SABANA FAMILY

FAMILY INVESTMENT & ASSET MANAGEMENT

GREYSIGNAL

MONITORING

User Manual · Indonesia OSINT Monitor

COLLECT · ANALYSE · REPORT

Version 1.0 · November 2026 · Internal & Authorised Users

GREYSIGNAL MONITORING · USER MANUAL

Contents

How to use GREYSIGNAL to monitor open-source intelligence on Indonesia: from the live dashboard to network analysis and executive reports.

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ABOUT THE SCREENSHOTS

The screenshots were taken from a test installation. Some show real public news collected by the AI crawler. Others show **fictional sample data** used for testing, such as the person "Arya Pranata Wiratama" and some example headlines. Your screens will show the reporting collected on your own installation.

CONVENTIONS

Bold marks buttons, menus and labels you will see on screen. `Monospace` marks text you type, file names and settings. Menu names are given in English and Bahasa Indonesia where they differ, for example **Identities / Tokoh**.

CHAPTER 1

Introduction

GREYSIGNAL is the Sabana Family's open-source intelligence (OSINT) monitor for Indonesia. It collects mainstream reporting and official public data, structures it, and makes it easy to explore visually.

What GREYSIGNAL does

- **Collects** news from about 27 mainstream outlets (ANTARA, Tempo, Kompas, CNN Indonesia, CNBC Indonesia, detik, BBC Indonesia, The Jakarta Post and others) and BMKG earthquake data. It also runs a **Claude AI web crawler** on trusted outlets.
- **Understands** each report. It tags the province, institutions, named officials, IDX tickers, category and severity.
- **Visualises** the situation on a map of Indonesia, with a live feed, trends and top stories.
- **Searches** the collection with precise operators, and searches the live web on demand.
- **Profiles** public figures from Wikidata/Wikipedia and links them to their news coverage.
- **Maps networks** of cases, people and institutions, and shows the reporting behind every link.
- **Reports**: one click produces an executive summary with an AI analyst brief, exportable to PDF or Markdown.

Who it is for

Executives, analysts and investment teams who need a fast, sourced picture of developments in Indonesia: politics, security, law and corruption, the economy and markets, energy and mining, disasters, social unrest, cyber and geopolitics.

Working principles

SOURCED
Everything comes from public reporting or official open data, and every item links back to the original article.

VERIFIABLE
Automated tags and AI output are leads, not conclusions. Read the evidence before acting on it.

PROPORTIONATE
Identity profiles cover **public figures only**. Private individuals in the news are never profiled.

Data sources at a glance

SOURCE	WHAT IT PROVIDES	HOW OFTEN
RSS feeds	Headlines and summaries from mainstream national and international outlets	Every 10 minutes
Claude AI web search	Articles found on trusted outlets for the monitored topics (e.g. corruption, Papua security, nickel)	Every 4 hours, or on demand
Google News	Live web search, filtered to trusted outlets	On demand
BMKG	Recent and felt earthquakes with magnitude, depth and tsunami potential	Every 10 minutes
Wikidata / Wikipedia / Commons	Public-figure facts, positions, official accounts, biography and photo	When a profile is opened (cached 7 days)

CHAPTER 2

Getting started

Open the address your administrator gave you, for example `https://greysignal.your-domain`, in any modern browser on a computer, tablet or phone.

Signing in

1. Enter your **Username** and **Password** and press **Sign in**.
2. On your **first sign-in**, or after an administrator resets your password, you are asked to **set a new password** before you can continue.
3. Passwords need at least **12 characters** and three of the following: lowercase letters, uppercase letters, digits and symbols. A password may not contain your username.

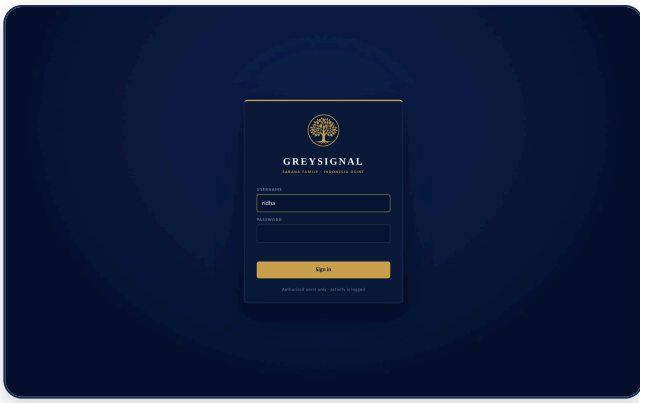


FIG 2.1 Sign-in page

> **SESSIONS**
>
> You are signed out automatically after **30 minutes of inactivity** and after at most 12 hours. Changing your password signs out your other devices.

Roles

What you can do depends on the role your administrator assigned:

ROLE	CAN DO
Viewer	Dashboard, map, feed, search of collected reporting, article details, read existing reports, sources
Analyst	Everything a viewer can do, plus: create reports, live web search, ✦ **AI web search**, ✦ **AI analysis**, Identities, Network analysis
Admin	Everything an analyst can do, plus: users and roles, audit log, trigger collection, Claude AI settings and topics

The interface

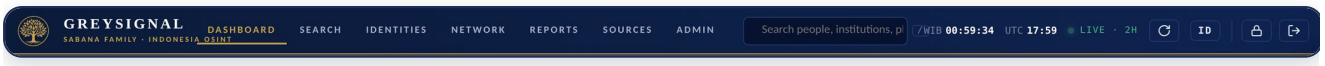


FIG 2.2 Top bar: brand, main menu, quick search, clocks, live status and account controls

ELEMENT	PURPOSE
Main menu	**Dashboard · Search · Identities · Network · Reports · Sources · Admin**. You only see the menus your role allows.
Quick search	Search people, institutions, places or tickers from anywhere. Press `/` to jump to it.
Clocks	WIB, WITA, WIT and UTC (WITA and WIT are hidden on narrow screens).
Live status	● LIVE · 2m shows the time since the last collection. It turns amber while collecting and red if the server is unreachable.
↻ Collect now	Admins only: start an RSS and BMKG collection immediately.
ID / EN	Switch the interface between Bahasa Indonesia and English. Your choice is remembered.
Account	Your name and role, 🔒 **Change password** and **Sign out**.

CHAPTER 3

The dashboard

The dashboard is your situation picture: what is being reported, where, how serious it is, and whether it is accelerating.

