

Why Your Threat Intelligence Spend Isn’t Buying Intelligence

The Source Utilization Gap

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Executive Summary

Most threat intelligence programs don't lack sources; they lack effective use of those sources. Security teams often accumulate feeds, memberships, tools, and subscriptions, yet much of that investment fails to influence decisions, accelerate response, or reduce risk. The result is a costly intelligence function that is difficult to defend because spending is measured by acquisition and volume rather than by operational value.

The Source Utilization Gap arises when intelligence sources are disconnected from requirements, source quality is inconsistently evaluated, delivery is driven by static reporting cycles, and analysts are forced into manual collection rather than higher-value analysis. These structural gaps cause organizations to pay for information they cannot effectively use, while relevant signals are delayed, buried, or ignored. Source Utilization and Tracking (SUT) is the discipline that closes this gap. SUT measures, traces, and evaluates how each source contributes across the intelligence lifecycle, from the requirement it serves to the decision it informs to the outcome it produces, making utilization something several leaders can report rather than a feeling they must defend.

Theia operationalizes SUT, making utilization measurable and actionable. Its requirements-first model ties sources to specific intelligence needs, AI-powered collection reduces manual bottlenecks, structured reliability and credibility scoring improve trust in inputs, and Just-in-Time-Intelligence delivers decision-ready insight when it matters. With support for the Theia Collection System (TCS) and STIX 2.1, Theia strengthens existing investments rather than replacing them. For leaders, the outcome is a more defensible intelligence budget, higher analyst productivity, faster decision support, and clear utilization metrics that demonstrate return. The recommended first step is a Source Utilization Audit to identify where current intelligence spending creates value and where it leaks.

Why Your Threat Intelligence Budget Isn’t Buying Intelligence

Walk into most security organizations and ask how the threat intelligence program is performing, and you will hear a list of acquisitions. Three commercial feeds. Two ISAC memberships. An OSINT bundle. A MISP instance. A premium subscription that renews in the spring.

That is an inventory, not an intelligence program. Acquisition is not intelligence. Value is created at the point of use, when a source changes a decision, shortens a response, or mitigates a risk. By that measure, most leaders are not undersourced. They are underutilized.

The question that matters is not “what are we buying?” It is “how much of what we already buy is actually working for us?” Source Utilization and Tracking begin with those questions. Which sources are being used? Are the paid sources being used at all? To what extent, how often, and by whom? For most organizations, the honest answers are uncomfortable.

The hidden cost of underutilized sources

Underutilization is expensive in ways that rarely appear on a single line item. You are paying full price for feeds parsed once and then forgotten. You are paying for analyst salaries to triage volume that no requirement ever requested. You are paying in alert fatigue, in the slow erosion of trust when intelligence arrives late or not at all, and in the risk that goes unaddressed because the signal warning you about it was buried in a source nobody had time to read.

None of this is visible on a renewal invoice. It manifests as a vague sense that the program is expensive and hard to justify. When the board asks what the threat intelligence budget bought this year, “we ingested forty million indicators” doesn't hold up to follow-up questions.

Why do sources go unused

Sources are usually underused for structural, not accidental, reasons. Teams may be disciplined and well-staffed yet still struggle when sources aren't tied to requirements, quality isn't consistently evaluated, delivery is misaligned with decisions, and collection consumes too much analyst time. Source Utilization and Tracking makes these gaps visible and measurable, turning a vague utilization problem into one a leader can diagnose and fix.

One reason sources go unused is that they are often not clearly tied to requirements. Feeds may be purchased to cover a broad category rather than to answer a specific business question, leaving analysts without a clear indication of which source matters for which decision.

