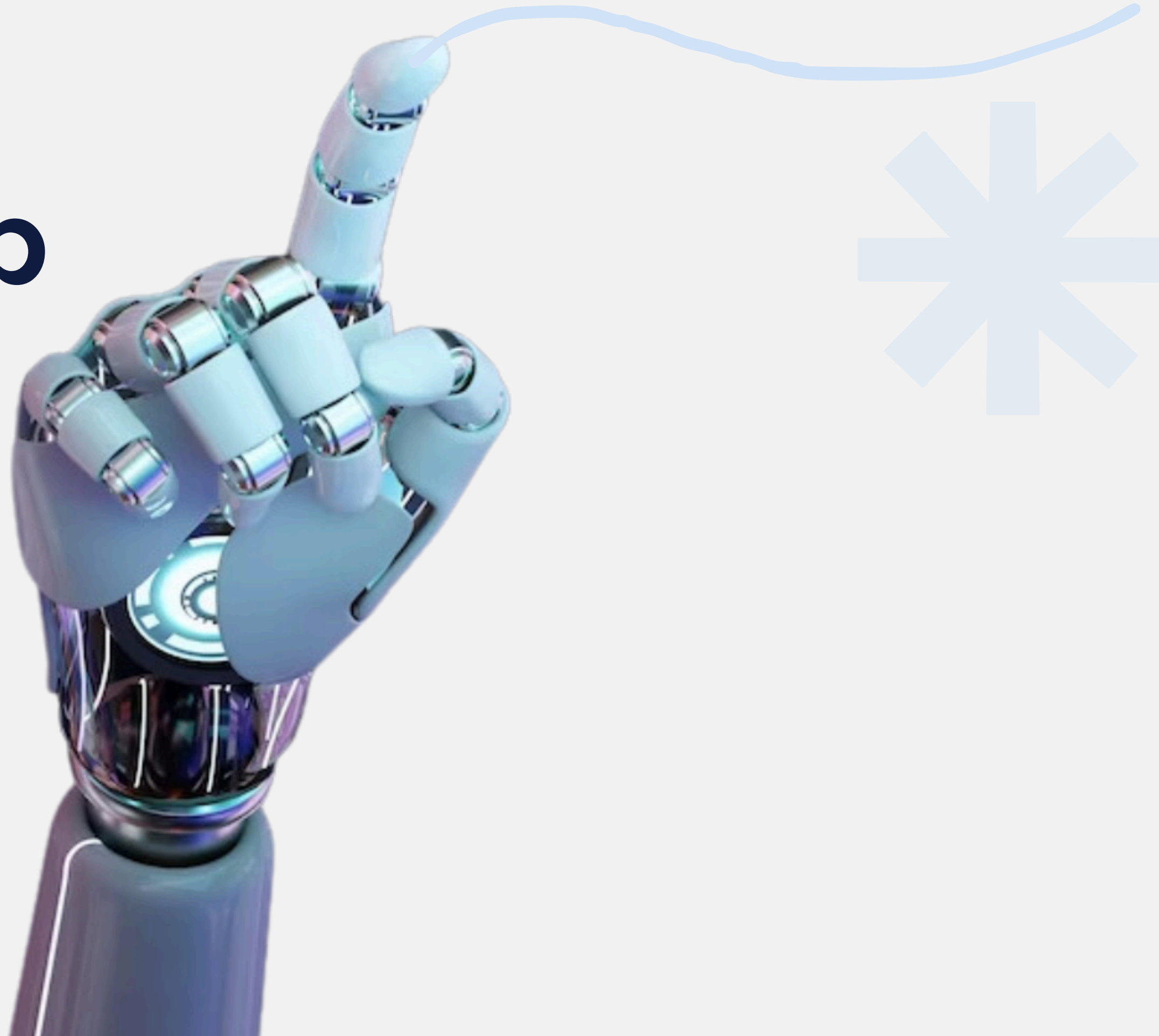


OriginStamp

Revolutionizing Art
Authentication in the AI Era
with ICP



WCHL25
QUALIFICATION ROUND

Tim OriginStamp



Yohanes Kevin
Gilang Pratama

Web3 Developer, Fullstack



Ananda Kevin
Refaldo Sariputra

Blockchain Developer



Budi Komarudin

Blockchain Developer,
Infrastructure Engineer



Vinsensius Kurnia
Putra

Frontend Developer

Problem

- AI blurs human vs. machine-made art → trust crisis
- 50% of art in circulation estimated fake
- Human-made art sales drop -23%
- 87% believe artists deserve compensation when AI mimics styles
- No transparent, immutable proof of creative process exists

← Post

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This piece of shit accused an actual artist of using ai art simply because the fucker didn't know who they were and it was "too good" but also "not at all".

