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Competitors at the cryptographic signing layer today

BLOCKED

PRE-MEMPOOL

QuantChainAnalysis

The Only Pre-Broadcast Blockchain Compliance System

EBC STARTUP BATTLE 2026 · BARCELONA

Praveen Giri · contact@quantchainanalysis.com · Stuttgart, Germany · Patent Pending DE 10 2026 001 732.7



Every AML tool on the market fires too late.

Post-settlement AML vendors all operate after a transaction settles. By then the funds are on-chain, irreversible, and already laundered.

Bybit Exploit

\$1.46B

Feb 2025

Largest crypto theft in history. Funds moved cross-chain within minutes of on-chain settlement.

KelpDAO Exploit

\$292M

2025

Flash loan attack. Every post-settlement alert fired after funds were already irreversible on-chain.

Aave Oracle Attack

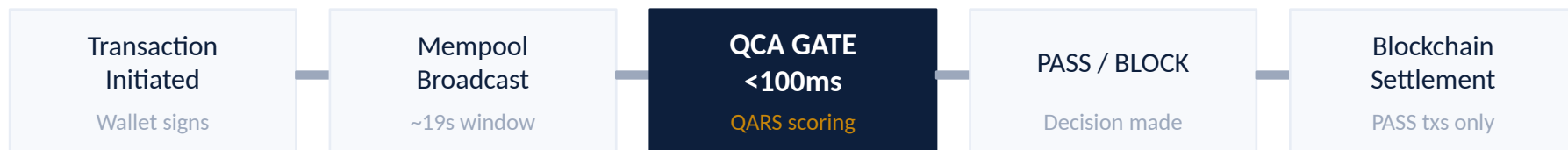
\$71M

2025

Oracle price manipulation. Three transactions across a 19-second mempool window. No system intervened.

 **MiCA Article 68 mandates pre-broadcast blocking — a requirement no existing AML vendor satisfies.**

QCA gates every transaction before it reaches the blockchain.



①

Biometric Gate

TEE/SGX commitment scheme. No raw biometric stored. GDPR-compliant by design.

②

QARS Scoring

10-dimension quantum amplitude model. Born rule interference. Score 0-10 in <100ms.

③

Forensic Ledger

HMAC-SHA256 server-signed PDF. SHA3-256 + Keccak hash chain. Court-admissible.

④

SAR / FATF

Pre-filled SAR/STR for 5 jurisdictions. FATF Rec 16 Travel Rule auto-generated.

Three regulatory frameworks. One technical requirement. One vendor.

01

MiCA Article 68

Deadline: July 2026 — NOW

All EU CASPs must implement effective systems to prevent financial crime. ESMA guidelines explicitly require pre-broadcast blocking capability. 300+ regulated exchanges legally obligated to act. QCA is the only system that satisfies this technically.

02

FATF Recommendation 16

Active — ongoing

Every cross-border crypto transfer must carry verified originator and beneficiary information. QCA's FATF endpoint auto-generates the required structured document from gate data, saving compliance teams hours per filing.

03

GENIUS Act NPRM (US)

April 2026

FinCEN/OFAC notice of proposed rulemaking explicitly describes a pre-broadcast blocking capability class. QCA is the only patent-pending system matching the described technical architecture.

The numbers that make QCA non-optional right now.

Addressable Market — USD Billions

**Pre-Broadcast
(QCA Target)** **\$180M**

**EU+US VASPs
(SAM)** **\$4.2B**

**Global AML
(TAM)** **\$14B**

✓ QCA's signing-layer space has 0 direct competitors today

300+

EU exchanges legally required to comply with MiCA Article 68 by July 2026

19s

Mempool window — the exact gap QCA operates in before settlement is final

\$0

Revenue generated by any pre-broadcast signing-layer compliance vendor — until QCA

Jul '26

MiCA enforcement deadline — 300+ exchanges need a solution now

10 production API endpoints. Deployed and available now.

