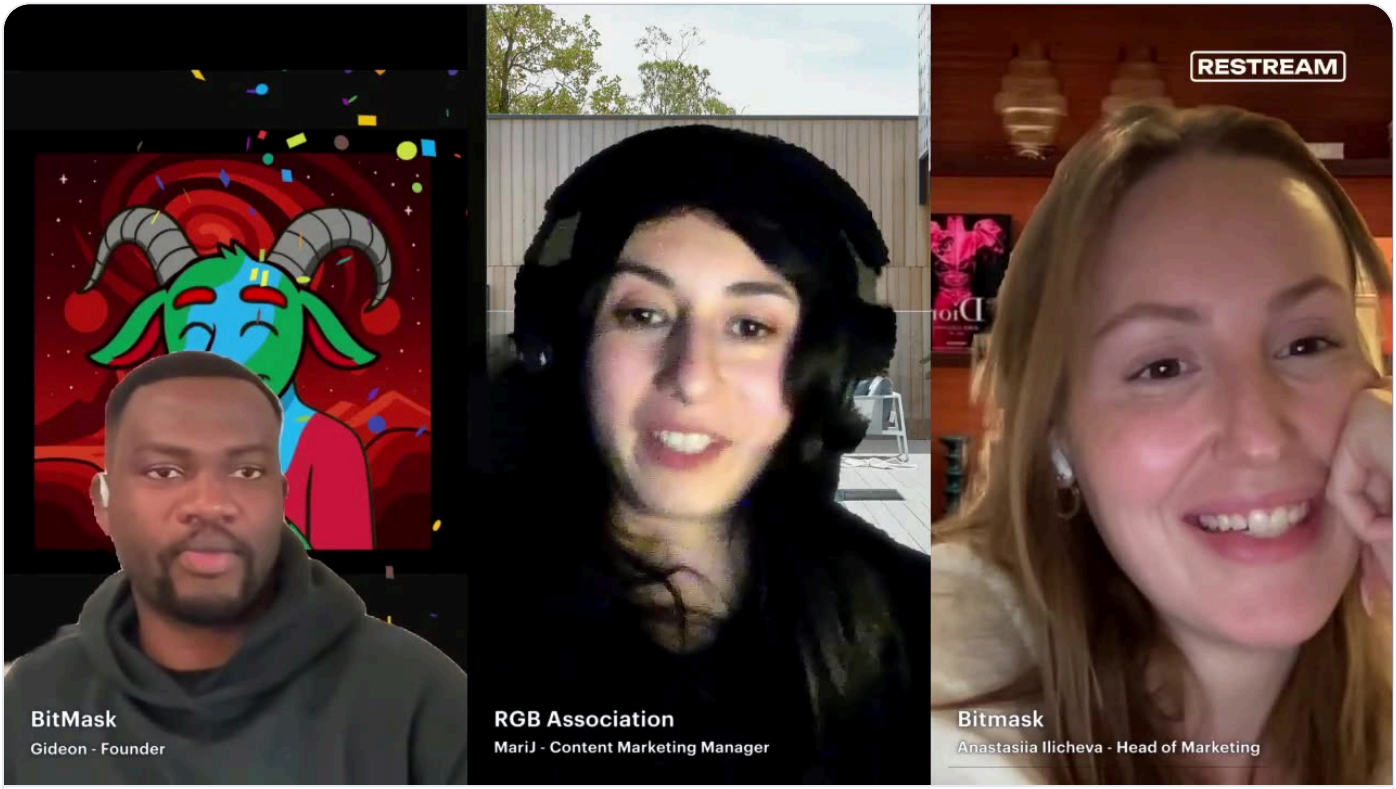
EN

Gideon 讲述了起源故事：在 Draper University 于沙漠中举办的“地狱周”里，围着篝火，Tim Draper 聊起让公司成功的要素，并启发他去做一个钱包。他想做比特币上的 MetaMask，于是名字几乎立刻就定了。Anastasia 补充说，DIBA 代表 digital Bitcoin art（数字比特币艺术），而猫的吉祥物来自于想找一种能战胜 MetaMask 那只狐狸的动物。早期开发者 Hunter Beast 爱猫，加上一段猫打败狐狸的爆火视频，就这么定了下来，还引来了以太坊社区的一些调侃。

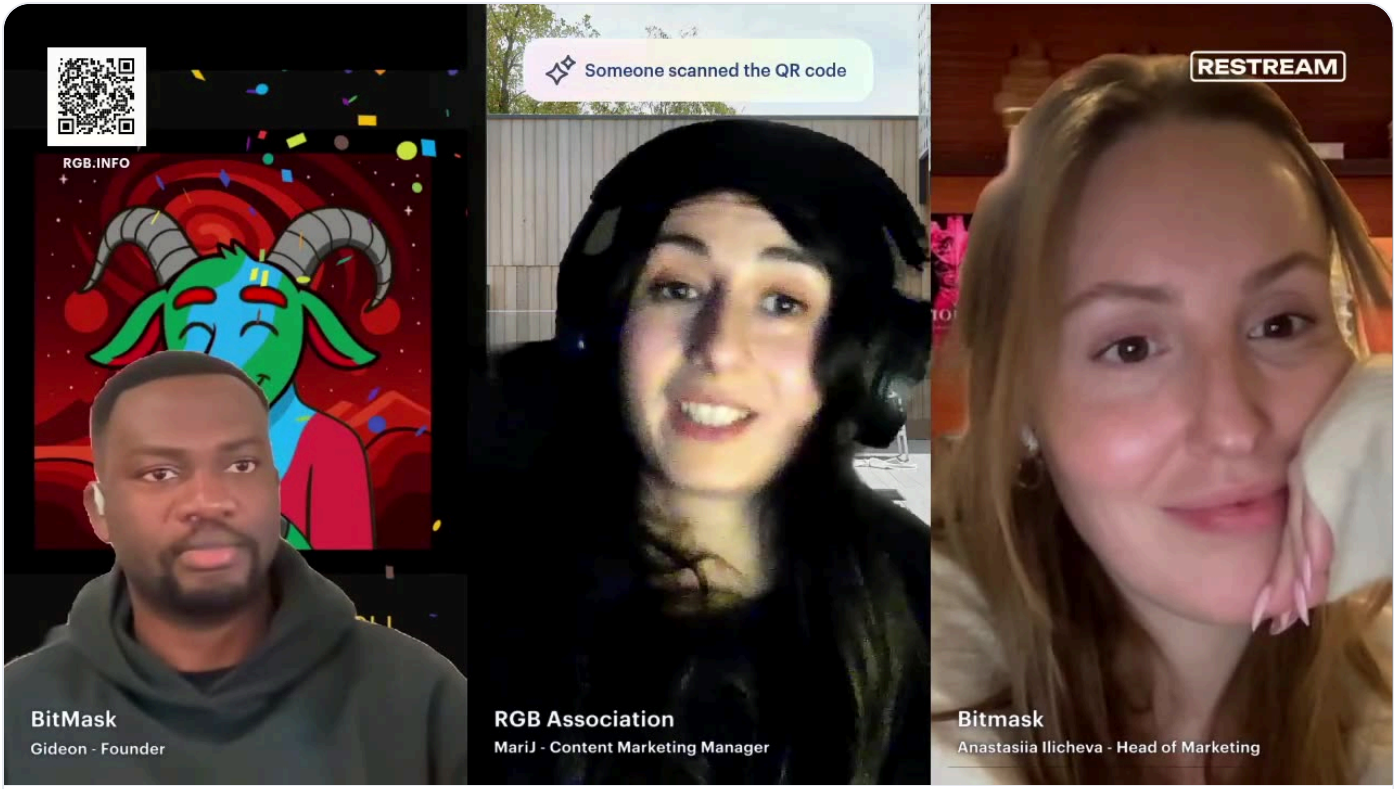
结尾

EN

主持人请观众试用产品并反馈意见，指引大家到 rgb.info 查看后续的 Bitmask 报道，并宣读了免责声明：RGB 协会推广教育并展示生态项目，但不为任何特定的 UDA 或代币背书。Gideon 再次表示 GOAT 铸造将在一周内重新开放。



