

Signal Scouts

Anti-Gaming Telemetry & Analyst Framework

With jurisdiction-tuned legal disclaimers

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1. Signal Scouts Overview

Signal Scouts are community members who observe and report internet harm signals. They are the human sensory layer of the LICO system — eyes and ears on the ground where automated detection has blind spots.

"Scouts see. They do not judge, punish, or enforce. They bring what they see to the system, and the system decides what to do."

Operating Principles

- Scouts observe only — they do not contact victims, platforms, or accused entities
- Every report is telemetry-tracked for gaming resistance
- Scout identity is pseudonymous at all times
- Scouts are rewarded for confirmed signals, not volume
- Scouts who game the system are silently throttled, never publicly shamed

What Scouts Report

Signal Type	Examples
Platform harm	Payout withholding, algorithmic suppression, deplatforming
Harassment waves	Coordinated targeting, pile-ons, brigading
Financial abuse	Undisclosed fees, grant defaults, wage theft patterns
Content manipulation	Fake reviews, astroturfing, bot-driven narrative shifts

2. Anti-Gaming Telemetry

Any community-driven reporting system can be weaponized. Signal Scouts uses four telemetry dimensions to detect and neutralize gaming attempts before they corrupt the signal pipeline.

"The system watches its watchers — not to distrust them, but to protect the integrity of what they see."

2.1 Fixation Detection

Measures single-entity fixation. A Scout repeatedly reporting the same target is a strong gaming signal — indicating personal vendetta, paid targeting, or coordinated harassment disguised as reporting.

```
fixation_score = reports_on_entity / total_reports  
  
Threshold: fixation_score > 0.40 triggers penalty  
Weight in SQS: 30%
```

2.2 Coordination / Collusion Detection

Detects when multiple Scouts file semantically similar reports against the same target within a tight time window. This pattern suggests organized campaigns.

```
Flagged when ALL of:  
- 3+ Scouts report same entity  
- Within 30-minute window  
- Semantic similarity > 0.80  
  
Weight in SQS: 25%
```

2.3 Language Inflation Detection

Tracks the gap between claimed severity and actual evidence quality. Scouts who consistently use extreme language ("massive fraud", "systemic abuse") without proportional evidence are inflating their signals.

```
inflation_rate = avg_severity_claimed - avg_evidence_quality  
  
Threshold: inflation_rate > 0.20 triggers penalty  
Weight in SQS: 25%
```

2.4 Late-Stage Bias Detection

Identifies Scouts who only report entities that are already under investigation or trending. These Scouts add no new signal — they pile on for reward without providing original intelligence.

```
late_stage_ratio = reports_on_known_targets / total_reports
```

```
Threshold: late_stage_ratio > 0.60 triggers penalty
```

```
Weight in SQS: 20%
```

3. Signal Quality Score (SQS)

The Signal Quality Score is the composite health metric for each Scout. It starts at 1.0 (clean) and decreases as gaming signals accumulate. SQS directly determines the enforcement action applied.

```
SQS = 1.0 - penalties
```

Where penalties are:

```
fixation_penalty    = min(fixation_score, 1.0)      x 0.30
coordination_pen   = min(coord_flags / 5, 1.0)      x 0.25
inflation_penalty  = min(inflation_rate, 1.0)       x 0.25
late_stage_penalty = min(late_stage_ratio, 1.0)     x 0.20
```

```
SQS = max(0.0, 1.0 - sum_of_penalties)
```

SQS Interpretation

SQS Range	Status	Effect
0.80 – 1.00	Healthy	Clean signal, full rewards
0.70 – 0.79	Normal	Acceptable, no action
0.50 – 0.69	Caution	Shadow throttle applied
0.30 – 0.49	Warning	Hard throttle applied
0.00 – 0.29	Critical	Suspension review triggered

SQS is computed on a rolling 30-day window. A Scout whose gaming behavior stops will see their SQS naturally recover over time.

4. Enforcement Ladder

Enforcement is graduated, automatic, and invisible to other Scouts. A Scout under enforcement is never publicly identified or shamed. The goal is behavioral correction, not punishment.

"Enforcement should feel like friction, not judgment."

Normal — SQS ≥ 0.70

Full access. All reports are weighted normally. Rewards are earned at the standard rate.

Shadow Throttle — 0.50 ≤ SQS < 0.70

Reports are silently de-prioritized in the signal pipeline. The Scout does not know they are throttled. Reports still go through but with reduced weight. Rewards are still earned but at 50% rate.