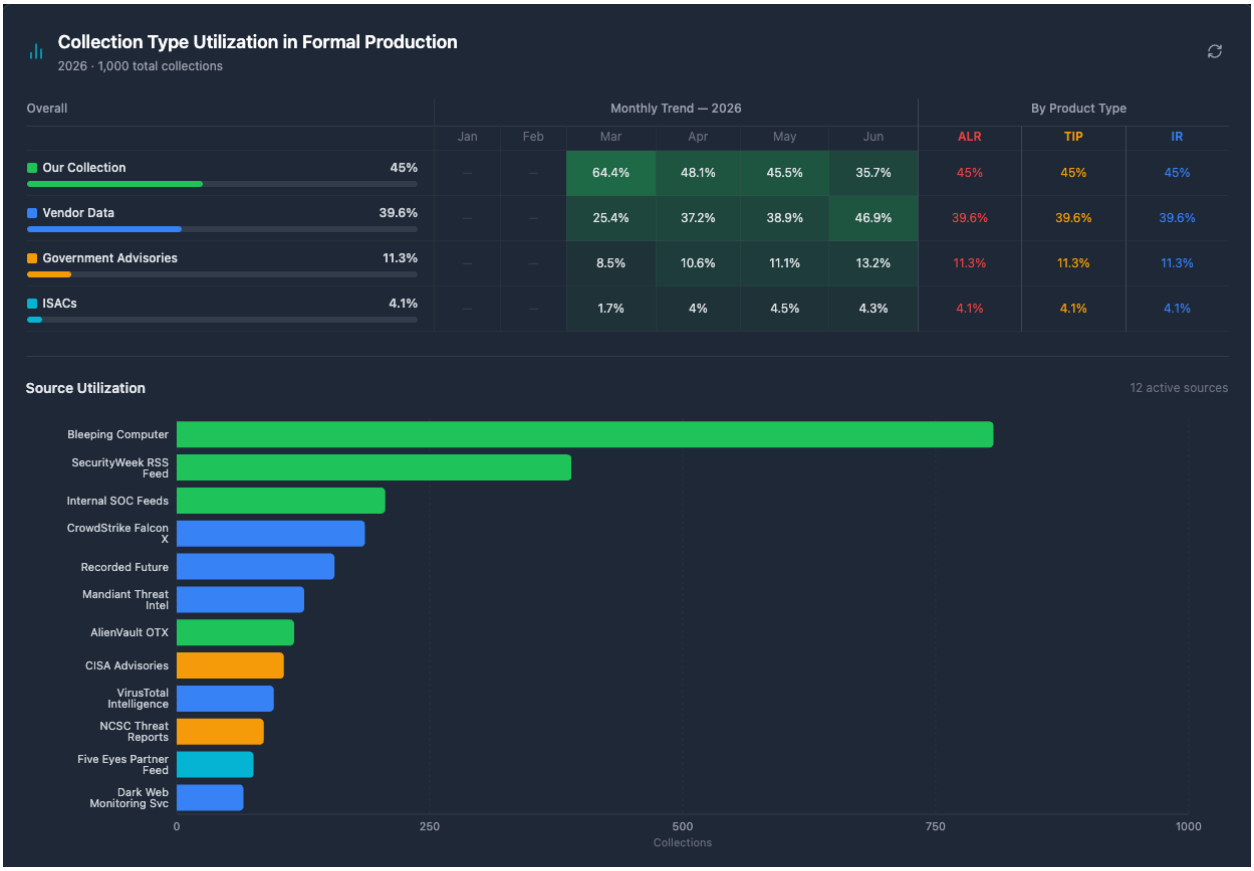
Another gap is the lack of a consistent discipline for evaluating sources. Without a structured way to assess reliability and credibility, every input can be treated as roughly equal, allowing weak sources to influence decisions they should not touch.

Delivery practices also contribute to underuse when intelligence is scheduled on a calendar rather than delivered when it is needed. By the time the information reaches those who could act on it, the decision window may already have closed.

Finally, the collection process itself often becomes a manual bottleneck. Skilled analysts spend too much of their time gathering, cleaning, and formatting information instead of applying judgment, limiting how much of any source the organization can use. Once these causes are visible, the next step is to stop treating utilization as an anecdote and start treating it as a management metric.