ENDPOINT	TIER	FUNCTION	DELIVERS
/analyze	All	Single wallet QARS score	Risk 0–10, PASS/BLOCK decision, OFAC status
/analyze-batch	Pro	Batch — 500 wallets/call	Batch scores, summary stats, cryptographic hash
/forensic-pdf	Pro	Server-signed PDF report	HMAC-SHA256 signed, court-admissible document
/sar-report	Pro	SAR/STR auto-filled	5 jurisdictions: DE, EU, US, UK, AU — filing-ready
/fatf-travel-rule	Pro	FATF Rec 16 report	Originator/beneficiary structured document
/monitor	Enterprise	Real-time wallet watch	Hourly scan, webhook alert on suspicious activity
/ofac-sync	Internal	Live OFAC SDN pipeline	Daily US Treasury fetch — 1,000+ crypto addresses



API SaaS — monthly subscription, four tiers, instant self-serve.

RECOMMENDED

FREE

€0

forever

5 / day analyses

- ✓ QARS risk score 0-10
- ✓ Gate decision
PASS/BLOCK
- ✓ OFAC SDN screening
- ✓ Developer & trial access

PRO

€699

/month

5,000 / day analyses

- ✓ Everything in Free
- ✓ Server-signed forensic PDF
- ✓ SAR/STR auto-generation
- ✓ FATF Travel Rule reports
- ✓ Batch 500 wallets/call

ENTERPRISE

€3,499

/month

Unlimited analyses

- ✓ Everything in Pro
- ✓ Pre-mempool gate SDK
- ✓ Dedicated API endpoint
- ✓ Real-time monitor + webhooks
- ✓ SLA 99.9% uptime

SOVEREIGN

Custom

contract

Unlimited analyses

- ✓ On-premise deploy
- ✓ White-label branding
- ✓ Law enforcement endpoint
- ✓ Government procurement
- ✓ Classified briefing

Unit economics — 10 Pro = €6,990 MRR · 1 Enterprise = €3,499 MRR · 1 Gov contract = €50K-500K+



Three layers. Only one operates before the blockchain ever sees the transaction.

<p>POST-SETTLEMENT</p> <p>Chainalysis • Elliptic TRM Labs • Others</p> <p>Screen wallets AFTER the transaction confirms on-chain. By then funds are irreversible.</p>	<p>EXCHANGE APPLICATION LAYER</p> <p>Deconflict</p> <p>NEW — May 2026</p> <p>Screens at the exchange layer — AFTER the user has initiated a transaction. Before exchange broadcasts it to nodes.</p>	<p>PRE-BROADCAST SIGNING LAYER</p> <p>QuantChainAnalysis ✦</p> <p>Gates the transaction at the cryptographic signing layer — before ANY node ever sees it.</p>
Pre-broadcast gate	✗	✓
Satisfies MiCA Art. 68	✗	✓
Biometric identity (TEE)	✗	✓
Server-signed forensic PDF	✗	✓
SAR/STR auto-generation	✗	✓
Patent-protected architecture	✗	✓
Entry price	\$\$\$	€699/mo

Source: deconflict.com (May 2026) — all capabilities per public product documentation.

Three client segments. One compliance deadline. One vendor.

01

Exchanges & VASPs

Channel: Direct outreach

300+ EU exchanges face a hard MiCA Article 68 compliance deadline. QCA is the only system satisfying the technical requirement. Outreach begins immediately via ACAMS, EBC Barcelona, and direct LinkedIn to CCOs and CLOs.

02

Law Enforcement & FIUs

Channel: Government procurement

BKA, Europol, and national FIUs need court-admissible forensic records with cross-wallet identity tracing. QCA Sovereign tier is purpose-built for law enforcement. BaFin Innovation Hub registration within 18 months of funding.

03

DeFi Protocols & Web3

Channel: Developer API self-serve

Free tier creates bottom-up developer adoption. DeFi protocols need pre-broadcast exploit prevention after \$292M KelpDAO and \$1.46B Bybit losses. Enterprise SDK converts developer trials into protocol-level integrations.

Built from zero. Bootstrapped. Deployed. Patent in examination.