This loser who feels the need to police art led to that person deleting their account.

Who are you sorry to, you scumbag? You aren't sorry at all, you revel in your shitty little cancel culture and you, along with people like you, love to harass artists.

This has happened for far too long- artists "draw the wrong thing", "the wrong ship", and NOW they get to accuse them of ai art.

You're an absolute waste of fucking space and so is every other person who harasses someone over art. It's one thing to not like something, it's another to harass someone on and off platform and make them delete their work.



@_9_sp · 15h



[r/sailormoon](#) Inquiry regarding the post being removed:

[expand all](#) [collapse all](#)

[–] to [/r/sailormoon](#) sent 4 hours ago

Hello! I have tried to post my fan art video of Sailor moon where I feature my artwork (renders of 3d sailor moon scene made from scratch by me), but unfortunately it got removed by one of your filters. Could you please help me figure out what went wrong with the post and what I can do to pass through? Thank you in advance!

[Permalink](#)

[–] subreddit message via [/r/sailormoon](#) [M] sent 12 minutes ago

I removed it because it reeks of AI, which isn't allowed.

[Permalink](#) [Delete](#) [Report](#) [Block Subreddit](#)

[–] subreddit message via [/r/sailormoon](#) [M] sent 12 minutes ago

You have been temporarily muted from [r/sailormoon](#). You will not be able to message the moderators of [r/sailormoon](#) for 28 days.

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You've accused a really good artist of using AI and started acting like the fucking victim



0:01



167,6 rb+ penayangan · 9 bulan yang lalu ·

This New Twitter Artist Was Called Out For Using AI Art...

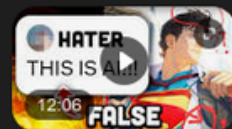


... App. viyaura New 361K views · 32:20. Go to channel · Artist Accused of AI Usage Found Guilty Of TRACING Instead. kat 'n chat•399K views.



16,2 rb+ penayangan · 1 bulan yang lalu ·

This Person Claimed The Art Was AI...The Public Disagreed



... twitter: <https://twitter.com/katlientee> tiktok: <https://www.tiktok.com/@katlientee> Accused of AI 05:26 Furry Ragebait? 07:12 Art Theft.



3 momen penting di video ini



27,2 rb+ penayangan · 6 bulan yang lalu ·

Twitter MAD Over Vtuber's AI Art Take...



Vtuber CANCELED For AI ART And Their HAIRSTYLE. kat 'n chat•62K views · 21:49 · Go to channel · huge ai art accusations. wasabiato•119K views.



Jan 11



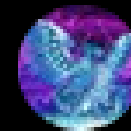
The internet would be so much better off without the art police. Useless, worthless trolls, perpetually assmad because they have no fucking talent and know it, so they take it out on people who do.

2



26

4.1K

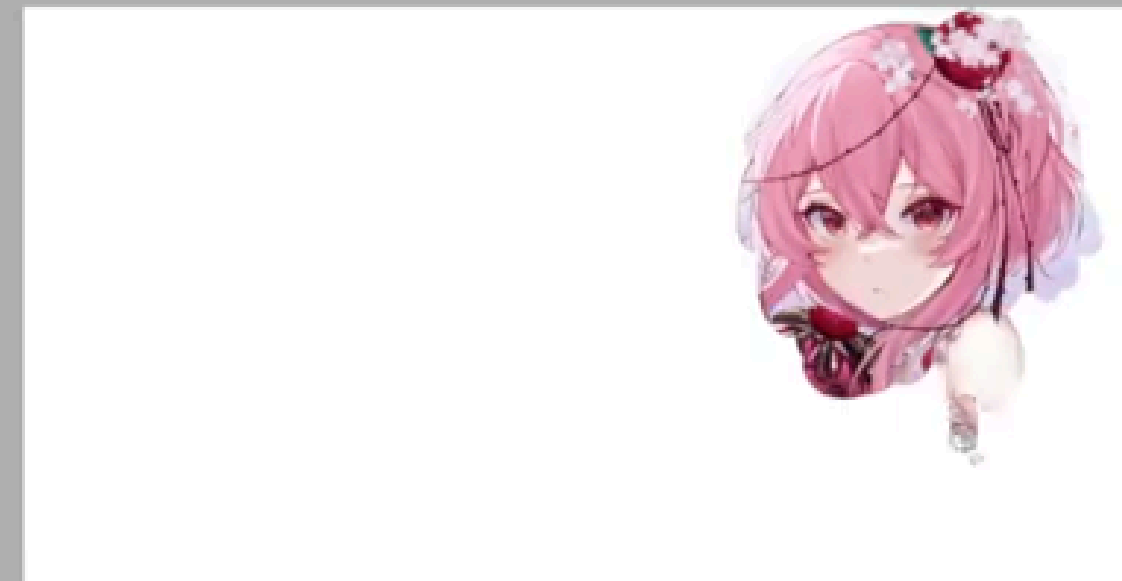


This is the person whose false AI art accusation made an artist leave the platform.

