# CypherShield Accord: A Multi-Vertical Consensus-Driven AI Decision Support and Intelligence Platform

$600K Bridge SAFE Funding Round

David Beltran, CEO | dbeltran@cyphershield.io | (845) 670-8867



CYPHERSHIELD

# Customer & Problem

## Customers

Healthcare & Life Sciences: Hospitals, diagnostic labs, pharma companies, clinical researchers
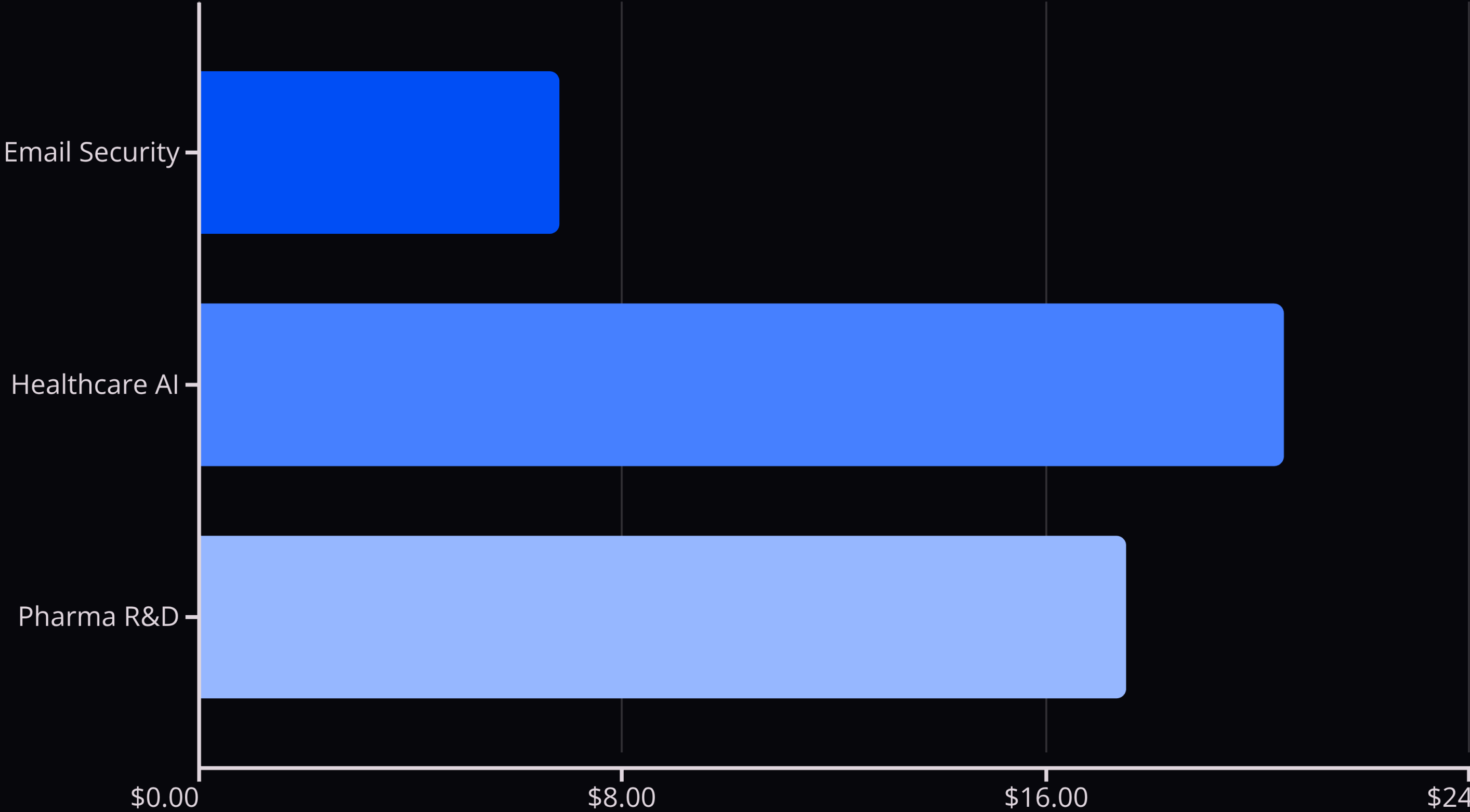
Cybersecurity Teams: Enterprise Security Operations Centers (SOCs), cybersecurity service providers