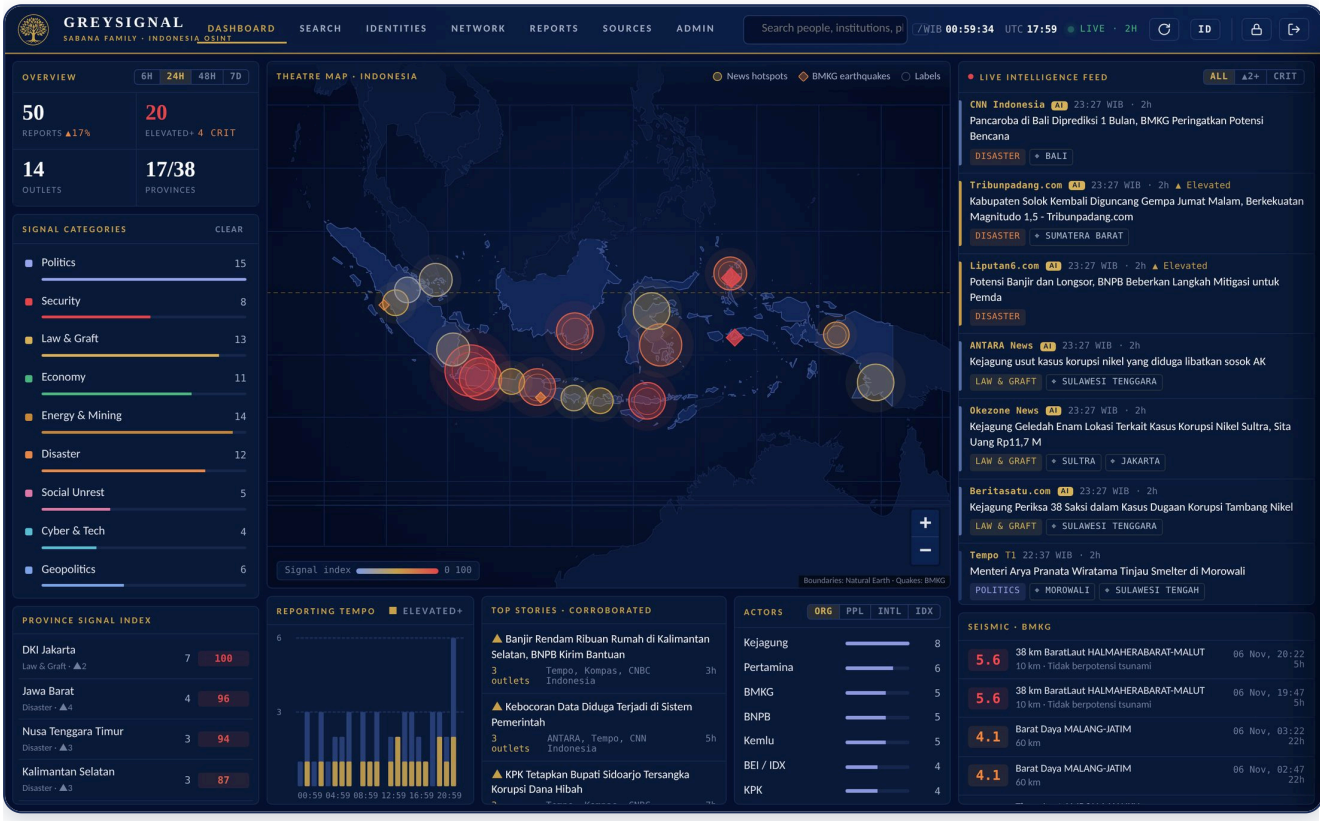


FIG 3.1 Dashboard. Left: overview, categories and province index. Centre: theatre map, tempo, top stories and actors. Right: live feed and BMKG seismic panel.

Overview & time window

Choose the time window with **6H · 24H · 48H · 7D**. Every panel on the dashboard follows it.

- **Reports**: the number of reports in the window. The arrow compares the second half of the window with the first (▲ rising, ▼ falling).
- **Elevated+**: reports rated Elevated or Critical, with the number that are Critical.
- **Outlets**: the number of distinct outlets reporting.
- **Provinces**: how many of the 38 provinces appear in the reporting.



FIG 3.2 Overview panel

Severity levels

LEVEL	MEANING	TYPICAL TRIGGERS
Routine	Normal reporting	Statements, meetings, policy announcements
Notable	Worth noting	Investigations under way, mild market moves
Elevated	Needs attention	Arrests and sting operations (OTT), floods, earthquakes, protests, data breaches, market shocks
Critical	Serious incident	Deaths, armed attacks, explosions, riots, tsunami warnings, states of emergency

Severity starts from keyword rules. When Claude AI is configured, each new article is also reviewed and its severity adjusted.

Theatre map



FIG 3.3 Theatre map with province hotspots (circles) and BMKG earthquakes (diamonds)

- **Hotspots**: each circle is a province. **Size** shows the number of reports. **Colour** shows the **signal index** (0–100: blue, then gold, then red), which combines volume and severity. A pulsing ring means a high index with Elevated or Critical reporting.
- Hover over a hotspot to see its index, report count, number of Elevated reports and main category. **Click** it to filter the whole dashboard to that province. A gold chip appears at the top left of the map; click the chip to clear the filter.

- **Layers**: switch **News hotspots**, **BMKG earthquakes** and province **Labels** on or off.
- Use the mouse wheel or the +/− buttons to zoom. On a phone, pinch to zoom.

Signal categories

Nine categories: **Politics, Security, Law & Graft, Economy, Energy & Mining, Disaster, Social Unrest, Cyber & Tech, Geopolitics**. Click one or more categories to filter the dashboard, and click **clear** to reset.

Province signal index

Provinces ranked by signal index, with their main category and the number of Elevated reports (▲). Click a province to filter the dashboard and zoom the map to it.



FIG 3.4 Category filter with counts

Live intelligence feed

The newest reports appear first. Each item shows:

- the **outlet**, `T1` for tier-1 outlets (wire services and papers of record), and `AI` for items found by the Claude AI crawler;
- the time in WIB and the age, plus a ▲ severity label for Elevated and Critical reports;
- the headline, category, places and IDX tickers (`$ANTM`).

The coloured bar on the left shows severity. Use **ALL** · **▲2+** · **CRIT** to show only serious reporting. New items flash gold when they arrive. The dashboard refreshes every minute.

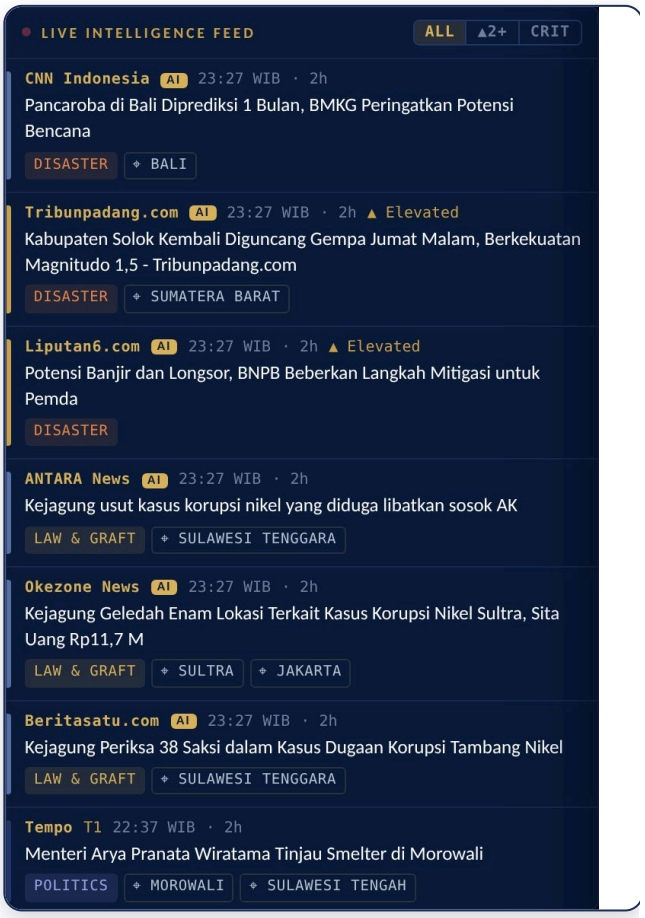


FIG 3.5 Live feed

Seismic · BMKG

The latest earthquakes, with magnitude (red at M5 or above), region, depth and tsunami potential. Click an earthquake to zoom the map to it.