7:55 AM · Jan 11, 2025 · 1,209 Views



Everyone keeps accusing me of using AI art so here's proof that I drew this myself!! >:((



0:13



Solution

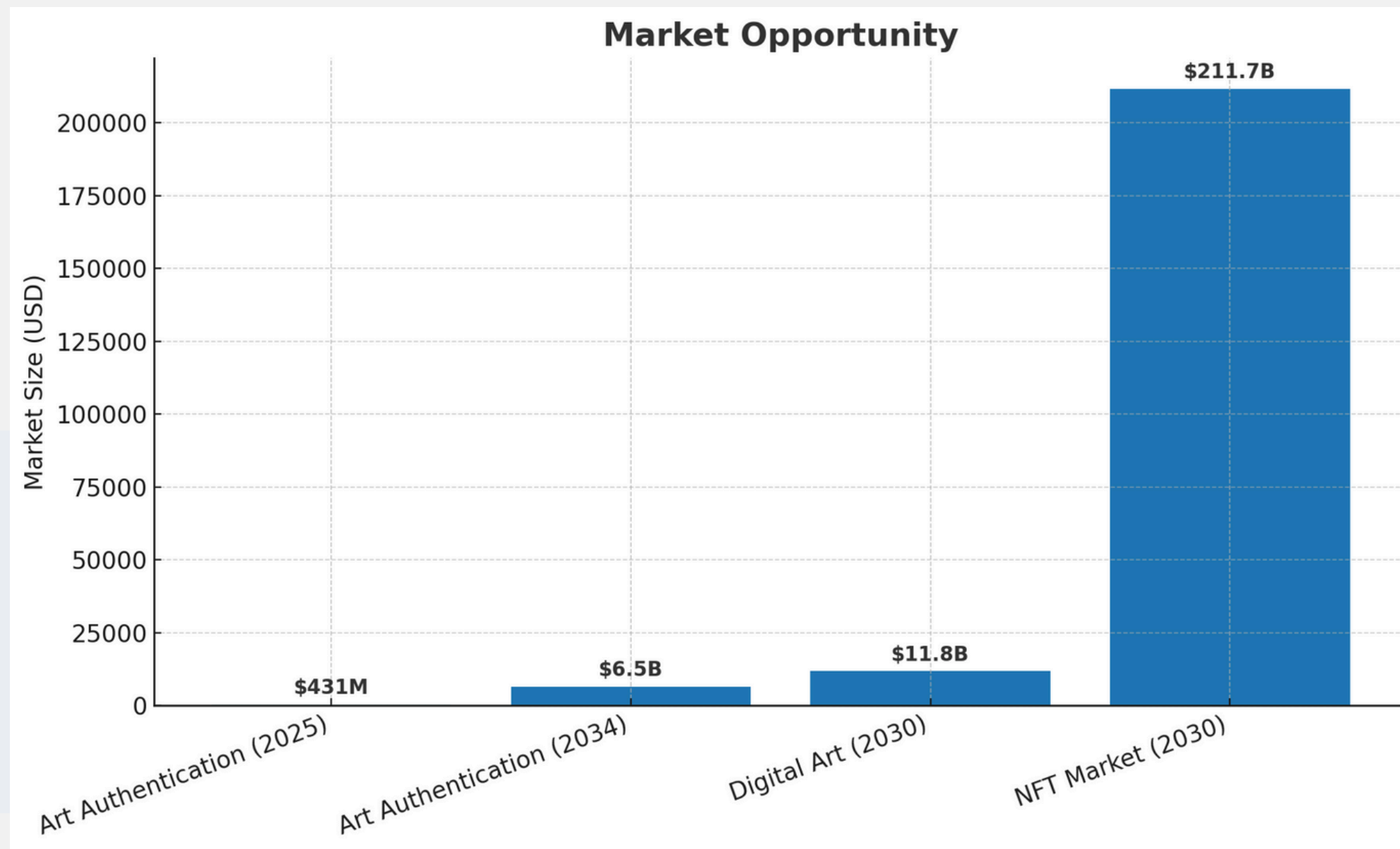
ORIGINSTAMP – DAPP ON ICP

- Records creative process step-by-step (immutable)
- Issues dynamic NFT certificates of authenticity
- Protects artists' IP, boosts collector trust
- New standard for provenance in the AI era