Compliance Departments: Organizations requiring rigorous data privacy (HIPAA, GDPR, FedRAMP)

## Critical Problems

**1** Over-Reliance on Single-Model AI

**2** High Risk of Bias and Inaccuracies

**3** Fragmented Data and Manual Synthesis

**4** Compliance and Privacy Risks

# Massive Market Opportunity ($B)



| Category | Market Opportunity ($B) |
|---|---|
| Email Security | ~$7.00 |
| Healthcare AI | ~$20.00 |
| Pharma R&D | ~$17.50 |

Horizontal axis: $0.00, $8.00, $16.00, $24

# Our Solution (Product)

### Multi-Model Consensus Architecture

CypherShield Accord utilizes multiple Specialized Language Models (SLMs), each expert in distinct domains—such as genomics, clinical diagnostics, or cybersecurity threat detection.

Unlike single-model AI solutions, our SLM architecture cross-validates outputs among multiple independent models, eliminating single points of failure.

### Automated Data Synthesis & Rapid Insights

Accord automatically synthesizes fragmented datasets (e.g., patient records, threat intelligence, research data) without manual intervention.

Organizations achieve faster insights, drastically reducing delays in critical scenarios—accelerating medical diagnoses, pharmaceutical research, and cybersecurity responses.

**1**  **2**  **3**

### Accurate, Explainable, and Verifiable Results

Accord's unique aggregation approach ensures decisions are reached through consensus, significantly reducing bias and errors found in monolithic AI models.

Each decision is transparently auditable, with a clear trail of evidence explaining how and why conclusions were reached, providing trust and accountability.

### Privacy-Preserving, Internal Deployments

Accord operates entirely within your internal environment (private cloud, hybrid, or onsite appliance), ensuring that sensitive data never leaves organizational boundaries.

Eliminates compliance risks associated with external AI providers, maintaining strict adherence to regulatory standards (HIPAA, GDPR, FedRAMP).

# Our Unique Differentiators

## 1

### Multi-Agent Consensus Architecture

Multiple specialized AI models work together, each contributing domain expertise to arrive at validated conclusions with higher accuracy than any single model.

## 2

### Privacy-First Internal Deployment

Unlike OpenAI or Google solutions, Accord runs entirely within customer environments—ensuring sensitive data never leaves secure boundaries.

## 3

### Proprietary Agora Protocol

Advanced coordination framework enables sophisticated agent interactions with complete auditability of decision pathways.

## 4

### Computational Efficiency

Agora Protocol and Large Context Model (LCM) integration reduces resource requirements by 40-60% compared to competing solutions.

# Value Proposition & Revenue Model

## Proven, Validated Consensus Accuracy

Accord's multi-model consensus method reduces diagnostic errors, breaches, and compliance risks vs. single-model AI.

Measurable accuracy and reliability gains for critical decisions.

## Strong Compliance & Data Privacy

Internal-only deployments keep sensitive data within organizational boundaries.

Compliant with HIPAA, GDPR, FedRAMP - minimizing regulatory exposure.

## Flexible, Recurring Revenue

Platform Licensing (Accord API): $120K-$250K annual enterprise subscriptions

SaaS (Email Shield): $5/month/user freemium, upsell enterprise features

## Training & Enablement

Certification for technical/compliance teams

Webinars on best practices, compliance, cybersecurity

Enablement to maximize platform effectiveness

# Strategic Go-to-Market Approach

**1** — **Phase 1: Proof-of-Concept Pilot Deployment (Months 1–4)**

Launch targeted pilot programs with selected SMBs in verticals with minimal initial privacy constraints, focusing on corporate training, financial advisory, and tech market research. Use public AI models to validate core capabilities quickly and affordably. Acquire pilot customers gradually, aiming for 2-4 per month.