Tempo, top stories and actors



FIG 3.6 Reporting tempo, corroborated top stories and trending actors

- **Reporting tempo**: reports per hour, with Elevated and Critical reporting in gold. Spikes show when a story broke.
- **Top stories · corroborated**: headlines are grouped into stories across outlets. A story carried by more outlets is better corroborated. Click a story to open it.
- **Actors**: the most-mentioned **ORG** (institutions), **PPL** (people), **INTL** (foreign actors) and **IDX** (tickers). Clicking an institution runs a search. Clicking a person opens their profile (analysts).

CHAPTER 4

Article detail & AI analysis

Click any report (in the feed, a story, search results, a profile or network evidence) to open its detail panel.

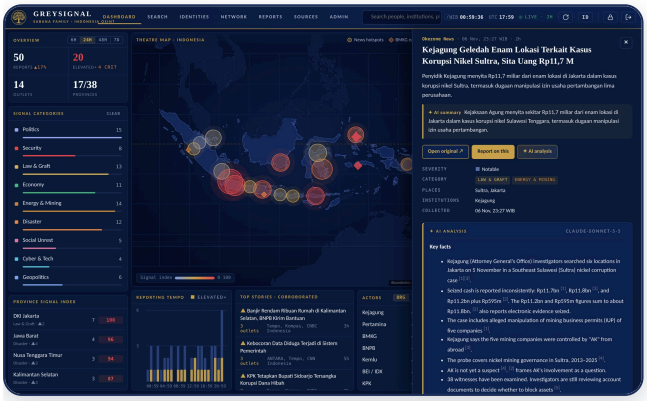


FIG 4.1 Article detail

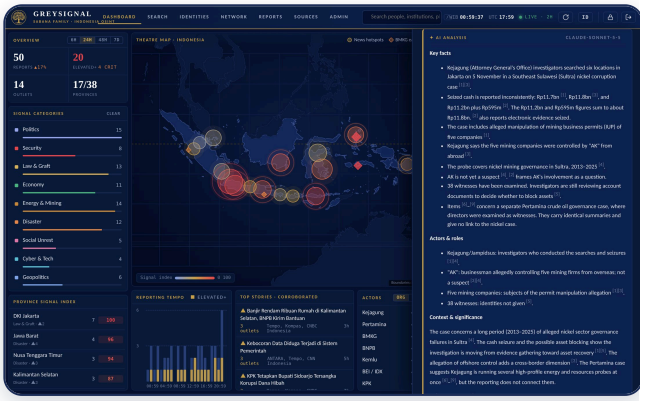


FIG 4.2 ✦ AI analysis with numbered citations

- **Open original ↗** opens the publisher's article, the authoritative source.
- The panel shows severity, categories, places, institutions, people (with roles when the AI found them), foreign actors and IDX tickers. Click a person to open their profile.
- ✦ **AI summary**: a one-sentence neutral summary in Bahasa Indonesia, when available.
- **Report on this** (analysts) creates a summary report on the topic.
- ✦ **AI analysis** (analysts) has Claude analyse the article together with related coverage. The analysis gives **Key facts**, **Actors & roles**, **Context & significance**, **Indicators to watch** and **Confidence**, in your interface language. Numbers in brackets `[1]` refer to the listed sources. The result is kept for 6 hours.
- **Related coverage** lists other reports on the same story. Press `Esc` or ✕ to close the panel.

> **READ AI OUTPUT CRITICALLY**
>
> The AI only uses the cited reporting, and it is instructed to mark single-source and unconfirmed claims. It can still be wrong. Check important facts in the original articles.

CHAPTER 5

Search

Search every collected report by text, people, institutions, places and tickers, then turn the results into a report.

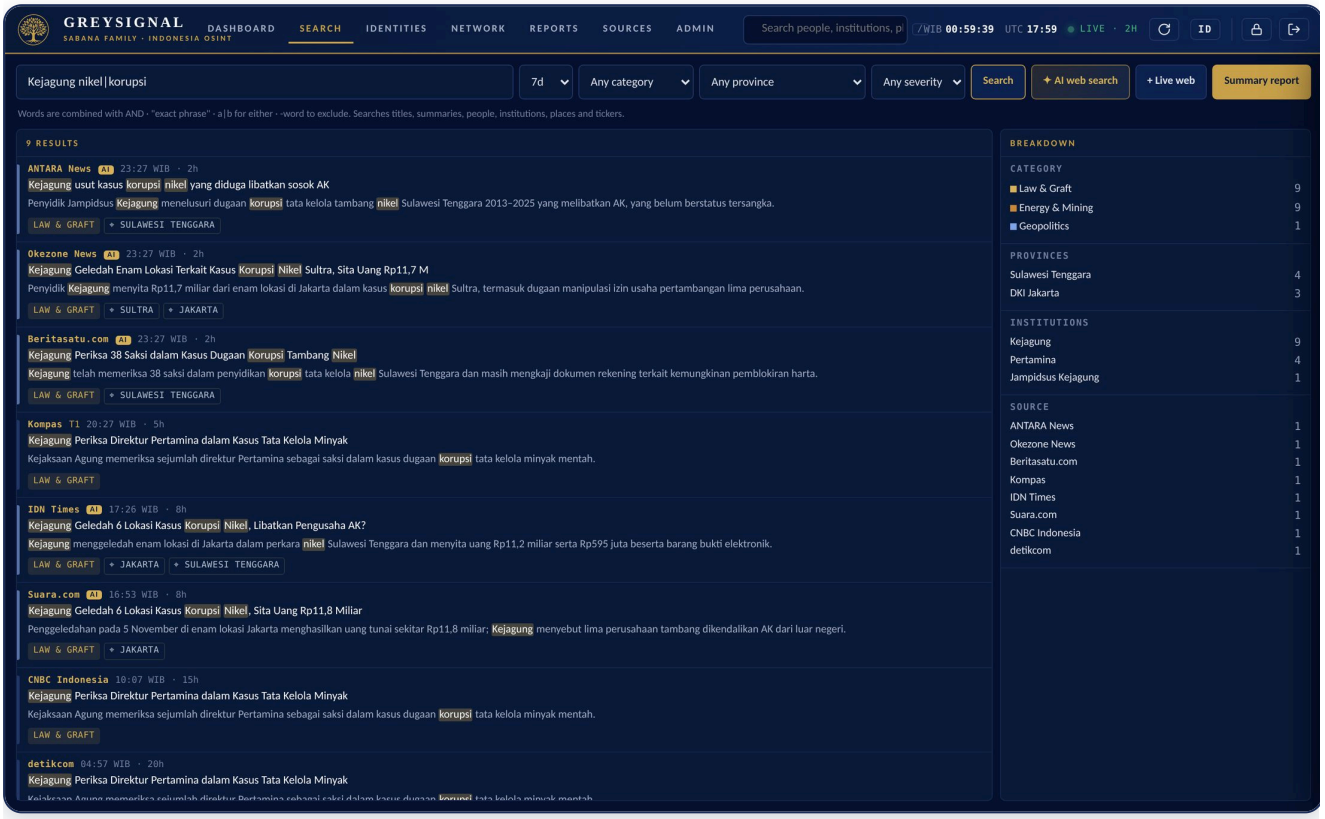


FIG 5.1 Search with highlighted matches and a breakdown by category, province, institution, people and source

Search syntax

YOU TYPE	FINDS
`KPK korupsi`	Reports containing **both** words (AND is the default)
`"Laut Natuna Utara"`	The exact phrase
`nikel|smelter`	**Either** word
`KPK -saham`	KPK, **excluding** reports that mention "saham"
`Kejagung nikel|korupsi -Pertamina`	Kejagung AND (nikel OR korupsi), excluding Pertamina

Search is not case-sensitive and covers titles, summaries, outlets, people, institutions, places, foreign actors and tickers. Narrow the results with **time window**, **category**, **province** and **minimum severity**.