Make utilization a number you report

The fix starts with a shift in what you measure. Source Utilization and Tracking (SUT) turns source utilization into a metric, not a feeling, and gives leaders a way to move from “we think this source is useful” to “we can show where, how often, and why it creates value.”



Theia Screenshot 1: Collection Type Utilization

SUT raises different questions than acquisition because it shifts attention from what the organization owns to what the organization uses. Of the sources we pay for, how many are tied to an active requirement? How often is each source used, and at which stage of the intelligence cycle? Who uses it, and for what purpose? What conclusions does it support across requirements, report types, and perceived report quality? How quickly does a

relevant signal move from collection to the person who needs it, and which sources consistently earn their keep while others become candidates for elimination?

When those answers become numbers, the conversation with leadership shifts. The program stops defending its existence by volume and starts demonstrating return. Utilization belongs on the same dashboard as spend because together they tell you what matters: are we getting intelligence for our money?

SUT also assigns a cost to use. Dividing the annual or monthly cost by the frequency of use yields a cost per use for each source. Counting how many times a source is used at each stage of the intelligence cycle shows where it earns its place, and pairing those frequency-of-use metrics with the value of the conclusions a source supports reveals which subscriptions justify their cost and which quietly drain the budget. The analysis becomes even stronger when "Frequency of Use" is replaced by "Frequency of Driven Action," because the focus shifts from activity to operational impact.

That is where Theia changes the operating model. Instead of leaving utilization measurement as a manual exercise, Theia embeds SUT into the intelligence workflow itself, making source value traceable from collection through decision and action.

How Theia closes the gap

Theia is built around Source Utilization and Tracking rather than acquisition. It is designed to extract more intelligence from the sources you already have, trace where that intelligence goes, and make both visible.

$$\frac{\text{Annual/Monthly Cost}}{\text{Frequency of Use}} = \text{Cost per Source Use}$$

OR

$$\frac{\text{Annual/Monthly Cost}}{\text{Frequency of Driven Action}} = \text{Cost per Action}$$

Equation 1: Cost per Use / Cost per Action Taken

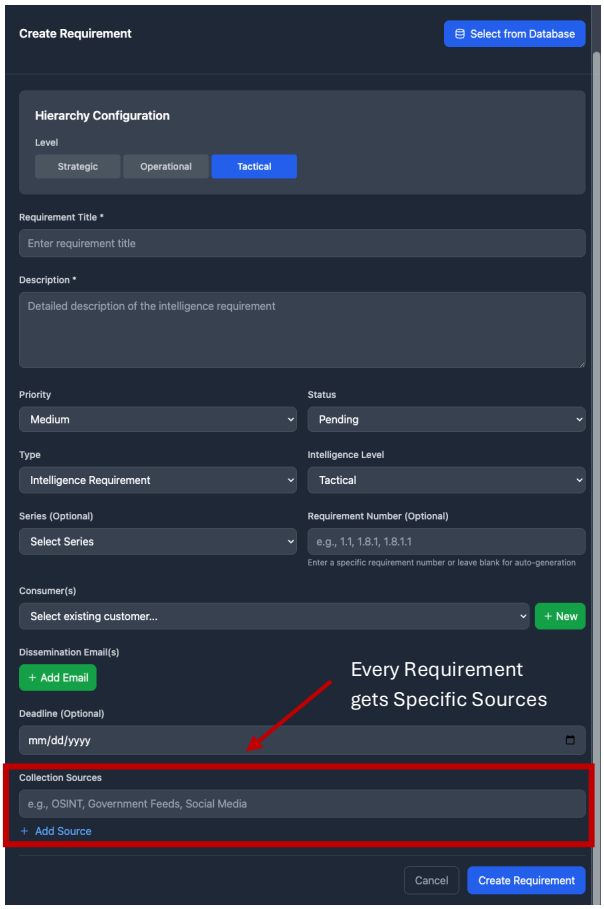
Everything is traced end to end. This is Source Utilization and Tracking at work. Theia records what each source touches, from registration and requirement alignment through utilization, contribution, warning effectiveness, dissemination impact, and operational outcome. Every source supports a requirement, every product supports a decision, and every decision supports an objective. As a result, you can trace a source's value all the way to the outcome it helped produce.