`1:09:00` 最后几分钟：三位发言人同框。



1:10:00 结尾画面，带有 RGB.INFO 二维码。

事实清单：关于产品的表述

EN

主题	会上的说法	时间
Bitmask 是什么	专注于 RGB 的比特币钱包，面向比特币原生资产；非托管、本地优先	4:33
DIBA	公司与市场；名称来自 digital Bitcoin art（数字比特币艺术）	1:07:11
GOAT	10,000 枚免费的唯一 UDA，分十个子类，每类 1,000 枚；前 1,000 枚为比特币早期主题（“燃烧的荆棘”）	20:15
每枚 UDA 绑定的聪	1,000 聪	25:49
铸造	免费；因服务器容量暂停；预计一周内重开	38:38
市场上架下限	已铸造资产默认 7,000 聪	30:14
上架费用	卖家无费用；买家支付比特币网络费	29:38
市场手续费	Bitmask 不对 P2P 原子交换收费	25:01
交换模式	无脚本 P2P 原子交换，全有或全无，无托管	24:41
Vault	RGB Vault 把 RGB 的 UTXO 与普通 BTC 分开；展示 UTXO、发票、转账、报价、出价	22:25
存储与备份	Carbonado，开源，用用户私钥加密	56:31
助记词	早期钱包 12 个单词，新钱包 24 个单词	59:46
闪电网络	内部已实现，尚未发布；计划在 UDA 层之后推出	1:00:43
稳定币	正与 UTEXO 团队把比特币上的 USDT 引入 Bitmask；USDT 桥接已在主网测试	37:38
拍卖	目前为固定价格；计划明年推出链上拍卖	51:36
早期历史	2023 年 8 月 18 日在 Signet 完成首次非同质化 RGB 转账；峰值单日 10 万次下载	7:31

会上提到的路线图与承诺

EN

事项	说法	给出的时间
重新开放 GOAT 铸造	铸造后可立即上架和交易	会议当周内
新用户指南	Anastasia 表示会发布新用户操作指南	未说明
Bitmask 中的 USDT	与 UTEXO 团队合作，用 USDT 交易 UDA	未说明
链上拍卖	多人竞拍功能回归	明年
早期 GOAT 认领	早期持有者可在主铸造之后认领，前提是代码问题得到解决	主铸造之后
闪电网络	已在幕后完成，稍后发布	未说明
钱包互操作性	愿意与其他 RGB 项目进行跨钱包测试	持续进行
Carbonado 深度专题	可能与 Hunter Beast 单独开一场会议	未说明
钱包发布	Gideon 表示在会议前几小时已向 Chrome 应用商店提交了更新	已提交

完整逐字稿

EN

按章节分组，点击章节即可展开。逐字稿由自动语音识别生成，仅对产品名称做了轻度校正，未标注发言人。中文为机器翻译。

0:00 欢迎与嘉宾介绍

EN

2:18 大家好！你们能听到我说话吗？

2:23 我来介绍一下今天的嘉宾。大家好，欢迎来到 RGB 社区电话会议。

2:31 你好，早上好。

2:33 很高兴见到你。哦对，你们那边确实是早上。

2:38 某个地方总归是早上。好的，我明白了。你们已经说了你们是一个去中心化的团队，稍后我们会聊到这一点。那么大家一起欢迎来自 Bitmask 的团队。我们有创始人兼 CEO Gideon，今天还有市场与合作负责人 Anastasia。欢迎两位来到这场会议。

3:04 非常感谢邀请我们。

3:08 太好了。我很高兴能介绍这个项目，因为你们对 UDA 和 Bitmask 似乎非常看好。每次我在 X 上看到 Gideon 发帖，或是听他和我们交流，都能感受到他的兴奋。

3:24 我们来看看他们今天准备了什么。今天我们会先聊聊这个项目，然后看一个 Bitmask 的小演示，了解平台有什么新消息。

3:43 然后我们也会聊聊 UDA，它们是什么、可以用来做什么。欢迎大家提问。你们可以在 X 上提问，点开这场通话会打开一个大页面，下面有评论区可以提问，我们会确保把大家的问题问出来。你们也可以在

4:10 我们的 Telegram 群聊里提问，我们现在也在那里同步直播。所以我们同时在两个地方。很棒。

4:18 那么，不多说了……

4:21 Bitmask 是什么？起源与角色

EN

4:21 我们开始聊聊 Bitmask。首先，Bitmask 是什么，你们是谁，你们在公司里的角色是什么？

4:33 好的，这是个很好的问题。Bitmask 是面向比特币原生资产的钱包。事实上，Bitmask 是最早一批真正展示 RGB 能做什么的钱包之一。

4:48 很有意思的是，经过大约五年支持 RGB、研究如何让 RGB 真正可用，让大家上来尝试各种东西、把东西玩坏、找出 RGB 中的错误之后，我们终于来到了这样一个阶段：

5:08 RGB 正在走向生产环境。我们即将有比特币上的 USDT。我觉得这是一个非常令人兴奋的时刻，尤其是考虑到世界上正在发生的 AI 和超级智能。我认为比特币将成为金融活动的最后一道防线。

5:25 而这将与 RGB 一起发生。这是我如此兴奋的原因之一，而且……

5:32 Bitmask 本质上是一个比特币钱包，

5:36 但它专门聚焦于 RGB。

5:39 也就是比特币上的可编程功能，比特币原生的可编程功能。这基本上就是我们围绕比特币、围绕 Bitmask 所聚焦的东西。不过，当我创办这家公司时，2021 年我拿到了第一笔投资，来自 Tim Draper。

5:55 最初的想法是这样的，公司叫 DIBA，也就是全球化公司，对吧？当时的想法是用可编程智能合约，也就是当时的 RGB，把艺术带到比特币上。我们以为 RGB 会马上推出，但实际花了很长时间，我们不得不投入大量工程。所以 Bitmask 的诞生，是因为当时还没有支持 RGB 的钱包，也就没法验证

6:21 RGB 是否真的可行。尤其是没有 Web 钱包。当时有一个 Signet 上的 iOS 钱包，还有 Iris Wallet，由 Bitfinex 做的，很不错。所以当年就是我们、Iris Wallet 和 Bitmask，大概是 2022 年前后的事。所以……

6:40 总之，我很兴奋，因为我们终于有了真正能用的 RGB，人们可以在生产环境中使用，而且不是鲁莽冒进的。对。我不知道这有没有回答你的问题。

6:52 好的，那是哪一年？也就是你们真正做出应用第一版的时候？

6:59 我们在 2021 年就开始工作了，那时甚至还没有成为一个商业机会。所以我们从 2021 年开始做实验。我想钱包本身是

7:15 2022 年开始做的。如果你翻看我们的 Medium 文章，能找到非常早期的版本，那时 Bitmask 还是偏蓝色，用的是不同的标志，基本上是我们开始做……

7:31 Signet 测试转账的时候。我觉得那是 2023 年，因为我推特上有那条帖子，第一次非同质化 RGB 资产转账。我们是在 8 月 18 日完成的，抱歉，是 2023 年 8 月 18 日，我记得当时我在洛杉矶，正在和朋友吃午饭，

7:57 我的电脑就在旁边，我们一边聊天，我试了一下，成功了。我太兴奋了。这么长时间以来，现在你可以做到快速转账，可以做多笔转账，可以做交换，还能做 RGB 提供的所有这些很棒的事情。

8:14 是啊，很高兴看到协议一路走到了今天。

8:19 希望明年能成为 RGB 之年。我觉得我们即将看到很多令人兴奋的新东西进入生态。

8:31 我觉得你们的

8:35 我可以说是“复兴”吗？

8:36 你们的复兴来得正是时候，因为确实有一些很好的东西即将到来。

8:44 低调的一年：Bitmask 为何转入隐身模式

EN

8:44 这一年发生了什么？你们安静地在构建，可以这么说吧，而你们即将展示的新版本又有什么变化？

8:56 我先说说我们为什么决定进入安静模式，Gideon 会讲具体有什么变化。因为我觉得，你可以看到我们起步很早，

9:09 每次我们尝试发布而技术还没准备好时，社区也会把它当成一个错误。从我们的角度，那不是错误，而是经验，是试错，是在和尚未成熟的技术打交道。这也是为什么，我觉得在我们推出 GOAT 之后，