**2** — **Phase 2: Early Commercialization and Expansion (Months 5–8)**

Begin onboarding mid-tier enterprise clients, emphasizing partial on-prem and hybrid deployments to address semi-sensitive data. Increase monthly customer acquisition to 5-7, driven by pilot validation and referrals. Roll out professional services with CyberCatalyst Labs.

**3** — **Phase 3: Full Commercial Rollout and Compliance Expansion (Months 9–12)**

Transition to compliant deployments for highly regulated verticals like healthcare and pharma, using private cloud and on-prem solutions. Accelerate customer acquisition to 8-10 per month, driven by brand recognition and success in earlier phases. Begin planning for the Email Shield product.

▼ **Key Milestones**

Month 4: Initial pilot feedback and adjustments

Month 6: Launch hybrid deployment capability

Month 8: Establish professional services with CyberCatalyst

Month 10: Initial deployments in regulated verticals

Month 12: Achieve customer growth, plan Email Shield

## Strategic Advantages

Flexible Deployment: Cloud, hybrid, and on-prem options

Robust Security and Compliance: Designed to address regulations

Pilot-First Approach: Rapid credibility, efficient use of resources

# Competitive Landscape & Barriers to Entry

## Competition

| | | |
|---|---|---|
| **General-Purpose LLM Providers** | OpenAI (ChatGPT), Anthropic (Claude), Google (Gemini) | Threat Level: Moderate (widely available, but data privacy and compliance concerns) |
| **Industry-Specific AI Platforms** | IBM Watson Health, PathAI, Proofpoint, CrowdStrike | Threat Level: Moderate to High (deep industry presence but reliant on traditional, monolithic architectures) |

Most solutions either excel in a single domain or offer generic AI without specialized expertise integration.

## Our Differentiators

**1 Consensus-Driven Multi-Model Architecture**

Unlike single-model competitors, Accord leverages multiple specialized AI models (SLMs) simultaneously, significantly improving accuracy, reliability, and explainability.

**2 Built-In Privacy & Compliance**

Internal-only deployments that never transmit sensitive data externally, directly addressing regulatory requirements (HIPAA, GDPR, FedRAMP).

**3 Auditability and Transparency**

Leveraging Agora Protocol and blockchain-enabled audit trails provides clear, traceable decision-making pathways, crucial for regulated industries.

## Why We Will Win

**1 Superior Accuracy and Trust**

Consensus-driven approach yields demonstrably higher accuracy and reliability than competitors' single-model solutions.

**2 Rapid Adaptability and Scalability**

Our modular, consensus-based architecture quickly integrates new expert models, enabling fast response to evolving markets, customer needs, and regulatory environments.

**3 First-Mover Advantage in Consensus AI**

Unique positioning as a pioneer of multi-model consensus aggregation in high-stakes verticals, establishing market standards and credibility early.

## Barriers to Entry

**1 Proprietary Technology & IP**

Patent-pending methods for consensus aggregation, zero-trust multi-model architecture, and blockchain-based audit trails create significant technical and legal hurdles.

**2 Deep Compliance Integration**

Rigorous compliance and security frameworks require significant upfront investment and expertise, deterring new entrants lacking specialized industry knowledge.

**3 Strategic Customer Lock-in**

Early pilots and integrations build deep customer relationships, leading to significant switching costs and loyalty advantages.

# Founder & Leadership



**David Beltran – CEO**

15 yrs at IBM building global cyber-defense architectures. Founded CompuMech; 30 yrs IT.



**Ahtsham Ali – CTO**

MS Computer Vision, 15 yrs full-stack & AI R&D; ex-research associate LUMS, multiple publications.



**Atul Yadav – CPO**

Fintech product lead, ex-Amazon & Binance analytics; MIM ESCP Paris.

# Technical & Product Core



</>

## Lokesh Kumar Jha

Backend Lead, Secuvy senior dev; expert in secure TypeScript micro-services.

🔗

## Avneet Singh Sidhu

Blockchain Dev, Solidity expert, DEX & NFT marketplace builds.

🎨

## Isaac David

Product & UI/UX Design lead with fintech & healthtech experience.

# Data Science, Sales, & PM

### Shivani Shukla – Data Scientist (ML/NLP)

MS Data Science, real-time CV pothole analytics, 85% ML accuracy.