Hard Throttle — 0.30 ≤ SQS < 0.50

Reports are accepted but held for manual review before entering the pipeline. The Scout receives a generic notice: "Your recent reports are under quality review." Rewards are frozen (not forfeited) until SQS recovers.

Suspension Review — SQS < 0.30

Reporting is temporarily disabled. The Scout receives notice: "Your reporting access is under review." A human reviewer evaluates the account. Frozen rewards may be forfeited if gaming is confirmed. Appeal path is available.

Enforcement Flow:

Normal → Shadow Throttle → Hard Throttle → Suspension Review
↑
—— SQS recovery (30-day rolling) ——↓

5. Reward Protection

Scout rewards must be protected from gaming — both to prevent abuse and to ensure genuine Scouts are not diluted by bad actors.

Reward States

State	Trigger	Effect
Earned	Confirmed signal	Available for withdrawal
Pending	Report submitted	Held until confirmation/rejection
Frozen	Hard throttle or suspension	Cannot withdraw; not forfeited yet
Forfeited	Gaming confirmed	Permanently removed
Restored	SQS recovery to ≥ 0.70	Frozen rewards become available

Key Rules

- Scouts are rewarded for confirmed signals, never for volume
- Reward rate scales with SQS: higher SQS = higher multiplier
- Frozen rewards are automatically restored when SQS recovers above 0.70
- Forfeiture only occurs after human review confirms gaming
- Appeal process is available for all forfeiture decisions

6. Scout → Analyst Transition

The Scout → Analyst pathway is the career progression within the LICO ecosystem. Analysts have elevated access and responsibility, including claim review, pattern analysis, and HRN coordination.

"Scout is observation. Analyst is pattern recognition. Both are essential. Neither is enforcement."

6.1 Eligibility Criteria

Requirement	Threshold
Minimum tenure	90 days active as a Scout
Report volume	50+ total reports submitted
Accuracy rate	□ 70% confirmed reports
Signal Quality Score	SQS □ 0.80 (sustained)
Enforcement history	Zero active suspensions
Status	Must be in ACTIVE status (not throttled)

6.2 Cool-Off Period

When a Scout becomes eligible and applies for Analyst status, they enter a mandatory 30-day cool-off period. During this time:

- Scout reporting access is suspended (clean break from Scout role)
- No new reports can be submitted
- Pending reports are processed normally
- Background verification is conducted
- Analyst training materials are provided

The cool-off prevents role confusion — an Analyst cannot simultaneously be a Scout, as the access levels and incentives are different.

6.3 Promotion Path

```
Scout (ACTIVE)
└→ Eligibility check passes
    └→ Application submitted
        └→ Cool-off (30 days, status = COOL_OFF)
            └→ Background + training
                └→ Promotion (status = GRADUATED)
                    └→ Analyst (PROBATION, 90 days)
                        └→ Analyst (ACTIVE)
```

7. Analyst Responsibilities

Analysts are the bridge between signal detection and actionable intelligence. They have read access to aggregated claim data, pattern dashboards, and can coordinate with the Human Representation Network.

Core Responsibilities

Claim Review

Review incoming claims for completeness, accuracy, and harm classification. Flag inconsistencies. Do not make legal determinations.

Pattern Analysis

Identify multi-claim patterns suggesting systemic harm. Surface front-level trends to governance agents.

HRN Coordination

Prepare anonymized opportunity briefs for HRN members. Facilitate (never direct) connections between claims and human representatives.

Quality Assurance

Audit Scout reports for the telemetry team. Provide peer review on analyst decisions.

Analyst Boundaries (hard limits)

- Analysts NEVER contact claimants, victims, or accused entities directly
- Analysts NEVER make legal recommendations
- Analysts NEVER approve or deny claims (governance agents do this)
- Analysts NEVER have access to personally identifiable information
- Analysts NEVER set enforcement policy for Scouts

Performance Metrics

Metric	Description
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Review throughput	Claims reviewed per week
Pattern detection rate	Systemic patterns surfaced per month
Brief quality score	HRN acceptance rate of briefs
Peer review score	Average quality rating from other Analysts

8. Compensation Model

8.1 Scout Rewards

Scouts earn tokens (convertible to USD) for confirmed signals. The reward system is designed to incentivize quality over quantity.