9:31 我们决定是时候进入安静的构建模式了，不再到处宣传。我们倾听了社区过去的意见，社区指出了我们过去所有的错误，哪些需要重建，等等。我们就想，与其过度承诺、发出公告却无法

9:56 兑现，不如直接进入隐身模式。我们想，最好保持沉默，把一切都构建好，在关键节点再定稿。接下来他会讲更多技术部分，哪些变了、哪些更新了、哪些已经披露了。我不是技术专家，但我能看到通知的数量，我想说一切都已经披露了。我们专注的就是为了回到

10:23 USDT 终于来到比特币上、来到 RGB 上的时刻，那时我们能看到社区里的动作越来越多。所以我觉得这正是我们回归、开始多发声、并重新吸引关注的最佳时机。

10:43 是的。Anastasia 很擅长把事情说得好听。所以基本上，我们在 2021 年前后从一些最优秀的风险投资机构融到了资。

11:03 然后

11:04 你知道，如果回头看 RGB 非常早期的版本，版本变化非常剧烈，协议层一旦有变化，

11:19 你就得把钱包从头完全重写。没有办法保证旧的 API 与新的 API 兼容。为什么？技术上我觉得主要原因是 RGB 当时真的还没准备好。很大程度上，RGB 是 Giacomo 提出的一个概念，然后我们相信可以把它在比特币上做出来。要实现这一点，需要发生很多事情，

11:46 包括 Taproot 要就绪，以及许多其他的自定义

11:51 自定义代码要被构建出来。对。我觉得，在这一切发生的过程中，我们尝试以一家非常活跃的公司的身份发布，与社区交流，有一天我们一天就有 10 万次下载。

12:06 你可以看到，人们真的想使用我们展示的东西，但技术落后了。所以要再次在公众视野下工作、把东西重新带回生活、并努力证明东西可以运转，真的非常非常困难。要真正搞清楚 RGB 是否可行。不过今天……

12:28 RGB 0.11 与 0.12：发生了什么变化

EN

12:28 当 RGB 0.11 与 0.12 分化时，我认为那是 RGB 发生的最重要的事情之一。这就是为什么今天 RGB 已经准备就绪。因为 RGB 0.11 团队和社区，我们是其中一员，

12:43 我们专注于如何让 RGB 真正达到可用于生产、可用于商业的程度。我最好的投资人之一，

12:52 我最喜欢的朋友，他给了我们相当多的资金，他告诉我，我们实际上是在做一场科学实验。在我们转到 0.11 之前，RGB 就是这样。因为当时的决定是，我们必须从科学实验转向证明这个实验真的可以成为市场能够使用并产生收入的东西。所以当需要转向的时候，

13:17 我们决定最好保存精力。我们已经做了足够多的社区工作，回到绘图板，专注于我们需要夯实的基础，让这些东西运转起来。结果就是，我们分阶段推出 RGB 的各项功能，而社区的其他成员也

在做很多事情。幸运的是，我的朋友 Victor 加入了 RGB，

13:42 加入了 UTEXO。Victor 最近在旧金山，我们一起待了几天。

13:48 所以看到 RGB 现在正朝着不同于过去的方向前进，我非常、非常看好，明年会是非凡的一年。我们专注的是确保 RGB 在链上真正可用，至少在我们的钱包里是这样。它也能在其他钱包里工作，但关键是如何确保你构建的是一个密码朋克

14:11 产品，而不仅仅是任何人都能随手搭起的一张 Excel 表。如果只是想搭一张 Excel 表，为什么不直接用 Solana 呢？真正重要的是一切都在链上验证并与比特币绑定，这才是方向，而且已经可以用于生产。这就是我们过去几个月专注的事，同时确保钱包非常可靠，让你可以放心使用。我们一直在改进钱包。实际上，我几个小时前刚向 Chrome 商店提交了更新。

14:40 所以问题是，如何确保这个钱包成为一流的钱包，满足比特币原生资产的特定需求？

14:49 同时推进三个产品：DIBA、Carbonado、RGB20 与 RGB21

EN

14:49 我想再补充一点 Gideon 的话，因为我们不只有 Bitmask。如果我们只有一个产品，会容易得多。别忘了我们还有……

15:00 DIBA。我们还有 Carbonado，因为我们最初是在一个接一个地构建产品，为我们所做的一切打造合适的基础设施。因为我们旅程的每一步都是从 DIBA 市场开始的，比如，太棒了，但我们没有钱包。没有让人们真正购买 UDA 的钱包。于是我们做了钱包。我们做了钱包，坐在那里意识到，太好了，但我们还需要

15:26 钱包里这些物品的存储，而市面上没有任何东西能真正满足我们和用户对隐私的要求，以及让一切都与比特币关联、保存在比特币上。于是我们想，好吧，那就做 Carbonado。而且在更高层面上，RGB 智能合约最初也极其复杂。你能想象还要把它们交叉连接起来吗？

15:51 让所有产品协同工作，还要利用 RGB 智能合约。所以我觉得这也是我们进入静默模式的部分原因。因为团队不是只专注一个产品，而是同时做三个。比如要让 RGB21、RGB20 以及其余部分全部顺畅且同时地运转。

16:14 是的，正如我们之前说的，协议本身在过去一年取得了重大进展。所以我想，这也让现在开发钱包和其他应用的人更容易使用 RGB。我理解一开始，我很喜欢你们科学项目的比喻。

16:41 因为归根结底，当你想做创新的东西时，它就是一个科学项目。一开始你下的是一个赌注。但我们都知道这需要很长时间。如果你想做出好产品、想要一个安全的协议，好东西需要时间。这一点我们都知道。

17:04 演示一：DIBA 上的 GOAT 系列

EN

17:04 非常准确。我看到聊天里很多人在发山羊表情。你懂的。我想这就是让你开始演示的提示，因为我们来看看这只山羊是什么，大家都在写 GOAT 并发了很多表情。那我们就从这里开始。

17:29 演示的话，那我们……

17:32 哦，太漂亮了。对，我们已经在其中一个钱包页面上了。好的。对，这是测试环境。好的。让我先去……

17:47 你知道，我们用 Bitmask 做的事情之一，我个人深受启发的是比特币本身的启动方式：在比特币上有创世区块，其中有某种艺术性的描绘，对吧？我认为艺术的描绘和讲故事是一种方式……

18:13 去真正展示正在发生的事情。他说，我们要把社区团结在一起，并且，我该怎么说呢，立下一个地标式的旗舰，在地上插一面旗，说，这就是故事，事情就是这样展开的。我认为 GOAT 系列把这些都汇集在一起。所以，当我拿到 Tim Draper 的第一笔投资时，我们只想做艺术，对吧？但今天，

18:42 DIBA 和 Bitmask 真正聚焦的是艺术，

18:45 以及比特币上的 RWA。艺术和比特币上的 RWA，这两件事非常非常重要。所以 GOAT 系列。

18:53 人们已经在维护它了。我们很早就开始了铸造，然后暂停了。现在你可以看到，GOAT 系列确实是一个比特币的故事。总共有 10,000 个藏品。

19:08 每一个都是一对一的唯一数字资产。一对一的唯一数字资产意味着，它不只是一个系列，而是非常、非常独特的个体资产，本质上是创世，创世被刻在

19:25 比特币区块链内部。我认为让大家理解这一点非常重要，为什么这是……

19:32 非凡的，因为一切都发生在链上。Bitmask 钱包本身完全是……

19:38 非托管的。所以当我做交换测试时你会看到，每当发生交换，资产会转到另一个钱包，比特币也会即时转到另一个钱包。没有什么节点之类的，不是说我们把东西经过什么环节，也不需要提现资产。没有资产提现这回事。一切都是在比特币上即时完成。比如这只具体的山羊，我们可以看到它的 RGB 创世合约。