Pre-revenue • Bootstrapped — zero external capital • Patent in examination • Company registered May 2026 • Paper submitted IEEE TIFS

One founder. Full-stack engineer. Sole inventor. Mission-driven.



Praveen Giri

Founder & Sole Inventor

Quantum Physics · Applied Mathematics
Financial Engineering

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Full-Stack Execution

Built the entire product solo: patent, 10 API endpoints, legal framework, marketing site, academic paper. Zero outsourcing.

Regulatory Depth

Self-researched MiCA, FATF Rec 16, GwG \$43, OFAC SDN, GENIUS Act NPRM. Built a system satisfying all five simultaneously.

Academic Proficiency

Academic background spanning quantum physics, applied mathematics, and financial engineering. Paper submitted to IEEE TIFS (impact factor: 8.0).

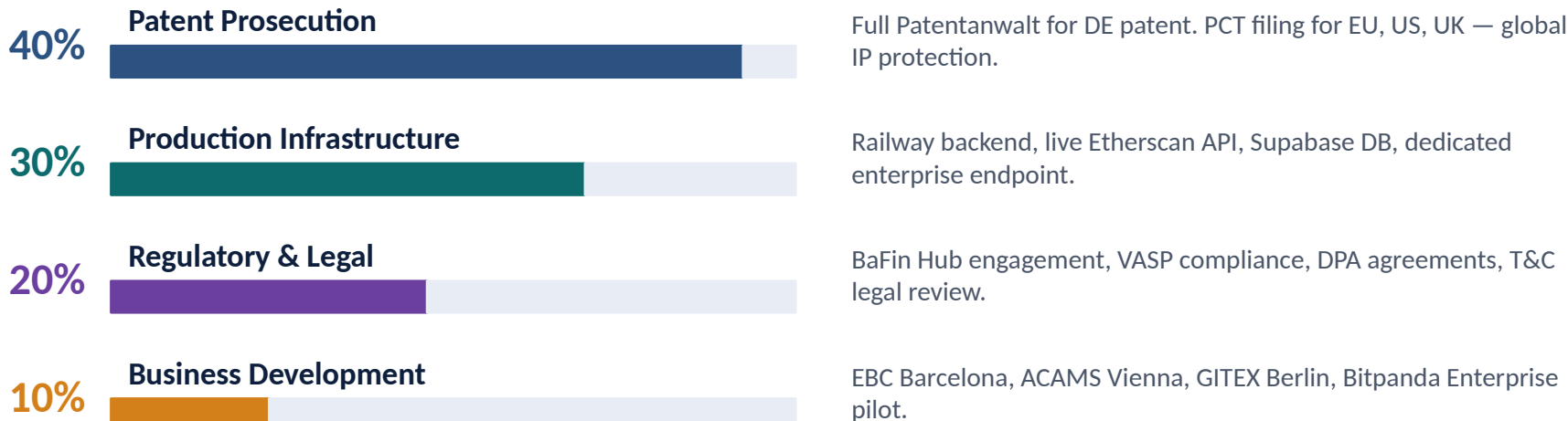
Mission-Driven

Identified a critical technical gap: \$14B in regulated crypto activity lacked pre-broadcast screening. First to close it — technically, legally, and permanently.

Raising €250,000 Pre-Seed.

Instrument: SAFE or convertible note · Valuation cap: €2.5M · 18-month runway

USE OF FUNDS



18-MONTH TARGETS

✓ First paying Enterprise client

✓ PCT patent filing (EU + US)

✓ 5 Pro tier clients (€3,495 MRR)

✓ BaFin Innovation Hub registration



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*The only pre-broadcast
blockchain compliance
system.*

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Get in Touch

Founder	Praveen Giri
Email	contact@quantchainanalysis.com
Website	www.quantchainanalysis.com
Demo	quantchainanalysis.com/gate-simulator.html
Patent	DE 10 2026 001 732.7 — DPMA, April 2026, in examination
Company	QuantChainAnalysis UG, Stuttgart, Germany