How It Works

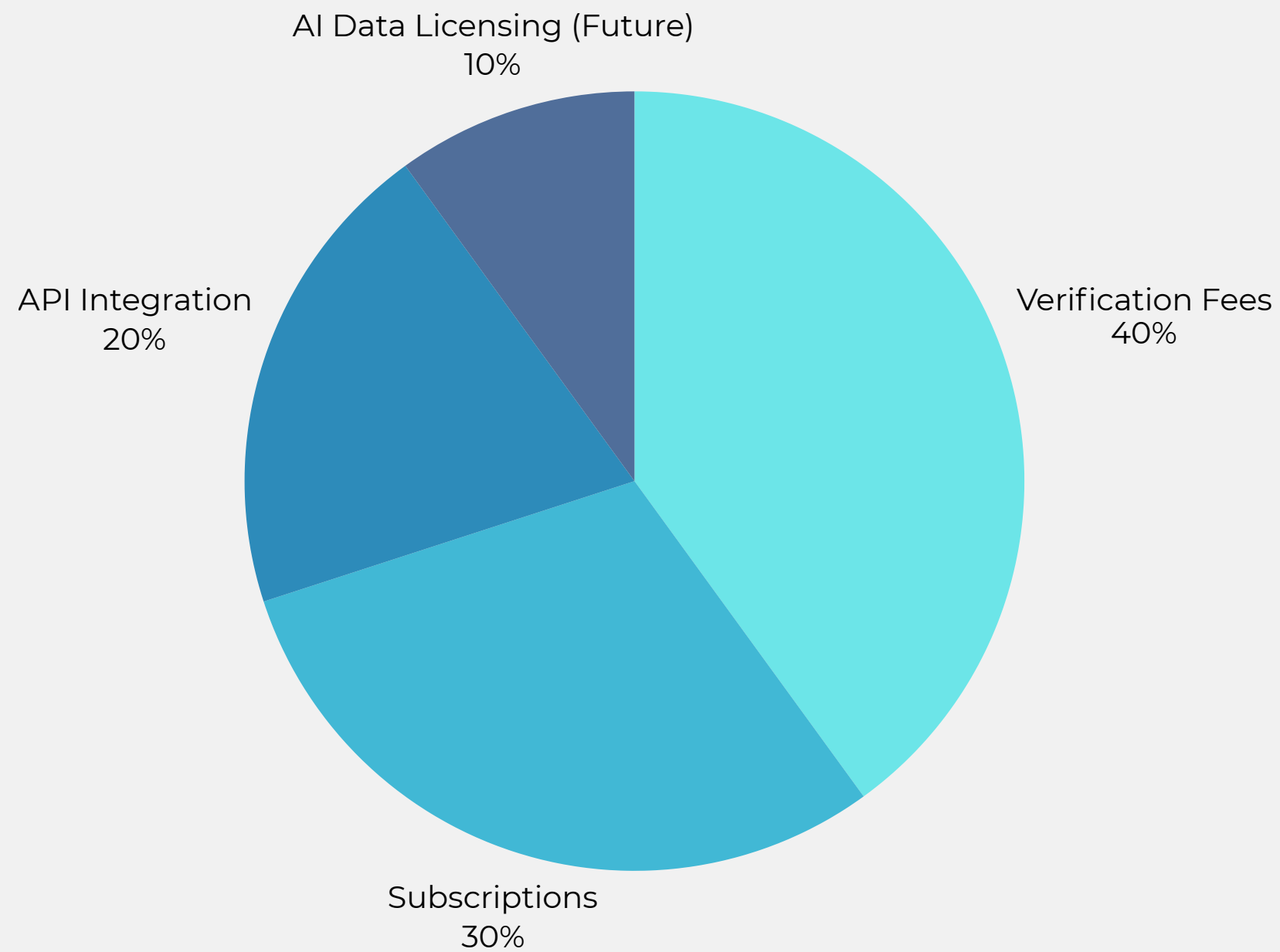
Aspect	Digital Art	Physical Art
Recording	Automatic via plugin	Manual photo upload
Storage	ICP canisters only	ICP + S3 integration
Real-time	Yes, automatic	No, manual batches
File Size	Small metadata	Large image files
User Effort	Minimal	Moderate