20:04 如果我们深入看看……

20:07 为什么这一切会发生，对吧？GOAT 系列总共有 10,000 个资产。

20:15 我们有十个不同的子类别。第一个 1,000 讲的是燃烧的荆棘，也就是比特币早期、最早期发生的事情。随着大家铸造，不同的子类会依次揭晓，从第一个 1,000 一直到最后的 10,000。这些是非常独特的资产，旨在讲述比特币的故事。

20:42 我们是如何以及为什么走到 RGB，以及 RGB 今天处于什么位置。所以我个人对这个资产非常兴奋，我认为市场会给出它应有的定价。

20:54 接下来进入演示。

20:56 我现在开始演示。

21:00 演示二：钱包与 RGB Vault（测试网）

EN

21:00 我要切换屏幕，换到另一块屏幕，这意味着……

21:09 我想说，这是来自测试网的。

21:16 好，我们去这个。

21:22 好的，对。

21:23 你们能看到这个，对吧？所以，我……

21:26 啊，我们把钱包打开。每次我打开钱包，我技术上总是喜欢用全屏模式，全屏模式是了解钱包里发生了什么的最佳方式，也是查看钱包和各项活动的最佳方式。这里有一些不错的 GOAT，我在藏品里。我现在去藏品。这是测试网钱包。在测试网里，当然 Bitmask 是一只猫，对吧？所以我们用猫，铸造猫，用猫来玩、测试和观察各种东西。

21:55 每个资产，你当然可以复制合约，可以复制资产 ID。所以每次你看到一个 RGB 资产，一定要找合约、找 ID，否则你持有的很可能不是真正的 RGB 资产。随着 RGB 起飞，我认为社区真的很有必要去核实：这是不是一个 RGB 资产？

22:25 钱包里非常重要的一点是，当你查看 RGB 资产、管理发票和转账时，我们做了一个 RGB Vault，我认为这是钱包中最重要的部分。在它加载的时候，我给大家解释一下它是做什么的。Bitmask 目前是少数几个可以接收 BTC 的 RGB 钱包之一，不管是 Taproot、SegWit 还是任何形式的比特币实现。所以我们可以从所有钱包收发。

22:55 但我们做的是，把通用的比特币钱包和 RGB 专用钱包分开。我们把 RGB 专用钱包称为 RGB Vault。关键在于，我们要确保你永远不会误花你的 RGB 资产。所以……

23:12 你需要进入并设置、初始化你的 RGB Vault，它本质上就是存放你所有资产的地方。你的 RGB 资产一直在那里，百分之百在，你不会丢失它们。然后你可以进入 RGB Vault，看看各项情况。你可以看到有多少个 UTXO，看到哪个资产绑定在哪个 UTXO 上，看到你的发票，对吧？你能看到发票。

23:38 你能看到它们是否已完成、是否已支付，因为这也是我们在构建和排错过程中摸索出来的，帮助人们管理，比如，我的发票现在怎么样了？这张发票付了吗？我有进行中的转账吗？我的转账是在花费中吗？RGB 状态被接受了吗？因为当你做一笔 RGB 交易时，比特币在做它的事，RGB 也在做它的事。

24:03 还有 RGB 的状态（state）和 RGB 的存量（stock）。这些是一个好钱包在幕后处理的很多事情。所以你必须确保这一切都保持同步。RGB 的一个特性

24:15 就是，RGB 要么有效，要么无效。当你尝试做交易时，如果资产的历史有效，交易就能成功；但如果资产的历史无效，或者有人篡改了它，就不会成功。我们也把同样的理念用在了 Bitmask 的 P2P 原子交换里。我们的原子交换、我们的上架，是全有或全无的。

24:41 没有托管。你不需要任何托管。就是我，我想卖，我上架，所以我们能构建一个无脚本的 P2P 原子交换，你可以直接上架并卖给对方。一切只需要一次点击。而且没有中间人。

25:01 从这个意义上说，我们在 P2P 原子交换上不收任何费用。我们的想法是让人们可以直接交换资产，

25:09 不需要中间人。比如转账，你能看到报价，看到出价。我可以出价，然后别人可以报价。当报价完成、有人成交时，资产就会互换位置。所以 RGB Vault 是最重要的地方之一，一旦你成为高级用户，我希望你多花些时间在这里。现在，如果我回到这里，对吧？我们做的关键事情之一是，嘿，

25:35 每个 RGB 资产

25:38 都附着在一个比特币 UTXO 上，

25:40 但为了开始发布 GOAT，

25:42 第一批在链上、基于 RGB 的原子化 UDA，也就是唯一资产，

25:49 我们必须确保每个 RGB UDA 都包含 1,000 聪。所以我们把这个资产，也就是唯一数字资产，绑定到 1,000 聪上，不仅赋予它资产本身的价值，也赋予它内在的比特币价值。可以这样想，对吧？当你使用 RGB，你的 RGB Vault 里有 UTXO，你同时也在囤

26:15 你也在持有更多比特币，也在积累更多比特币。所以本质上，你越多使用 Bitmask、使用比特币、使用 RGB 资产，你就在积累比特币，并且不断积累。下面我们还有很多要做的，不过我们会逐步讲到。这就是钱包，可以收发。这些是活动记录。所以，当你进入代币页或藏品页时，一定要看“管理 RGB 发票”，或者点这个按钮直接过去。

26:42 现在我要做的是进入测试环境，看看在测试环境里能做什么。

26:51 请稍等一下。

26:53 我们开始吧。我可能要共享屏幕，这样我们才有……

26:59 好的，稍等，这是我的……

27:05 我的笔记，然后这个，我们去测试环境。

27:15 演示三：P2P 原子交换，资产上架

EN

27:15 现在我来带大家走一遍原子交换是怎么回事，

27:18 我会共享两块屏幕，我正在准备。

27:24 请给我一点时间。

27:27 嗯，新的用户体验看起来很酷。我看到你们重做了很多东西。

27:35 和最初的……

27:39 形态相比，肯定有很大变化。

27:42 是的，谢谢。我们之后也会聊聊这个。用户体验非常重要，我认为对最终用户来说尤其如此，特别是对不那么极客的人。

27:53 重要的是让他们拥有真正简单、

27:58 即时好用的东西。

28:02 所以我认为这是整个比特币生态，也包括 RGB 生态需要走的方向。

28:12 是的，非常准确，因为我是……

28:17 让东西好用，是我们所有工作的方向。我们希望让人们非常容易地使用。

28:27 我们经常和许多人交流……

28:32 好，让我看看能怎么做。我想共享两块屏幕，所以得把这块弄小一点，看看能不能覆盖。好，可以。对，我想你需要展示整个屏幕。我们看看。好了。

28:47 我正在尝试共享我的整个屏幕。

28:50 这是我的……好的，我明白了。那我现在可以继续了吗？

28:56 请继续。

28:57 好，这是 Midnight 钱包，是我在 26 号铸造的 GOAT 之一，我很喜欢 26 这个编号。（后半句音频不清）

29:08 好，我们开始吧。

29:10 对。

29:12 这是测试环境。我们去探索页面。你们能看到我钱包里的资产。所以接下来会发生什么？我要把这个测试猫 8688 上架到市场出售。有一点需要说明：当你在我们的 RGB 资产市场上架 UDA 时，你是在发出一个报价。

29:38 没有费用。

29:40 没有交易费。所以发生的事情是，你在准备这一包资产，把它们绑定、设置好，然后提供给别人购买。你只是在签署一笔交易。所以当你签署这笔交易时，任何人

29:56 都可以来购买这个资产。现在购买资产的人需要支付手续费。

30:02 对，他支付比特币手续费，交易进入比特币的出块确认。一旦交易确认，资产就互换了。

30:09 所以我现在要进来……

30:14 看看，我们来上架这个 UDA。希望我的 Vault 已经注资。你必须给 Vault 注资。如果 Vault 已注资，你就有一个随时可以移动的 UTXO，这样就可以移动它。所以要上架这个 UDA，我们做了一件事：因为目前在 DIBA 通过 Bitmask 铸造是 100% 免费的。但当你想卖资产时，比如我想卖点什么，有一个最低价格，对吧？这个最低价意味着