Requirements come first. Theia's Series Method organizes every intelligence need into four series: Threat Warning, Decision Support, Baseline Intelligence, and Environment at Large. Sources are tied to the requirements they support. A feed that does not meet any standing requirement is no longer an invisible cost. Instead, it becomes a visible decision.

Collection runs on AI, and analysis runs on people. AI-powered collection handles gathering and first-pass triage at machine scale, so your analysts spend their time on judgment, not formatting. That alone increases how much of any source the team can process.

Source quality is scored, not assumed. Theia applies structured reliability and credibility assessments to inputs, so a source's weight reflects its trustworthiness. Weak sources do not quietly influence decisions.

The Analytics Workbench turns collection into a product. Raw inputs are transformed into decision-ready intelligence in a single environment, closing the gap between what was collected and what is used.



Screenshot 2: Requirement Form Showing Collection Sources

Delivery is event-based, not calendar-based. Just-in-Time-Intelligence delivers the right intelligence to the right person when a threat arises, rather than pushing reports on a fixed schedule that rarely aligns with decision-making timelines.

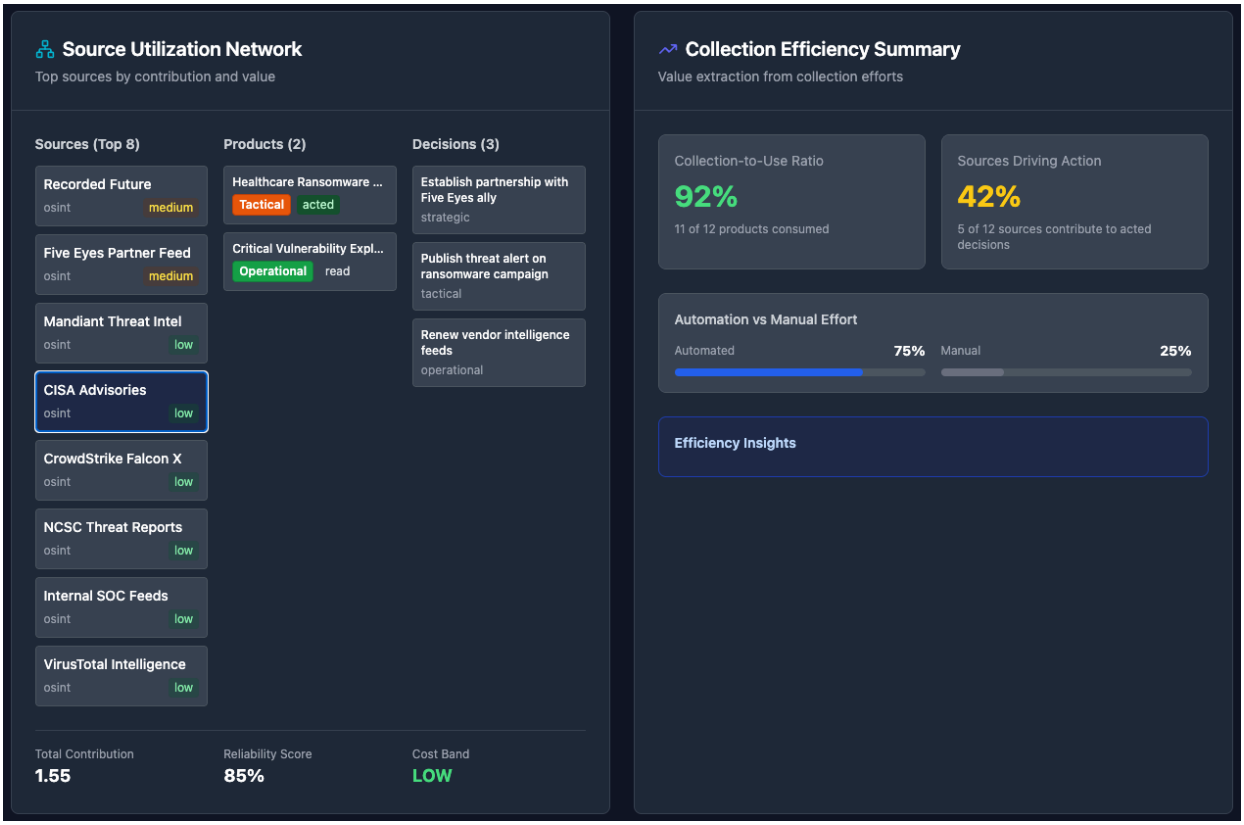
It is open by design.
Our support for TCS and STIX 2.1 means Theia integrates with the feeds and tooling you already use. There is no rip-and-replace. The platform increases the value of your existing investment rather than asking you to start over.