Market Opportunity



- Art authentication: \$431M (2025) → \$6.5B (2034, CAGR 35%)
- Digital art: \$11.8B (2030)
- NFT: \$211.7B (2030)
- Targets: digital & traditional artists, galleries, collectors, NFT marketplaces

Business Model



- Pay-per-verification fee
- Subscription for premium features
- API integration for NFT marketplaces
- Future: Ethical AI data licensing
- Adoption: Founding Artist Program (1,000 free slots)

Competitive Advantage

Kompetitor	Main Focus	Market Weaknesses / Gaps	OriginStamp advantages
ProofIDidIt	Direct video proof at the time of creation	Less integrated with digital workflow, can be inconvenient.	Seemless plugin integration , automatically recording process data.
CheckHC, Yakoa	Content certification & Ai detection	Focus on binary verification (human vs AI) of the final output.	Proving “why” a work is authentic through process recording, not just “what”.
Verisart, Artory	Ownership & provenance certificates	More focused on transaction history, not the creative process itself.	Deep creative provenance , not just ownership provenance.
Humanity Protocol	Human identity verification (biometric)	Proves who created it, but not how the work was created.	Complements identity verification with workflow verification that cannot be falsified

ICP Integration & Tech Challenges

ICP Features:

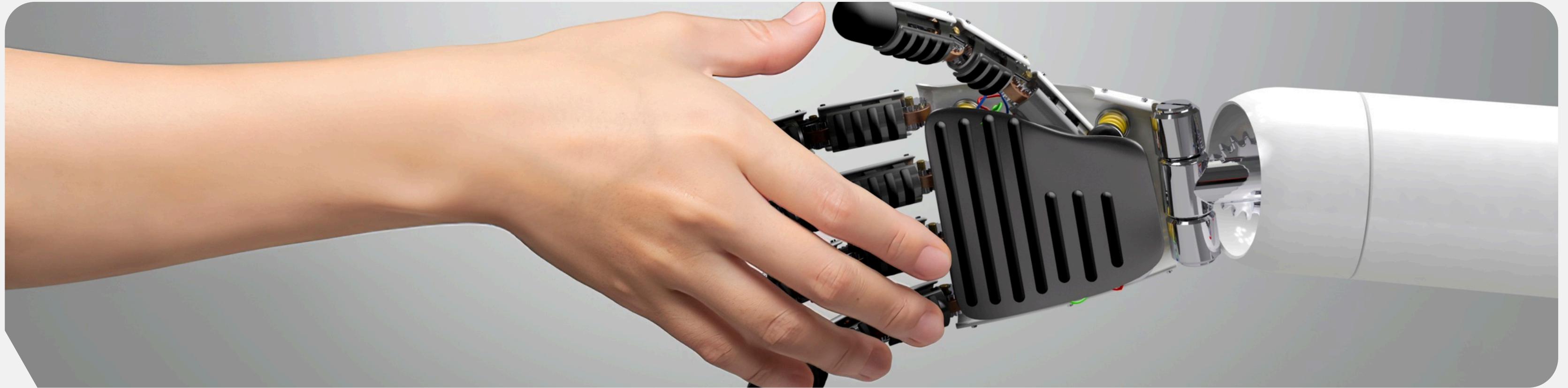
- Internet Identity Integration: Secure, hardware-based authentication without seed phrases
- Reverse Gas Model: Platform covers transaction costs, providing frictionless user experience
- On-Chain Data Storage: Efficient and affordable storage of extensive log data directly on-chain
- High Performance: Fast finality and speed necessary for real-time creative process logging
- True Decentralization: Every component runs on World Computer, ensuring security and longevity
- Candid Interface: Auto-generated TypeScript interfaces for seamless frontend-backend communication
- Canister Management: Rust-based smart contracts with modular architecture (Users, Sessions, Certificates, NFTs, S3)

Challenges:

- User Adoption Strategy: Critical challenge is how to make people actually use our platform. Need comprehensive go-to-market strategy
- ICP Cycles Management: Currently facing shortage of ICP balance to convert to cycles for canister operations
- Technical Complexity: Balancing user experience with blockchain complexity
- Market Education: Explaining the value proposition of "Proof of Process" vs traditional AI detection

Roadmap





Conclusion

ORIGINSTAMP = TRUST LAYER FOR HUMAN CREATIVITY

- Protects artists' IP
- Restores trust in the art market
- Unlocks new Web3 provenance standard

Thank You