30:39 你通过铸造并出售资产，至少能赚到 7,000 聪，对吧？所以

30:45 最低价，任何想买的人，至少要支付 7,000 聪。所以本质上……

30:52 默认情况下，所有被铸造的资产都有 7,000 聪的下限。对吧？所以……

30:58 现在我来做固定价格上架。

31:03 7,000 聪，我可能不放 7,000，如果低于 7,000 就不会成功，对吧？

31:11 你需要以 7,000 聪上架。哦，我刚发现有个地方需要修改，对吧？因为这里显示的是……

31:19 “至少要 7,000 聪”。所以应该是“最低 7,000 聪”才是应该提供的价格，对吧？那就设成 7,001 聪。这就是我卖的价格。我不用付任何钱。上架资产同样完全免费。所以我继续，然后授权。

31:41 然后我应该回到这里。

31:44 正在同步资产钱包。发生了什么？这是个非常重要的问题，对吧？因为这个钱包现在在检查你的钱包、检查这个资产的历史：你拥有这个资产吗？你有发生过的所有状态转换吗？你有这个资产的溯源吗？一旦这一切都确认了，资产才能上架。但如果这些没有确认、哪里有问题，资产就不会被上架。

32:09 所以这就是资产上架的过程。资产上架正在进行，等它完成就会上架。我看看，你还可以做的一件事是检查，也就是看你的控制台，看看

32:26 后台发生了什么。

32:29 看看你的资产运行得怎么样。对。大多数演示其实都可以，来吧。因为我今天上架过一个。让我再试一下我的屏幕。

32:40 这是刚才新的，我们再来一次。

32:46 我的 Vault 已经注资了，确认一下。

32:51 对，我这里有一些。好。

32:54 让我们

32:55 上架这些资产

32:58 上架这个。

32:59 好了。

33:02 再来一次。

33:06 看，8,000 聪。

33:09 然后授权，我在授权。

33:16 好的。

33:18 好的，对，已经上架了。有时候如果某个环节没成功，只要刷新就会授权。比如我记得有人问我，这个钱包到底在做什么？你可以看到钱包在做大量处理。这实际上就是创世合约，如果你想成为开发者去打开看看发生了什么，就能看到。你要明白，你的资产实际上是，一切都在计算

33:43 在你的设备上。因为 Bitmask 是本地优先的，所以没有任何中心化的东西。一切本质上都是在你的设备上，对照比特币区块链和 RGB 库进行计算。所以一旦成功，你的上架就完成了。如果没有成功，记住，刷新，再来一次，就会成功。

34:06 演示三（续）：购买与交换结算

EN

34:06 现在这个资产已经上架了，我要进入这个页面，

34:10 找到这个资产，找 8688 这个。

34:16 看看能不能买到它。我应该有一些，好，我们看看，看这个，看我刚刚上架的这个。是 8，8。它的上架价是 8,000 聪。所以卖家一分钱没付，对吧？但是买这个资产的人需要支付

34:37 8,000 聪加上比特币交易手续费。然后会发生什么？资产会互换位置。我现在给你们看我的钱包。我看我的藏品。我钱包里没有这个资产。它不在这里，在 Bitmask 里不存在。

34:54 我想买它。现在在这里我有

34:58 哦，对了，这里面我有一些猫。

35:00 那是一千聪。

35:02 不过，

35:04 我是……

35:05 我有这个资产。所以当我们做交换，交换成功时，这个钱包里的比特币会进入这个钱包，同时这个资产会从这里进入

35:18 这里，对吧？所以这一个拿到它，这就是将要发生的事。

35:22 我们来准备交换。让交换发生，看着资产易手。

35:28 而且所有这一切都在链上。

35:31 好，我开始了。我要买这个资产，它会告诉你购买信息，我就说，好，确认。其中有一项是我们刚加上去的，其实无关紧要。好。现在交换开始了。弹窗出来时，我在签名。你们看不到我在签，但我在签。然后很重要的是合约。你们看，我可以直接打开检查工具。所以你们会看到实际上

36:00 有很多事情在发生，它正在经过系统。重要的是合约已经完成 50%。它在同步钱包，确认溯源是否正确。我认为这是你们在比特币上非常需要看到的一点，因为如果溯源不存在，那你很可能是在对着一张 Excel 表工作。所以非常重要的是，如果你在使用 RGB，它就是在链上运行的。

36:25 这样才合理，它确实在按应有的方式运作，因为最终当智能体到来时，智能体会去看，嘿，我们应该进入哪些资产？我们应该买哪些资产？智能体会去找链上有的东西。智能体不是人类。智能体不会撒谎。所以你看刚才发生了什么，是即时的。发生了一次交换，UDA 离开了这个钱包，进入了另一个钱包。显示已完成。

36:51 你可以在 mempool 上查看这笔交易。

36:54 我们去 mempool。我们可以在 mempool 上查看这笔交易，你可以看到它是怎么易手的。然后我们去我的钱包。看我的钱包。你看到待处理。我转出了一些钱。这个钱包的价值减少了。现在我拥有了这个资产。现在我们去这里。

37:10 我这里有更多的 BTC。所以这基本上就是 P2P 无脚本原子交换的运作方式。这太了不起了。要让它运转，需要大量的工作和大量的测试。所以每次它成功，我都非常高兴。想法是，未来人们可以拥有一个真正的市场，意味着没有人可以冻结。没有人能拿走你的资产。你对自己的资产拥有完全的控制权。

37:37 演示收尾与铸造状态

EN

37:37 接下来是什么？

37:38 我们现在正在与 UTEXO 团队一起，把 USDT 带到 Bitmask 钱包。我认为我们会开始看到人们用 USDT 购买和交易 UDA。还有很多其他有趣的东西会到来，我现在更想先保留，否则 Mari 又要来问我了。好了，这基本上就是我这个演示里要展示的内容。

38:05 演示。这就是我想在演示里展示的酷东西。

38:08 我……我们回到我这里有的这个，对。

38:13 你还有别的要展示的吗？

38:16 你知道，我大概可以展示这个，但这只是我的钱包，我的 GOAT，没有什么特别想多展示的。这样就足够了。对于那些要去铸造的人，等我们重新开放铸造，因为我们暂停了。

38:38 再说一遍，我们暂停了铸造，因为我们遇到了

38:42 我展示的所有这些东西都需要大量的容量来处理，对吧？所以我们的裸金属服务器流量太大，我们决定暂停铸造。我们这周会重新开放铸造。一旦重新开放，铸造就会继续。然后你可以铸造，可以立即上架。人们可以开始交易和购买你的资产。我建议你们把资产上架，这样别人才能购买。

39:08 你们可以交换，并体验比特币上的 P2P 原子交换。因为当你这么做时，你会为你的资产在链上创造更多溯源。而链上的资产溯源，很可能是最好的指标，尤其是当 AI 智能体或超级智能到来并接管世界的时候。这就是演示的全部内容。谢谢。

39:31 为什么是 UDA？命名与艺术理念

EN

39:31 非常感谢 Gideon。你讲得相当完整，回答了我最初想问你的很多问题。太棒了。

39:43 那我们回到开头吧。为什么是 UDA，为什么是 NFT？因为我的意思是，你当然提到了 USDT，所以你……

39:56 也会整合同质化资产，我猜除了 USDT 之外还有别的。

40:01 我们来聊聊这个。比如，你们为什么现在聚焦在 UDA 上？

40:08 以及对于未来，你们打算整合哪些资产的计划是什么？

40:13 你们将要整合的。

40:16 是的，这是个很好的问题。来点鼓声。我记得。所以，你知道，当我们拿到第一笔投资时，我的第一个产品从来不是 Bitmask。我们的第一个产品就是在比特币上做艺术。我热爱艺术。我相信艺术。我的大多数朋友在洛杉矶，都是非常了不起的艺术家。这就是为什么 GOAT 是由一位非常非常有名的艺术家创作的。所以我认为艺术