Reward Type	Description
Confirmed signal	Base reward per confirmed report
Novel entity flag	Bonus for first-ever report on a new entity
Pattern contribution	Bonus when report contributes to a Front detection
SQS multiplier	Reward multiplied by current SQS (0.0–1.0)

Example: A Scout with SQS of 0.90 who submits a confirmed novel-entity signal earns: $(\text{base_reward} + \text{novel_bonus}) \times 0.90 = \text{effective reward}$.

8.2 Analyst Compensation

Analysts receive a fixed monthly stipend plus performance bonuses. This reflects their elevated responsibility and time commitment.

Component	Description
Monthly stipend	Fixed payment for active Analysts
Review bonus	Per-claim review completion
Pattern bonus	For surfacing confirmed systemic patterns
Quality bonus	For consistently high peer-review scores

Exact amounts are determined by the operating budget and disclosed before any Analyst accepts the role. Compensation is reviewed quarterly.

9. Jurisdiction Disclaimers

All user-facing text in the LICO ecosystem carries jurisdiction-tuned disclaimers. These are not optional — they are automatically injected based on the user's detected or declared jurisdiction.

9.1 Global Baseline (always shown)

This platform is not a law firm, regulatory body, or law enforcement agency. Information provided does not constitute legal advice. No attorney-client relationship is formed. If you need legal assistance, consult a licensed attorney in your jurisdiction. Use of this platform does not guarantee any specific outcome.

9.2 United States Add-On

This service is not registered with the SEC, FINRA, or any state regulatory body. Claims involving financial instruments may be subject to federal or state securities laws. GhostLedger does not provide investment advice. For complaints involving regulated financial products, contact your state attorney general or the FTC.

9.3 European Union Add-On

This service operates in compliance with the General Data Protection Regulation (GDPR). Your personal data is processed under lawful bases including consent and legitimate interest. You have the right to access, rectify, erase, restrict processing, and port your data. Data is stored within the EU unless you provide explicit consent for transfer. For complaints, contact your national Data Protection Authority.

9.4 United Kingdom Add-On

This service complies with the UK Data Protection Act 2018 and UK GDPR. For financial complaints, you may also contact the Financial Conduct Authority (FCA) or the Financial Ombudsman Service. This service does not replace statutory dispute resolution mechanisms.

9.5 Nigeria Add-On

This service operates in accordance with the Nigeria Data Protection Regulation (NDPR) and the Nigeria Data Protection Act 2023. Your data is processed with your consent and in compliance with applicable Nigerian law. For financial disputes involving Nigerian platforms, you may also contact the Central Bank of Nigeria (CBN) or the Federal Competition and Consumer Protection Commission (FCCPC). This service does not replace the jurisdiction of Nigerian courts.

9.6 Fallback (all other jurisdictions)

This service operates under the laws applicable to the jurisdiction from which you access it. Local laws, regulations, and dispute resolution mechanisms take precedence. This platform does not override or replace local legal processes. Consult a legal professional in your jurisdiction for specific advice.

Disclaimer injection is automatic. The system detects jurisdiction from the user's IP geolocation, declared location, or account settings. When jurisdiction is ambiguous, the Fallback disclaimer is shown alongside any region-specific text.

10. Role-Specific Disclaimers

In addition to jurisdiction disclaimers, each role in the ecosystem has tailored legal text shown during onboarding and at key action points.

10.1 Scout Disclaimer

You are a voluntary observer. Your reports are one input among many and do not determine outcomes. You are not an investigator, enforcer, or legal representative. Do not contact individuals or entities you report. Do not make public accusations based on your reports. Misuse of the reporting system may result in account suspension. You are responsible for the accuracy of the information you provide to the best of your knowledge.

10.2 Analyst Disclaimer

You have elevated access to aggregated, anonymized data. You must not attempt to de-anonymize individuals. Your analysis is advisory and does not constitute legal findings or recommendations. You must not share analysis data outside approved channels. Your role is pattern recognition and quality assurance, not enforcement or adjudication. Violation of these terms results in immediate access revocation.

10.3 HRN Member Disclaimer

You operate independently and are not an employee, agent, or representative of LICO or GhostLedger. Your professional obligations to your clients are governed by your own professional licensing and ethical rules. LICO provides documentation and coordination infrastructure only. You make all legal, financial, and strategic decisions independently. LICO does not direct, supervise, or control your professional judgment.

Role disclaimers are shown: (1) at onboarding, (2) before first action in each session, and (3) before any irreversible action. Acknowledgment is logged and timestamped.

*Scouts see. Analysts connect. Humans decide.
The system serves all three without becoming any of them.*