What this means for you as a leader

The practical effect is straightforward. You get more from the intelligence budget you have already committed because the sources you pay for are tied to requirements, evaluated for quality, and delivered when they matter. Your analysts spend less time on collection toil, and more time on work only people can do. Decision support speeds up because intelligence reaches the decision as it is being made.

You also get something you can take upward. Utilization metrics give you a defensible, plain-language account of what the program delivers, the kind of answer that holds up when the board asks a follow-up question.

SUT also answers the question every leader eventually asks: so, what? With utilization findings in hand, you can clearly see the impact: where intelligence creates value, where it falls short, and what the numbers reveal about the broader program. From there, leaders can decide what to fix first across people, process, and technology, whether that means closing a training gap, automating processes, or revisiting requirements that no current source meets.



Theia Screenshot 2: Source Utilization & Collection Efficiency

Proof, not promises

Theia makes its results measurable, and SUT is how. Traditional intelligence programs measure production. Theia measures utilization, decisions, actions, and outcomes. Built-in maturity tracking maps your program against a five-level intelligence maturity model across nine dimensions, making progress visible over time rather than merely asserted.

And the value comes with a commitment. Theia is backed by a 30-day ROI guarantee. A platform built around utilization should deliver measurable utilization you can see within the first month.

30-Day ROI Guarantee

Start with a Source Utilization Audit

Before you renew another feed, put Source Utilization and Tracking to work to see how much of what you already own is working for you.

A Source Utilization Audit inventories your current sources, maps them to your real intelligence requirements, and identifies where value is leaking, including subscriptions with no requirement, signals that never reach a decision, and collections your team cannot keep up with by hand.

Before buying another feed, determine whether the feeds you already own provide measurable value. Most organizations know how much they spend on intelligence; however, few know what intelligence is worth.

A Source Utilization Audit reveals the difference. It is the fastest way to identify the gap and the clearest case for closing it. Request a Source Utilization Audit to see what your intelligence spend is buying.

Discover how much of your intelligence is spent creating value.
Request a Source Utilization Audit today.

Theia

Requirements-Driven Intelligence

Theia traces intelligence from requirements to outcome through:

- Requirements Management
- Source Utilization and tracking (SUT)
- Organizational Memory
- Threat Warning
- Just-in-Time Intelligence
- The Series Method
- End-to-End Traceability

See It in Your Environment

Enlighten Intelligence will map your current:

- **Requirements**
- **Sources**
- **Intelligence Products**
- **Intelligence Spend**

And identify opportunities to improve utilization, reduce waste, and demonstrate measurable intelligence value.

Get Started with Enlighten Intelligence

Whether you're building a CTI program from scratch, maturing an existing one, or looking to

Maturity Assessment

Understand exactly where your program stands in under 10 minutes. Get a tailored readout across every dimension.

Take the assessment →

Advisory Engagement

Work with Enlighten's IC-Trained advisors to build or restructure your requirements-driven intelligence.

Learn More →

Theia Platform Demo

See how Theia manages the full intelligence cycle, from requirements to finished intelligence, in a live walkthrough

Request a demo →

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