Searching beyond the collection

BUTTON	WHAT HAPPENS
+ Live web	Queries Google News for your terms and adds results **from trusted outlets only** to the collection. Fast, but headlines only.
✦ AI web search	Claude searches the web on trusted outlets, picks relevant recent articles, writes a short Indonesian summary for each, and adds them. These items carry the `AI` badge. Use it when the collection has little on your topic.
Summary report	Opens **Reports** and creates a report from your current query and filters (chapter 8).

> **TIP**
>
> Start broad (`nikel`), check the **Breakdown** panel to see which institutions and provinces dominate, then refine (`nikel Kejagung "Sulawesi Tenggara"`).

CHAPTER 6

Identities: public figures

Profiles of officials, politicians and executives who appear in the news, built from Wikidata and Wikipedia and linked to GREYSIGNAL's own coverage of them.

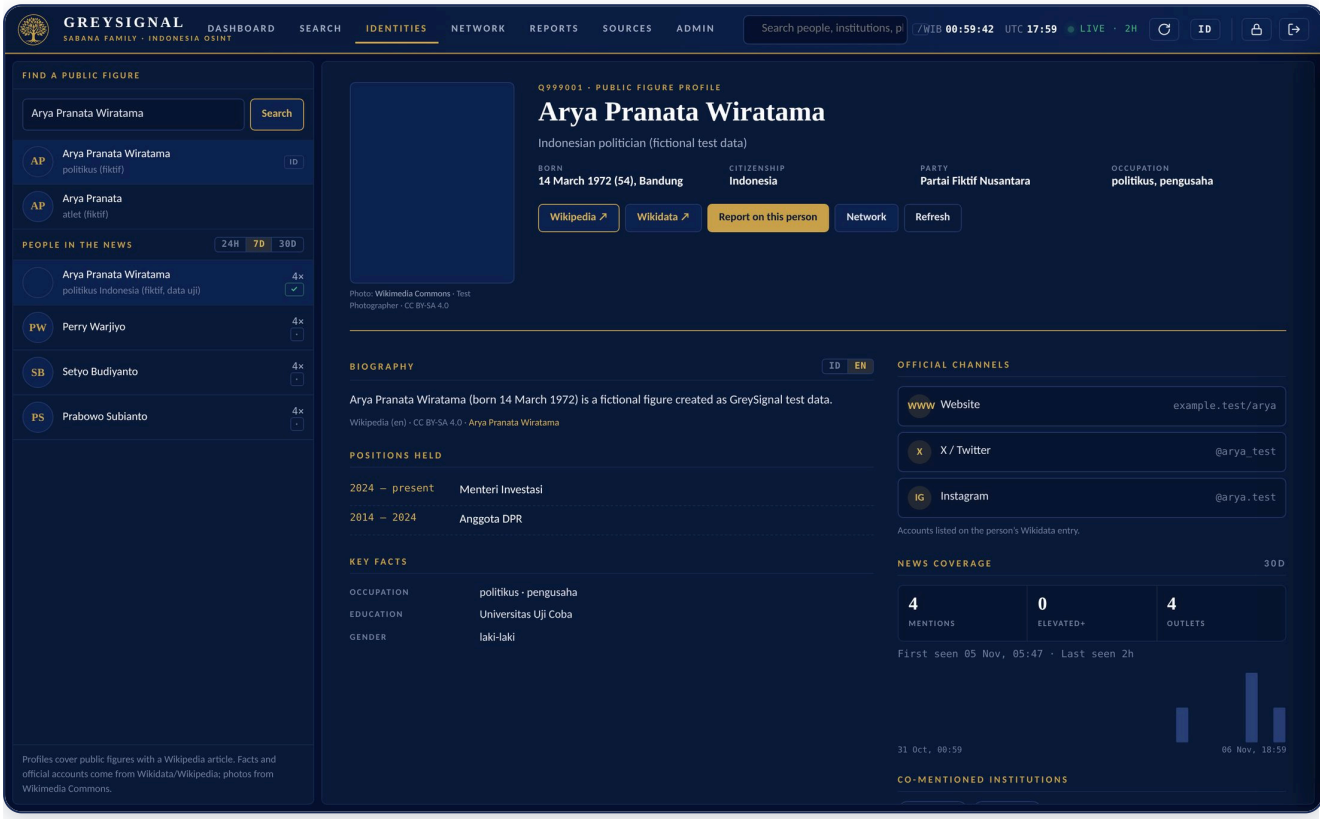


FIG 6.1 Public-figure profile (fictional test person; on a live installation the photo is loaded from Wikimedia Commons)

Opening a profile

- Type a name in **Find a public figure**, or pick someone from **People in the news** (7D, 24H or 30D, with mention counts).
- You can also click a person's name in an article, or in the **PPL** actors panel.
- If a name matches several people, GREYSIGNAL asks **Which person is this?**. Your choice is remembered for everyone. Choose **None of these** if the person has no public profile. A ✓ in the list means the name is already linked.

What a profile shows

- **Photo** from Wikimedia Commons, with the photographer and licence
- **Born** (with age), citizenship, party, occupation
- **Biography** from Wikipedia (switch ID or EN)
- **Positions held** with start and end years
- **Official channels**: website, X, Instagram, Facebook, TikTok, YouTube and LinkedIn, but only accounts **listed on Wikidata**
- **News coverage** in the last 30 days: mentions, Elevated reports, outlets, first and last seen, a tempo

- **Key facts**: education, employer, memberships, awards, military branch and rank

chart, co-mentioned institutions and people, and regions

- **Recent coverage**: the articles themselves
- Buttons: **Report on this person**, **Network** (the person's link network) and **Refresh**

SCOPE BY DESIGN

Profiles exist only for **public figures with a Wikipedia article**. Private individuals in a story, such as victims, witnesses and residents, are never profiled. GREYSIGNAL does not scrape social networks, and it does not collect religion, ethnicity or family members.

CHAPTER 7

Network analysis

Shows how cases, people, institutions, regions and foreign actors are connected in the reporting, and who sits at the centre.



FIG 7.1 Network view. Left: scope, statistics, key brokers and clusters. Centre: graph. Right: selected node with its strongest links and evidence.

> **IMPORTANT**
>
> A link means the media **mentioned two entities together**. It is **not proof** of a relationship. Always open the **Evidence** list and read the context.

Key concepts

TERM	MEANING
Node	An entity. ◆ **Case** (a story reported by several outlets, or a serious one), ● **Person**, ● **Institution**, ● **Region**, ● **Foreign actor**. Size shows the number of mentions.
Link	Two entities are linked when the **same reports mention both**. A thicker line means more shared reports. Every link keeps the reports behind it.
Broker score	Betweenness centrality (0–1): how often an entity sits on the shortest path between others. A high score means a **bridge** between groups that are otherwise separate, often a key node in a case. Nodes above 0.5 have a dashed ring.
Cluster	A group of entities more connected to each other than to the rest, typically one case or theme.
Density	How connected the network is (0–1).