40:41 有些文化是这样的，比如我们想想人类，有一句话，我想是 Steve Jobs 说的，在一个富足的世界里，

40:52 未来的孩子们会做什么？每个人，人类都需要工作。现在，如果一切丰盛，我们要做什么？我们会去创作艺术，写诗，发挥创造力。所以我认为，艺术是我们所构建的东西里非常有意思的一个切入点。因为想想看，对吧？当 AI 智能体到来时，它们最先要买卖的东西就是

41:17 资产，数字资产，对吧？

41:20 所以我相信，UDA 是实现这一点的一种方式，对吧？这就是为什么我们拿到第一笔投资时，我就在做 GOAT 这样的 UDA。当时它叫 RGB21。当时就叫 NFT，对吧？而在这个过程中，我想，嘿，我不想把我们的 RGB 资产叫 NFT。NFT 一点都说不通。我妈妈不知道 NFT 是什么意思。

41:45 我就在想，该怎么称呼 RGB21 资产？是我想出了这个名字，唯一数字资产。我就说，那就叫唯一数字资产吧。我是在我们的一次开发会议上想出来的，那是一个很有意思的时刻。我想那是在 2022 年，我们说，就叫它唯一数字资产吧。然后就有了这段历史，对吧？因为我们也资助了一些人去构建

42:11 UDA 模式，也就是把它精简下来。我可以详细讲讲 UDA 模式为什么是现在这样，我们是如何帮助设计这个模式的，以及为什么我们资助它，对吧？不过我觉得……

42:24 对我个人来说，UDA 就是……我喜欢一步一步来做事。我认为 UDA 是我们做好这件事的最佳方式。我也非常、非常感激 UTEXO 团队，他们加入进来，补全了其他部分，这非常、非常重要，因为没有比特币上的 USDT，UDA 就无法发挥它的全部价值，对吧？没有比特币上的 USDT，我们也无法做代币化这类其他事情。所以就是……

42:56 它帮助我们在链上以及闪电网络上构建更完整的生态，让它变得更好，并防止各种疯狂的事情发生。比如，另一件事，Casey 是我的朋友，我以前在这里旧金山上过 Casey 的播客。Casey 住在湾区。

43:15 我……

43:17 或者那些票据，本质上

43:19 你知道，我从一开始就知道它不会有什么前途，对吧？有些人会赚钱，但问题是，你是想做出能比你自己活得更久的东西。你想做出下一代人可以持有和使用的东西。而这正是比特币所做的一个很好的例子。那么我们如何围绕比特币的精神去构建能够代代相传的东西？这就是为什么我们从 UDA 开始。

43:44 这也是为什么第一个可以在链上或 RGB 上铸造的唯一数字资产就是 GOAT，它讲述了比特币生态里发生过的故事。

43:56 现实世界艺术品代币化：监管与信任

EN

43:56 好的，有意思的回答，因为

43:59 问题是，NFT 在几年前确实很酷，大概到 2021 年左右。每个人都在谈区块链、NFT、代币。我想稍微挑衅一下。你认为现在还有必要继续谈代币化，以及……

44:22 嗯，我理解……

44:25 我该怎么说呢，进入比特币 RGB 的新艺术形式。我也理解

44:31 你对这种新型 NFT 的论述。但是当我们想到真正对现实中的艺术品，比如画作之类的东西进行代币化时，

44:43 你认为只做一个像这样的钱包和市场就足够了吗？

44:48 归根结底，你仍然需要监管机构来真正确认这个资产的所有权。

44:58 你认为，到最后，

45:00 这……是不是一件事？

45:02 是不是我们需要为之努力的事？它会到来吗？还是你认为人们只会继续在网上创建 NFT、在网上使用它们，而不去对现实世界资产进行代币化？

45:18 是的，我觉得这是个很好的问题。Anna，你也来说说。对，我已经说得太多了。

45:31 我觉得在这里，我们正在走向更多的实体数字融合（phygital）物品

45:36 是的，如果你去看艺术界，最初，为什么很多艺术品仍然会有赝品之类的问题？仅仅因为有些艺术品仍然依赖过时的数据库，做了很多研究，他们做的是认真的研究。

45:53 关于文档是怎样的，以及赝品是怎么出现的。

45:58 在画廊里。显然艺术有很大的价值，被用于不同的目的，比如税务权利或其他方面，但如果你要去

46:10 看艺术，为什么，但这就是现实，比如艺术品在拍卖行里价格上涨，不过我们不会在这个话题上深入，那可以另开一期播客。

46:27 你会有一个小小的技术部分，而在这里我觉得数字

46:32 物品是完美的，因为在这种情况下，好的，你仍然会有一种，你甚至仍然会有一种

46:41 在你的画作上的芯片，你可以对它进行验证，我们已经做过类似的实验。呃，我不确定，不过我们的一些成员知道，他们刚才正在和我说话，来自洛杉矶的那些做 phygital 的人，是一支非常了不起的团队，在洛杉矶、好莱坞接触到很多顶级音乐人，他们想使用实体物品。

47:06 请继续，多解释一下。好的。我们做的一个实验，我们展示过一些标签。整个想法是关于数字物品的。它是一个标签。当你用手机轻触它时，Bitmask 钱包会打开，并播放艺术家的配乐。我们做过这个实验，我想是在迈阿密。

47:28 这

47:34 当时引起了很多关注。我觉得后来被搁置了，因为你可以看到我们把自己投入到了所有行业里。我觉得这不仅仅是关于某个行业。

47:47 因为我们需要安静一年，我感受到的是对这项技术以及它可能性的兴奋。

47:57 嗯

47:58 有点让我们疯狂，因为我们对所有行业都感兴趣，想知道整个系统和基础设施如何让不同行业受益，因为我们也从

48:13 这些行业得到反馈，看到各种可能性。

48:18 关于数字艺术。对，这取决于你。嗯，因为你将能够

48:22 这

48:30 比如，我们已经做过，就像 Gideon 刚才演示的 GOAT，但显然应该是额外的文件被加密或添加进去，全部都是

48:43 交付通知。

48:45 我觉得在这里，已经有一些小部分可以更新来让它成为可能。不过，我觉得是有需求的，也已经有人提出了需求。我们也尝试过。我们试过，仍然有兴趣去做。

48:59 是的，一切都在回来。对，我的意思是，一方面，很酷的是有像你们这样的项目正在把这件事变成可能。对，我们只是在想。

49:15 是的，归根结底我们得看市场怎么走，因为，很酷的是我们可以把资产放在比特币上，可以验证它，并告诉别人，嘿，这是我那一块《蒙娜丽莎》，我可以卖给你。但与此同时，我觉得现在我们仍然需要某种法律

49:40 机构来验证它。所以如果未来能看到这样一个市场，人们只相信比特币，而且某个时候不再需要任何机构来验证，那就太酷了。我们拭目以待。我们拭目以待。仍然很有意思。这是一个非常有趣的案例。

50:02 我最后补充一句，抱歉打断。其实已经有一些监管了，因为你……

50:09 伦敦的一家画廊，他们在销售一些数字艺术。我现在想不起名字了，不骗你，但他们是最早展示 NFT 的之一。所以我们在做 NFT 的拍卖。

50:24 NFT 展览，同时他们也在把一些艺术家的作品作为 phygital 艺术来出售。

50:29 所以我确实认为已经有一些监管存在了。我想在美国、欧洲或亚洲可能会有所不同。

50:38 这方面已经有一些总结了。

50:42 好的，我就是这个意思。所以如果市场有兴趣，我们就会看到相应的关注。很好。谢谢，谢谢你这么说。看来有些东西在推进。

50:52 社区提问：拍卖与其他资产类型

EN

50:52 关于这个，Telegram 聊天里其实有一个问题。

50:57 它说，在现实世界里，拍卖有各种各样的机制，比如密封竞价、第二价格拍卖。

51:07 团队是否研究过其他拍卖模型，可能更适合或更高效地用于艺术品以外的各类数字商品？如果有，你们的发现是什么？所以我猜他是在问，你们有没有对艺术品以外的其他东西做过研究，用你们的项目来代币化。