### Alind Jain – Data Scientist (LLM/RAG)

NYU CS, PwC analytics; built large-scale policy-doc chatbot.

### Bhavesh Patel – Project Manager

15 yrs delivering blockchain products; certified CSM & CSPO.

### Martin Bassey – Sales Manager

5 yrs grant-driven growth & cybersecurity content; social-engagement strategist

# Financial Projections

| Year | Product | Top-Line Revenue | EBITDA |
|------|---------|------------------|--------|
| 1 | CypherShield Accord | $0.7M | -$1.2M |
| | Cypher Email Shield | $43M | -$2.0M |
| | Combined Total | $43.7M | -$3.2M |
| 2 | CypherShield Accord | $4.5M | -$0.6M |
| | Cypher Email Shield | $473M | $50M |
| | Combined Total | $477.5M | $49.4M |
| 3 | CypherShield Accord | $8M | $1.5M |
| | Cypher Email Shield | $1.5B | $250M |
| | Combined Total | $1.508B | $251.5M |
| 4 | CypherShield Accord | $14M | $4M |
| | Cypher Email Shield | $3.75B | $750M |
| | Combined Total | $3.764B | $754M |
| 5 | CypherShield Accord | $20M | $7M |
| | Cypher Email Shield | $7.75B | $1.6B |
| | Combined Total | $7.77B | $1.607B |

Projections based on achievable metrics:

**1** **Email Shield**
5,000 users Y1, growing to 25,000 by Y3

**2** **Enterprise Accord Licenses**
2 pilots in Y1, 8 paid customers by Y2, 25+ by Y3

**3** **Profitability**
Achieved in Y3 with sustainable growth thereafter

# CypherShield Projected Job Creation (5-Year Outlook)

| **1** | **2** | **3** | **4** | **5** |
|---|---|---|---|---|
| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** |
| 140 Employees | 330 Employees | 668 Employees (Projected) | 811 Employees (Projected) | 820 Employees (Projected) |

Our strategic hiring plan aligns closely with our business growth trajectory, focusing initially on building core teams for CypherShield Accord. After doubling our team size from Year 1 to Year 2, we anticipate continued strong growth into Year 3, driven by expanded customer adoption and revenue generation. Hiring will stabilize in Years 4 and 5 as operational efficiencies take effect, and strategic roles become more clearly defined and optimized. Our goal is sustainable, effective growth—creating impactful jobs that drive innovation and secure our competitive edge.

# Capital Plan: $600K Bridge SAFE

## Payroll

$350K

Key technical hires to accelerate product development and expert consultants for specialized integrations

## Contingency

$50K

Strategic reserve for unexpected challenges and opportunities

## Cloud & Infrastructure

$50K

AWS credits leveraged for development environments, testing, and initial deployments

## PoC Build & Data

$100K

Completing Proof of Concept development and acquiring specialized training datasets

## Pilot Onboarding & GTM

$50K

Customer acquisition, implementation support, and market validation activities

Past funding: Bootstrapped to date with founder and team investment of time and resources.

# Why CypherShield? Why Now?

**1** **Highly Differentiated, Privacy-First AI Consensus Product**

Our proprietary Agora Protocol enables unprecedented multi-agent coordination with full auditability, all while keeping sensitive data secure within customer environments.

**2** **Immediate Market Entry with Email Shield**

Cybersecurity provides rapid validation and revenue while we scale more complex healthcare and pharma applications.

**3** **Clear Path to ROI**

Customers achieve measurable efficiency gains, accuracy improvements, and compliance benefits that directly impact their bottom line.

**4** **Experienced, Execution-Focused Team**

Leadership combines deep expertise in cybersecurity, AI development, product management, and enterprise sales.

"Accord transforms fragmented, siloed data into actionable breakthroughs—accelerating cures, securing enterprises, and safeguarding privacy."

# CypherShield

We invite you to join our bridge round, enabling CypherShield to complete our PoC, secure strategic pilots, and rapidly validate a multi-billion-dollar market opportunity.

David Beltran, CEO

dbeltran@cyphershield.io | (845) 670-8867

$600K Bridge SAFE