Building a network

1. Set the **Scope**: an optional topic (`korupsi` , `nikel` , `Natuna`), the time window, a category and a province.
2. Tick the **Entities** to include: Cases, People, Institutions, Regions, Foreign.
3. Choose **Max nodes** (40–200) and **Min. link** (the minimum shared reports per link). Raise Min. link to keep only strong ties.
4. Press **Build network**.

Working with the graph

- **Click a node** to see its metrics, **Strongest links** and the **Evidence** articles. Its neighbours are highlighted and everything else fades.
- **Click a link**, or a row in Strongest links, to see the reports that mention both entities.
- **Drag** nodes to rearrange them. Drag the background to pan, and use the wheel or pinch to zoom. ⤢ fits the graph to the screen.
- Switch **Type / Cluster** to colour nodes by entity type or by cluster. Toggle **Labels** on or off.
- Click a **Key broker** or a **Cluster** in the left panel to highlight it.

Focus network (ego network)

Select a node and press **Focus network** to see only that entity and its direct connections (**1 hop**). Choose **2 hops** to include the connections of those connections. The focus is shown as a gold chip, and ✕ removes it.

Use this to answer questions such as *"Who and what is Pertamina connected to in this week's reporting?"*



FIG 7.2 Ego network of one institution

Map mode

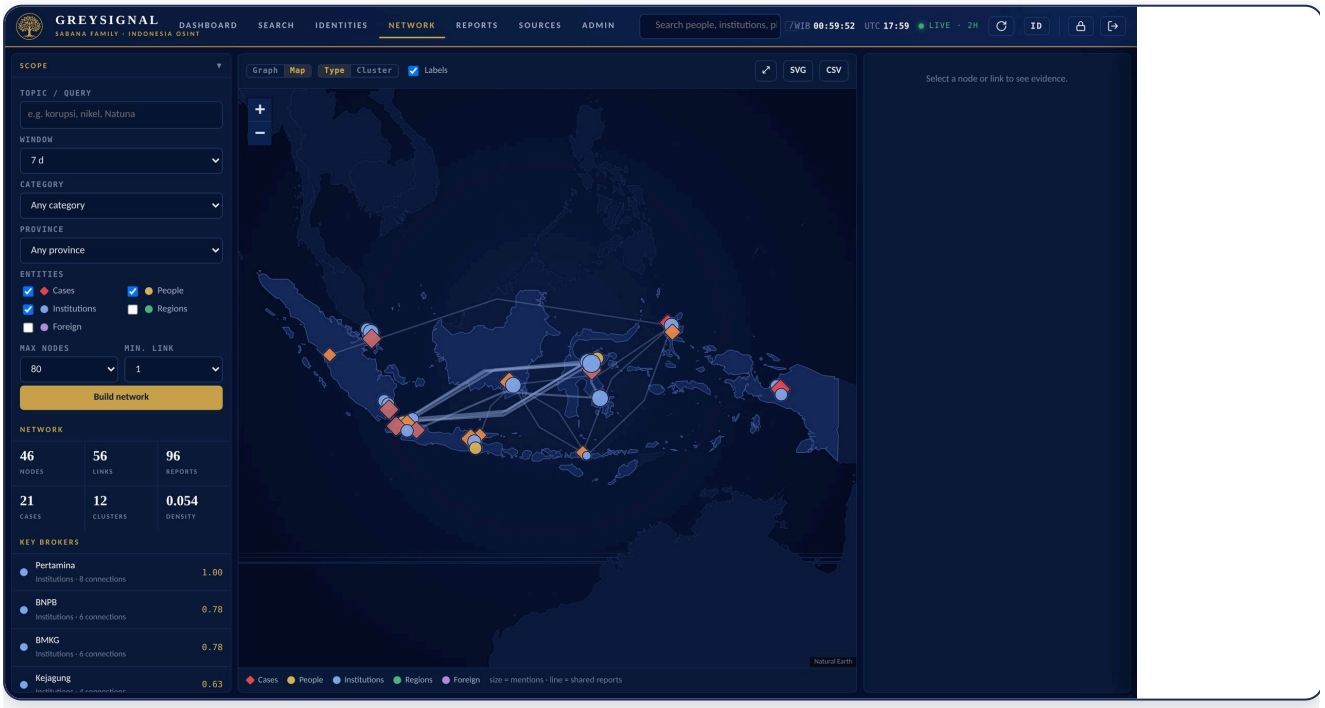


FIG 7.3 The same network placed on the map of Indonesia

Switch to **Map** to place each entity at its main province, with curved links between regions. This shows the geography of a case at a glance, for example a mining case connecting actors in Sulawesi with institutions in Jakarta. Entities without a location are not shown on the map.

Exporting

- **SVG**: the current graph as a vector image for presentations.
- **CSV**: two files, *nodes* (with metrics and province) and *edges* (with weights and evidence article IDs). They open directly in **Gephi**, i2 Analyst's Notebook and Excel.

Network results are also included in every summary report (chapter 8): key brokers, clusters and the strongest links.

CHAPTER 8

Summary reports

Turn any scope into a structured intelligence summary in seconds, ready to share as a PDF.

Creating a report

1. Open **Reports**, or press **Summary report** in Search, **Report on this** on an article, or **Report on this person** on a profile.
2. Set the **Topic / query** (leave it empty for a full situation report), **Category**, **Province** and **Window** (24 h to 30 days).
3. Choose the **Report language**: English or Bahasa Indonesia.
4. Keep **AI analyst brief** ticked to include Claude's brief.
5. Press **Generate report**.

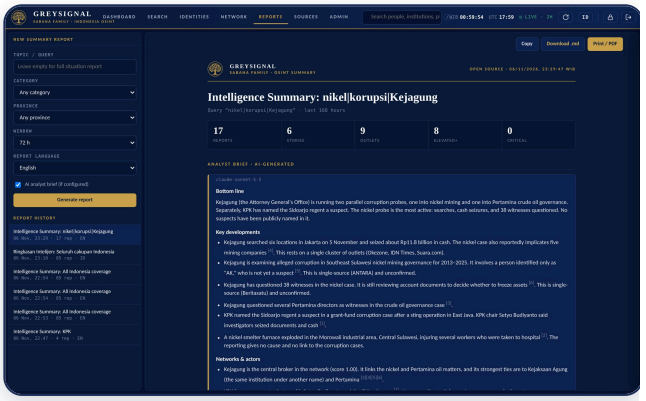


FIG 8.1 Generated report

Report contents

SECTION	CONTENT
Masthead & metrics	Sabana Family masthead, scope, time of generation (WIB), and counts of reports, stories, outlets, Elevated and Critical
Analyst brief (AI)	Bottom line, key developments with citations, networks and actors, implications and indicators, and information gaps
Key judgements	Automatic findings: dominant categories, momentum, geographic concentration, severity and corroboration
Executive summary	The most representative sentences from the reporting, each linked to its outlet
Key developments	Up to 12 stories ranked by corroboration and severity, with links to every outlet
Network analysis	Key brokers, clusters and strongest links
Actors, geography, sources	Institutions, people, foreign actors, tickers, provinces and the source base
Method	How the data was collected, and its limits