51:30 是的。所以我的意思是，这有一点……

51:36 是的，是的，这是个很好的问题。我的意思是，如果你看我上架资产时，你会发现可以以固定价格上架，也就是我们现在有的，或者你可以以拍卖方式上架。所以本质上，明年我们会再次在链上推出拍卖，这样很多人，多个人可以出价。我们在这类事情上做过一些研究。你知道，我认为这只是开始，对吧？在这整个时期我学到的一件事，就是一件接一件地做。

52:04 你知道，同时做所有事情是行不通的。我们有一个非常宏大的愿景，你们不知道这个愿景有多大。

52:11 我们想一件接一件地做，在进入下一阶段之前，先把一件事做好。我认为代币化……实际上我的一位投资人，非常了不起，他在资本市场做过数十亿美元的业务。所以我们对这件事非常非常关注。我猜他投资了 DIBA、投资了 Bitmask，那是很早很早以前，2022 年的事。

52:36 他投资我们，是因为他知道这个世界正走向何方。所以会有很多事情发生，而最重要的是，我们要能从第一性原理出发，把这些事情从根本上做成。

52:49 收尾理念：优化功能，忽略形式

EN

52:49 我想用我最喜欢的一句话来结束，一句我一直记在脑子里的话。

52:56 优化功能，忽略形式。

52:59 优化功能，忽略形式，意思是

53:02 就像。

53:04 一样东西的用途，也就是人们如何使用它，总是会变化。形式总会变，但功能需要被优化。比如金钱。很久以前在非洲，或者世界各地，我们用贝壳，甚至石头当作货币。人们需要货币，需要有货币这个东西，但谁在乎是石头呢？后来它突然变成了硬币，再后来变成了纸币。

53:29 再后来突然变成了数字形式。突然人们都在说，区块链、区块链、区块链。但归根结底，所有这些的未来，会落在一个平台上，具体来说就是比特币，一个没有人能真正攻破的、抗审查的、对全世界免费的、可以被 AI 智能体验证并获得它们认可的平台。所以

53:55 我们真正要专注的是，如何更好地服务人类？如何更好地服务智能体？用真正安全可靠的技术，去保护全球经济和全球财富，帮助财富在世界各地点对点流动，不需要中间人。我认为这才是 RGB 社区真正的意义。也是自 2020 或 2021 年以来让我对 RGB 兴奋不已的原因。

54:21 直到今天我依然兴奋。所以什么都没有变。花了很长时间，但我们终于走到了可以开始把这种价值带给人们的地方。

54:30 太棒了。正如我说的，你非常看好。你一开口，我就非常兴奋，你把对 RGB 和整个生态的满满能量传递了出来。

54:43 备份、助记词与 Carbonado

EN

54:43 那我再问几个

54:48 更偏技术的问题。我很喜欢你谈到资产的验证，以及人们需要去核对 ID，确认它是一个真正的 RGB 资产。

55:00 确认它是以正确的方式铸造的，等等。我还想问一个对我来说也非常重要的问题。备份呢？

55:10 因为

55:12 Bitmask 如何处理数据备份？你能具体说说吗？

55:19 还有，抱歉，我再问最后一个问题。如果人们丢失了助记词，资产的数据会怎么样？这是个非常好的问题。对。这是我们很早以前就在苦苦思考的问题，因为早期做 Bitmask 的时候，当时有 Ordinals 之类的东西。所以我们纠结于这样的问题：

55:45 资产到底存放在哪里？怎么备份？如果丢了东西怎么办？如果你有助记词，我们如何确保 UDA 与助记词关联，并且能跨钱包迁移，依然是同一个东西，保持比特币点对点、去中心化等特性？这促使我们构建了 Carbonado。Carbonado 是由我们早期的一位工程师开发的。

56:10 我称他非常古怪。

56:12 是我们一位非常古怪的工程师。他的名字是 Hunter Beast。大家认识他，是因为他是提出 BIP 360（抗量子比特币提案）的人。他是 BIP 360 的设计者，也是我们最早期的工程师之一。所以，Carbonado 本质上是

56:31 我会称之为给真正偏执的人用的存储。如果你对未来感到偏执，那你就该使用 Carbonado。Carbonado 是我们构建的，它是开源的。你去 carbonado.io 就能看到，它是开源的。Bitmask 使

用 Carbonado 来存储所有 RGB 状态和 RGB 资产。具体来说，你的 RGB 状态是加密的，由你的私钥加密。

56:57 所以一切都是加密的。你的私钥可以按顺序解开所有内容。所以你做的每一笔交易，实际上都是在解密、加密并为自己备份，用 Bitmask 做这些的时候全都同时完成。这需要大量的工程工作，花了很长时间，看起来像是出了问题，但那是因为各层之间有太多事情在同时发生。

57:18 每一层都必须同时完美运作，整件事才能成立。所以，Carbonado 本质上就是我们构建的存储层。

57:28 用来帮助

57:29 存储 RGB 资产，然后备份它们，再让它们在市场中流转，让一切运转起来。我想我们大概应该专门为 Carbonado 办一场通话，到时我会请 Hunter 来。那一定会非常有趣。它本身就是一整个产品。对，就是这样。

57:49 好的，我们将来一定会谈到它。

57:53 这样大家就记得 Carbonado 了，我们可以再回来找 Gideon 聊它。

57:59 闪电网络、旧版钱包与互操作性

EN

57:59 太好了。很高兴看到你们也在

58:04 关注这一点。

58:06 还有，我们快接近通话尾声了，为了百分之百确认，

58:16 我该怎么说，为了把一切说清楚，Bitmask 目前当然是在主网上，也就是比特币主网上。

58:30 所以交易实际上是在区块链上，而不是在闪电网络上。

58:36 你们是否也在考虑整合闪电网络？

58:41 是的，当然。

58:45 谢谢你的提问，我还想说说我们的

58:53 正如 Gideon 之前提到的，我们是一步一步来。所以我们的主要方式是

59:02 先做出可靠的、全面的愿景，然后再做其他事情，

59:06 比如闪电网络交易和结算基础设施。整个想法是，我们之所以从 UDA 开始，也是因为我们花时间开发的那份精力。正如我们在通话开头所说，说实话，今年我们从零开始，一层一层地重建了整个基础设施层。

59:28 从零开始，因为我们想确保所有新钱包都能非常顺畅地运行。我们也试着破解代码，查看过去创建的旧钱包存在什么问题，因为我们最初版本的钱包使用的是 12

59:46 词助记词。之后升级为更安全的 24 词助记词。之后，特别是我们的用户，他们可以证明所有权。但在导出钱包时，有些地方出了问题。比如，我们有那批 GOAT 的早期版本，极其微小的收藏品。但持有 GOAT 早期版本的那些钱包，

1:00:09 比如，现在他们要铸造 GOAT 会比较复杂。人们能够认领回来吗？可以，绝对百分之百可以。我们是否需要破解一些代码，弄清楚各层之间的冲突在哪里？是的。正如你们在演示中看到的，Gideon 展示了 GOAT 的早期版本。所以我们找到了解决方案，但需要一些时间。这就是为什么我们说，在主铸造之后，人们可以重新认领他们的 GOAT 早期版本。

1:00:36 所以，我们会专注并支持闪电网络吗？当然会。

1:00:43 Anna，你说得太好了，我很喜欢你刚才说的。事实上，我可以告诉你，我们已经做过闪电网络了，只是在幕后，我们没有急于公开，没有必要。我们想确保，事实上，我不知道大家是否知道，我们也是最早的钱包之一。我亲自测试过用 UTEXO 桥把 USDT 桥接到 Bitmask。

1:01:08 我记得 Twitter 上有一段视频。我已经在主网上做过，用的是 UTEXO 的第一个版本，用来确认这条路可行，这也是我们时间线的一部分，以及我们计划如何整合它。所以，我们基本上已经触及了 RGB 系统中的所有环节。我们知道每样东西在哪里。我们百分之百热爱闪电网络，闪电网络是正确的方向，会成为非常巨大的事物。所以我们只是

1:01:34 一步接一步地走，对吧？醒来，走第一步，然后继续。Diana，请说。我也想补充一点，Gideon，因为我觉得这是我在社区成员和其他人中看到的问题，就是不同钱包之间的互联和支持，交易是否可行等等。当然，是的，这也是我们的优先事项。我们愿意和更多社区成员做更多测试。

1:02:00 我们乐意提供支持，因为我觉得这里的主要问题并不是我们这边的问题，而是钱包运作方式的差异，P2P 交易需要什么，这些都是很小但很多的技术细节。但当然，让我们的产品能够与生态中的所有其他产品互联互通、互相支持，也是我们的优先事项，因为归根结底，我们的目标

1:02:28 是为用户打造优秀的产品。我们不想限制他们，也不想成为垄断者，比如让他们只能用我们的产品来持有 UDA 之类。所以我认为，正如我们所说，我们在各个方向都有关注。过去几年我们也做了很多，意识到了自己方法上的一些错误，我想是因为我们的兴奋，以及想尝试尽可能多

1:02:55 机会的愿望。所以现在很多东西已经准备好了，但我们在慢慢发布，一次走一步。现在的重点是 GOAT。大家期待着它重新开放铸造，因为目前铸造暂停了。我想我会把新用户指南发出来，因为我看到更多评论问怎么操作、不明白要做什么。所以，对。

1:03:19 这也很棒。你们提出了一个非常重要的观点：归根结底，生态是一起前进的。对，有竞争，但也有很多合作。我非常高兴看到许多不同的项目现在在合作，甚至包括新创建的项目。这太好了。我认为我们需要一起前进。我认为闪电网络也会是一样的。

1:03:46 社区提问：Bitmask 这个名字怎么来的？ EN

1:03:46 从 RGB 团队的开发者，到生态中将要整合它的所有项目。那么，我还有最后一个问题，来自一位想听点八卦的用户，因为在 RGB 里，比特币爱好者都喜欢一点八卦，谁在乎技术问题呢？

1:04:11 那不是我们的部门。哈哈，再见。好的，太好了。我们也喜欢八卦。所以来自 X 上用户的最后一个问题是：你们是怎么想到 Bitmask 这个名字的？为什么选它？背后的灵感是什么？

1:04:36 名字背后的故事。我知道这可能要讲 30 分钟，所以大家手下留情。其实，Bitmask 这个想法，

1:04:56 是在我们意识到 RGB 里没有钱包的时候产生的。

1:05:00 没有钱包与 RGB 的结合，也没有网页钱包。那是 2022 年。

1:05:03 然而与此同时，

1:05:06 我参加了一个项目，Tim Draper 是比特币亿万富翁。

1:05:11 Tim Draper 是比特币亿万富翁，也是最大的比特币投资人之一。

1:05:15 我参加了一个项目。他投资了我们的公司，因为他相信我们所做的事情和我们的愿景。

1:05:21 而且他

1:05:24 我进入了 Draper University 的团队。那是一个面向 Draper 创始人的项目，对吧？我参加了这个项目。

1:05:32 项目中有一件事叫地狱周。我们去沙漠待一周，有一些军队里的人参与。会有大量训练，我们很晚睡，清晨起床，有很多活动。本质上是要让你几乎像个军人，锻炼你的心态，让你更有韧性。

1:05:54 有一天晚上，大约午夜，我们在围着篝火，Tim Draper 也在，我们在聊天、分享故事。他对我说，嘿 Gideon，我觉得

1:06:05 你的背景。我不知道大家是否知道，我会说俄语，在世界各地生活过。你的背景和各种经历，会帮助你为比特币打造一个独特的产品。我当时在跟他聊他投资公司的经历，

1:06:21 并问他是什么让公司成功。其实是他给了我做钱包的想法。他没有说去做钱包，但他说了一些事情。他说了某些事情，

1:06:36 当你做到这些，你很可能就会有一家成功的公司，

1:06:40 按照他的看法。

1:06:42 这让我走向了做钱包。我按照应该怎么做的方式去构建，不过我们还处在早期，计划还没有完成。这就是 Bitmask 钱包真正诞生的经过。

1:06:56 接着是命名。我想，好吧，我该叫它什么？它应该是，MetaMask 是一个非常好的钱包，我以前用过 MetaMask。我想，它应该是比特币的 MetaMask。那我该叫它什么？

1:07:10 Mask。

1:07:11 就是这样。没花多少功夫。对。我猜你之后的故事呢？不，好吧，我想说，你讲的是长版本，我们就是决定做比特币的 MetaMask，所以叫它 Bitmask，也许这个名字没那么有创意。我们不会只叫它这个。不过我来讲讲 Bitmask 的猫是怎么来的，因为 DIBA 其实很简单。DIBA 最初来自

1:07:36 Digital Bitcoin Art（数字比特币艺术）。所以是 DIBA，但我们想让它与比特币更相关。所以我们在上面加了一道闪光，也暗示它会很轻盈，并支持这个应用。

1:07:47 但我们又想，Bitmask 只配一道闪光还不够。于是我们开始想各种动物，当然，MetaMask 是狐狸。我们甚至在野外自然界里搜索，谁能和狐狸打，谁能战胜狐狸。然后我们找到了猫。而且 Hunter 是我们最早的开发者之一，开发负责人，IT 部门总监，

1:08:12 他养了两只猫，痴迷于猫。我们就这样开始琢磨，然后不知怎么就说，好，猫是个好主意。还有那些关于猫的笑话，我们甚至找到了一段狐狸和猫打架、猫战胜狐狸的视频。我想那是在比特币还很小众的阶段，

1:08:31 类似

1:08:32 我们甚至发了出去，传播得相当广，还招来了以太坊社区的一些评论。不过，整个想法就是这样。我觉得这不是在名字上追求极致创意，更多是在产品本身的技术上更懂行、更有创意。但对，就是这样。说得好，Bitmask 的猫。谁不爱猫呢？

1:08:57 结束语

EN

1:08:57 我的信息流里时不时就会冒出一只猫的视频，我就得看，谁能不看猫的视频呢？所以选得好，选得好。谢谢你们讲的这个小八卦。那么，所有正在看这场通话的朋友，现在你们可以找到 Bitmask 的网站，如果你们

1:09:23 扫描这里的二维码。大家一定要去试一试，也要测试一下。还有一点很重要，也是我每次和项目方通话时一直会说的。

1:09:38 试用产品，向所有者和开发者反馈意见，因为这是他们改进产品所需要的。我相信 Gideon 和 Anastasia 会很乐意阅读评论和他们能得到的任何反馈。

1:09:52 如果你想了解 RGB，这是我们的网站，RGB.info。我们会在那里发布所有关于 Bitmask 的新闻。接下来几天可能会有一些剧透，关于 Bitmask 的文章。

1:10:07 我们还会发布生态中的所有新动态。所以大家一定要去看看我们的博客板块。最后但同样重要的是，我想做一个免责声明。RGB 协会和 RGB Bitcoin 频道乐于推广教育，也乐于展示生态中的所有项目。话虽如此，我们并不支持任何特定的

1:10:34 资产、UDA 或代币，所以使用一切内容请自行承担

1:10:40 风险，并做好自己的研究。

1:10:45 基本上就是这样。如果你们想看到其他项目，请告诉我们。我们也很乐意收到大家的反馈。谢谢 Gideon 和 Anastasia 今天参加这场通话。希望将来很快再见。我们提出了很多有趣的观点，我认为

1:11:06 还需要更多研究，更多讨论。

1:11:12 所以，再次感谢你们陪我度过这一小时十分钟。哇。

1:11:19 是的，我还愿意在这里待更久，有太多可以聊的了。非常感谢邀请我们，这是一次非常愉快的经历。谢谢。对了各位，GOAT 稍后会重新开放铸造，请给我们一点时间。也许一周之内，我们就会再次开放，到时候你们就可以铸造了。

1:11:40 非常感谢。

1:11:41 好的，最后但同样重要的是，请大家加入我们的 Telegram 群聊 RGB。各位，回头见。祝大家本周余下时间愉快。

1:11:53 大家再见。

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