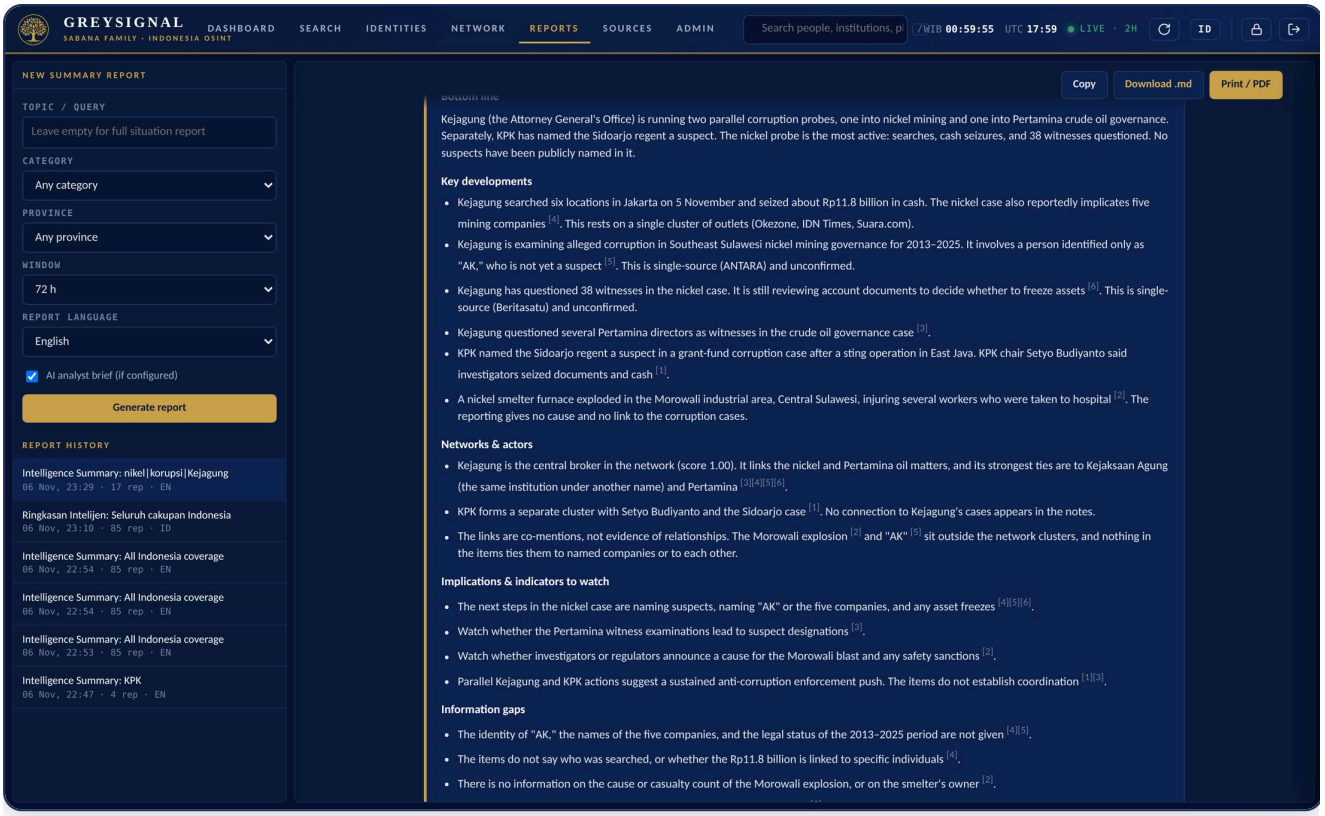


FIG 8.2 AI analyst brief inside a report

Sharing & history

- **Print / PDF** opens your browser's print dialog. Choose *Save as PDF*. The printout uses the Sabana Family letterhead style: a navy and gold masthead on a white page.
- **Download .md** saves the report as Markdown for e-mail, Notion or wikis.
- **Copy** puts the Markdown on your clipboard.
- **Report history** keeps saved reports for everyone to reopen. Viewers can read them but cannot create new ones.

> **GOOD PRACTICE**
>
> Before you circulate a report, open the key developments and check them against the original articles, especially anything the brief marks as *single-source* or *unconfirmed*.

CHAPTER 9

Sources

The health of every collection source at a glance.

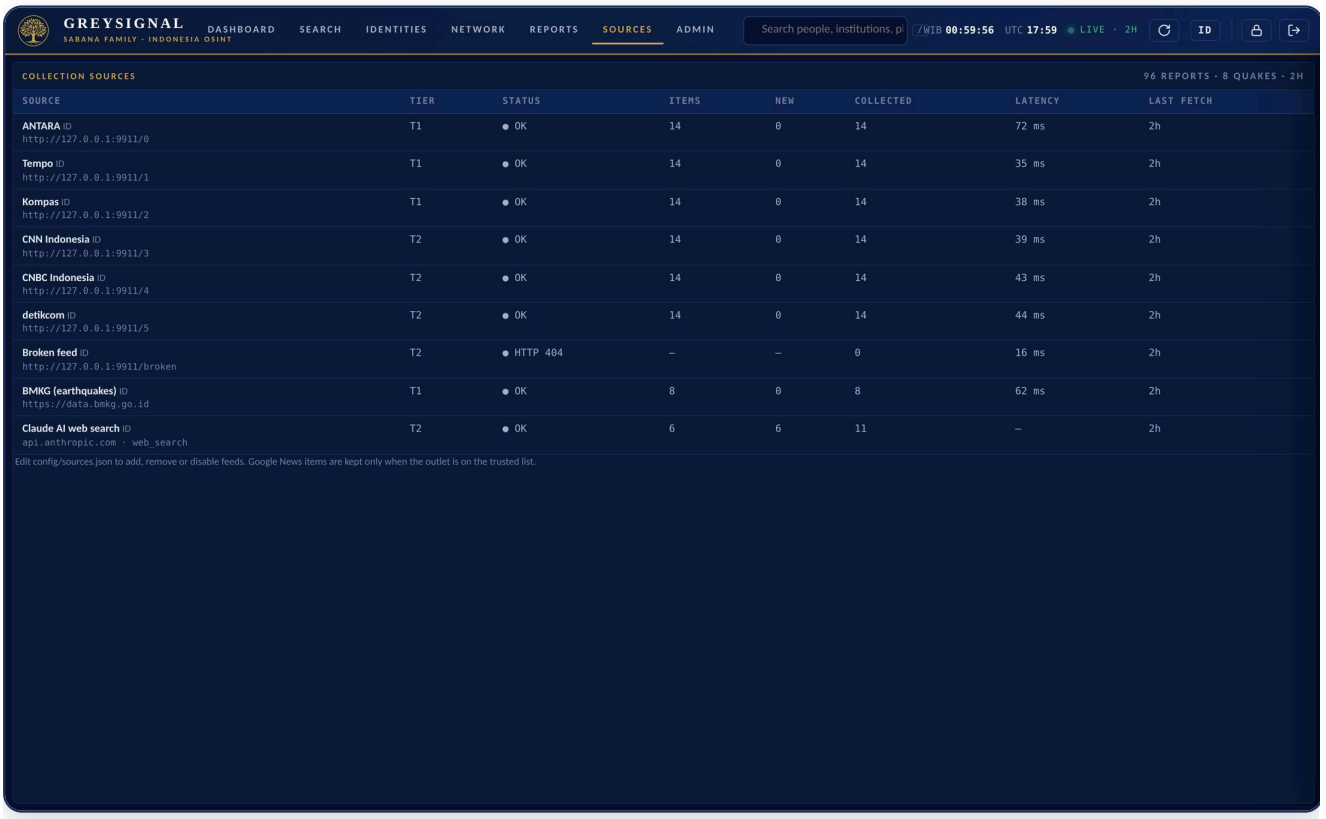


FIG 9.1 Collection sources

COLUMN	MEANING
Source	Outlet name, language and feed address
Tier	T1 = wire service or paper of record, T2 = major national outlet
Status	● OK, ● error (with the reason, shown to admins), or ○ pending
Items / New / Collected	Items in the last fetch, new items added, and the total collected
Latency / Last fetch	Response time and the time since the last fetch

The **Claude AI web search** row shows the AI crawler. Feed addresses sometimes change. If a source keeps showing an error, ask your administrator to update `config/sources.json`.

CHAPTER 10

Administration

For administrators: users, roles, the audit log and the Claude AI engine.

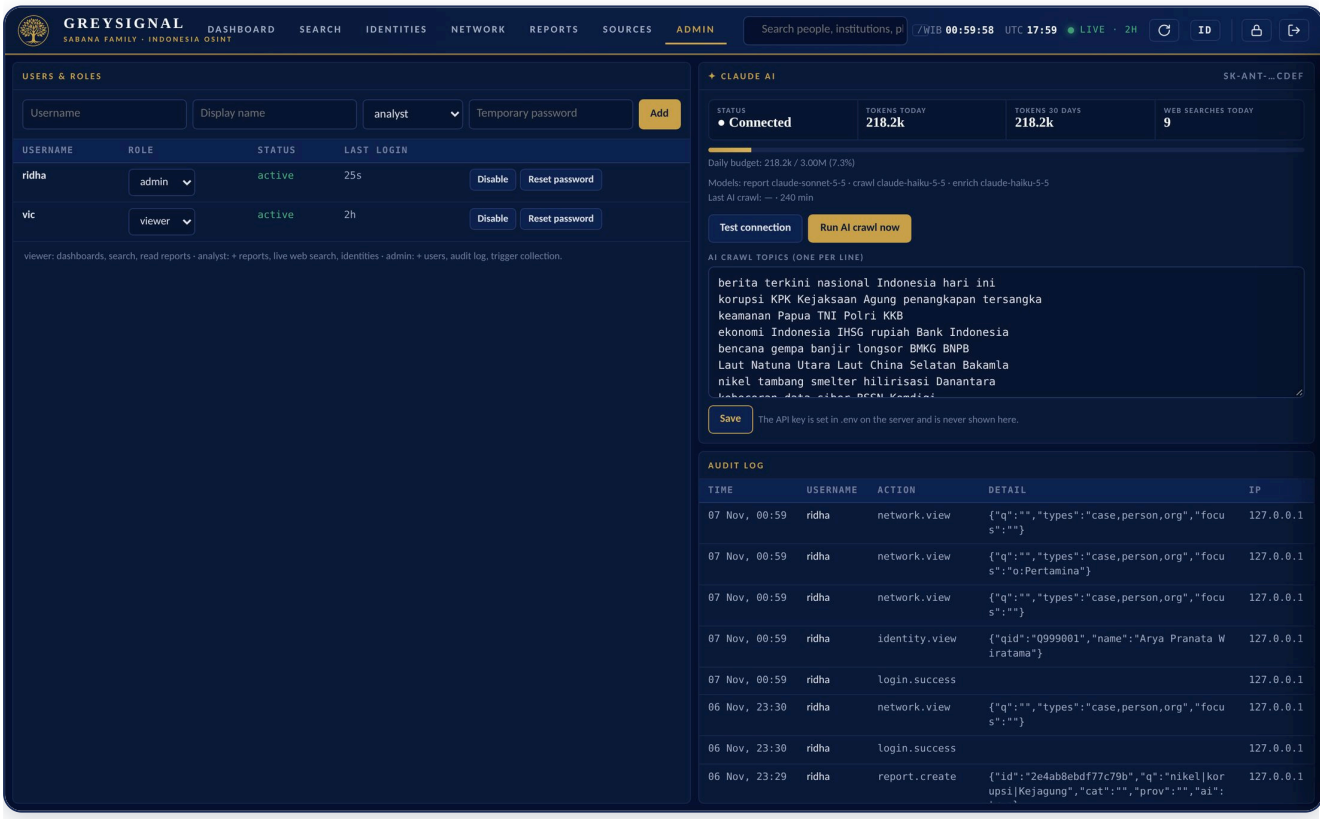


FIG 10.1 Admin. Left: users and roles. Right: Claude AI panel and audit log.

Users & roles

- **Add a user**: enter a username (3–64 characters: letters, digits, `. _ -`), a display name, a role and a **temporary password**, then press **Add**. The user must change the password at first sign-in.
- **Change a role** with the dropdown. The change applies immediately and the user is signed out.
- **Disable / Enable** blocks or restores access. Disabling signs the user out everywhere.
- **Reset password** sets a new temporary password. The user must change it at the next sign-in.
- **Unlock** appears when an account is locked after repeated failed sign-ins.
- Safeguards: you cannot demote or disable your own account, there must always be at least one active admin, and you change your own password from the account menu.

Audit log

Every security-relevant action is recorded with its time, user and IP address. This includes sign-ins (successful, failed and locked), CSRF and access denials, password changes, user changes, report creation and export, identity lookups, network views, AI searches and analyses, and crawl triggers. Failed and denied actions are shown in red. Review the log regularly.

Claude AI panel

ITEM	USE
Status	Shows whether the engine is connected, plus the last 4 characters of the API key. The key itself is never shown.
Usage	Tokens used today and over 30 days, web searches today, and a bar showing use against the **daily budget** (default 3 million tokens). AI features pause when the budget is reached.
Models	The models used for reports and analysis, crawling and enrichment
Test connection	Sends a tiny request to confirm the key works
Run AI crawl now	Searches all topics immediately instead of waiting for the next scheduled crawl (every 4 hours)
AI crawl topics	One search topic per line, for example `korupsi KPK Kejaksaan Agung`. Press **Save** to apply.

> **COST GUIDANCE**
>
> Each AI crawl topic uses about 45 thousand tokens, because web search results are counted. With 8 topics every 4 hours, usage is about 2.2 million tokens a day. Add topics carefully, and watch the usage bar.

Server tasks (IT administrator)

TASK	COMMAND
Create first admin	`npm run create-admin -- <username>`
Reset or unlock an admin	`npm run reset-password -- <username>`
Update the application	`git pull && npm install`, then restart
Run the test suite	`DB_NAME=greysignal_test npm test`
Set or rotate the Claude API key	Edit `ANTHROPIC_API_KEY` in `.env` (permissions 600), then restart

CHAPTER 11

Using GREYSIGNAL on a phone

GREYSIGNAL adapts to iPhone and Android screens. Every feature works with touch.



FIG 11.1 Dashboard

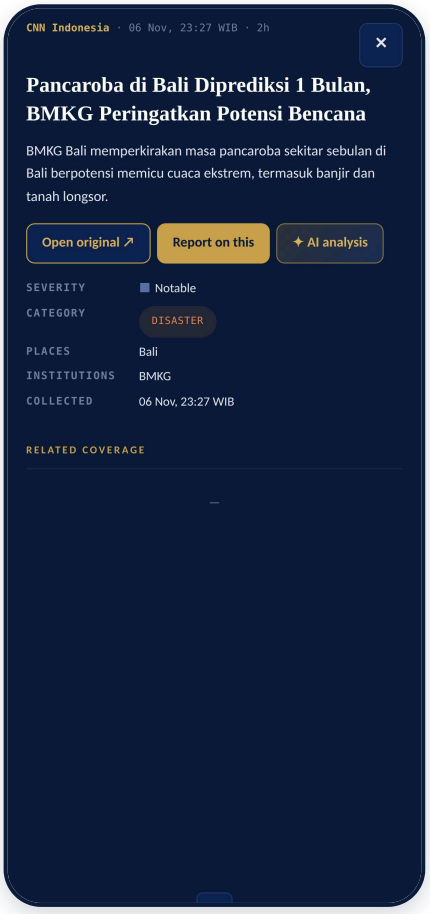


FIG 11.2 Article detail

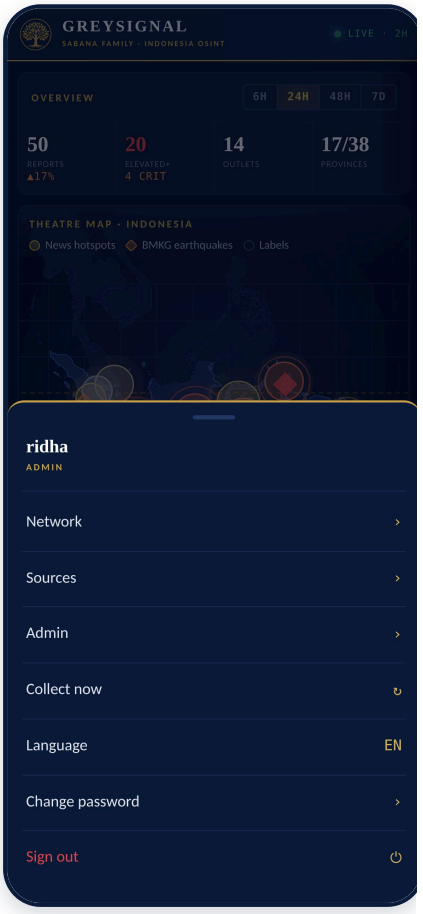


FIG 11.3 "More" menu

- The **tab bar** at the bottom holds **Dashboard · Search · Identities · Reports · More**. **More** holds Network, Sources, Admin, Collect now, Language, Change password and Sign out.
- The dashboard becomes a single scrolling column. Pinch to zoom the map, and swipe the category chips sideways.
- Article details open full-screen. Tap ✕ to close.
- **Install as an app:** on *Android (Chrome)*, open the menu and choose **Add to Home screen**. On *iPhone (Safari)*, tap **Share** and choose **Add to Home Screen**. GREYSIGNAL then opens full-screen with the Sabana Family icon.

CHAPTER 12

Security & responsible use

GREYSIGNAL holds sensitive analytical work. These rules protect the organisation and the people in the reporting.

Your responsibilities

- Use a **unique, strong password** and never share your account. Every action is logged under your name.
- **Sign out** on shared devices. Sessions also expire after 30 minutes of inactivity.
- Treat reports and exports as **internal**. Share them only with authorised people.
- Report suspicious sign-in activity or unexpected lockouts to your administrator.

Responsible analysis

- Automated tags, links and AI output are **leads**. Verify them in the original articles before you decide anything.
- A network link is a **co-mention in the media**, not evidence of wrongdoing or a relationship.
- Respect the identity scope: **public figures only**. Do not use GREYSIGNAL to profile private individuals.
- Respect copyright. Link to the original articles and do not republish them.

Built-in protections

AREA	PROTECTION
Passwords	scrypt hashing, a strong-password policy, a forced change on first use
Sessions	HttpOnly, SameSite=Strict cookies (Secure over HTTPS), with idle and absolute expiry
Access	Viewer, analyst and admin roles enforced on every request
Brute force	Per-IP limits and per-account lockout, with uniform error messages
Web attacks	CSRF tokens, a strict Content Security Policy, input validation and parameterised SQL
Secrets	The API key stays on the server and is never shown or logged
Privacy	Remote images are blocked by default, so publishers cannot see analysts' IP addresses
Accountability	A full audit log

An independent security review was carried out before release. The application passes 184 automated security and feature tests (see `docs/SECURITY-REVIEW.md`).

CHAPTER 13

Troubleshooting & FAQ

Common questions and what to do.

SITUATION	WHAT TO DO
"Invalid username or password"	Check the spelling and Caps Lock. After 5 failures sign-in pauses for 15 minutes, and the message stays the same. Ask an admin to **Unlock** the account if needed.
"Too many login attempts"	Too many sign-ins from your network. Wait 15 minutes.
Asked to set a new password	This is normal on first sign-in or after a reset. Choose a password with at least 12 characters.
Signed out unexpectedly	Your session expired after 30 minutes idle, or an admin changed your role or password. Sign in again.
A menu or button is missing	Your role does not include it (see chapter 2). Ask an admin.
Dashboard is empty	Collection runs every 10 minutes after the server starts. Check **Sources**. If every source shows an error, the server cannot reach the internet.
A source shows an error	The outlet may have changed its feed address. The admin updates `config/sources.json`.
"AI search failed" or "Daily AI budget reached"	Try again later. The admin can check the Claude AI panel for the connection, usage and budget.
No profile found for a person	Profiles exist only for public figures with a Wikipedia article. You can still search their name in **Search**.
Wrong person linked to a name	Open the name from the news again and choose the correct person (or **None of these**).
The network is too crowded	Raise **Min. link**, lower **Max nodes**, narrow the topic or window, or use **Focus network**.
Severity or category looks wrong	Tags start from keyword rules, so mistakes happen. Judge from the article itself. AI enrichment improves the tags when it is enabled.
The printed report looks different from the screen	This is intended. Printing uses the white Sabana letterhead style. In the print dialog, enable "Background graphics" to keep the navy masthead.

APPENDIX A

Quick reference card

The essentials on one page.

Search operators

`a b` both · `"a b"` exact phrase
`a|b` either · `-a` exclude

Shortcuts

`/` quick search · `Esc` close the detail panel
Click a province or category to filter · click the gold chip to clear

Severity

● Routine ● Notable
● Elevated ● Critical

Network

◆ case · ● person · ● institution · ● region · ● foreign
Broker score = bridge between groups · link = co-mention

Roles

Viewer: read · **Analyst**: + reports, AI, identities, network
Admin: + users, audit, AI settings, collection

Time zones

All times are shown in **WIB** (UTC+7). WITA = WIB+1, WIT = WIB+2.

Collection schedule

RSS and BMKG every 10 min · Claude AI crawl every 4 h
Profiles cached 7 days · AI analysis cached 6 h

Before you share

Open the originals · check single-source claims
Remember: co-mention ≠ relationship

SUPPORT

Questions about access or roles: your GREYSIGNAL administrator.
Questions about Sabana Family branding: **family@sabana.me**

GREYSIGNAL Monitoring · User Manual v1.0 · November 2026 · Sabana Family · Jl. Hang Lekiu I No. 7, Jakarta 12120, Indonesia. Internal and authorised users only.