

Group Profile

Digital Production Monitoring for the Mining Industry

If you can measure it, you can manage it.

ABOUT THE GROUP

The Accutrak Group

Industrial IoT for the global mining industry

The Accutrak Group develops and deploys digital production monitoring systems for the global mining industry. Operating across Africa and Asia-Pacific through its member companies, the group delivers end-to-end solutions that span surface, underground and on-road mining environments.

Our first company was founded in 2002 when the founders set out to modernise mining operations through bespoke electronic solutions. The initial focus was the automated tracking and weighing of trains transporting raw material underground - a foundational use case in South Africa's deep-level mining sector. Over the years, the group has evolved into a coordinated set of Industrial IoT (IIoT) technology firms offering a complete suite of optimisation solutions for surface, underground and on-road mining operations.

Our core systems are designed and built in-house. We pair our own purpose-built hardware and software with the best of the global technology landscape, allowing us to deliver mature, fit-for-purpose solutions that meet the real-world demands of the mining environment.

20,000+

Equipment
monitored

60+

Mining
operations

10+

Commodities
tracked

25

Years serving
the industry

“If you can measure it, you can manage it.”

Customer-First Engineering

At the core of our group's values lies the optimisation of our clients' operations. We prioritise empowering you to boost production, maintain compliance and cut costs through informed decision-making. A site manager is typically assigned to each client operation, supported by hardware and IT teams ready to address any issue promptly - underscoring our commitment to your continued success.

Your Data is Your Data

We believe that the data we generate belongs to our clients. We expose data through server or API access and actively work with clients to integrate our outputs into their applications, or to provide it in a format suitable for external data analytics. Each operation is unique, so custom dashboards, reports and alerts are part of our standard service offering.

GROUP STRUCTURE

Member Companies

Specialist mining technology, delivered locally through focused subsidiaries

The Accutrak Group is structured as a family of focused member companies, each anchored in the mining region it serves. This structure puts a local operating entity in front of every client while sharing a common technology platform, engineering team and product roadmap across the group.

accutrak MEMBER COMPANIES

SOUTH AFRICA

Accutrak (Pty) Ltd

The founding entity of the Accutrak Group, headquartered in South Africa. Develops and supports the full suite of group products across the African mining sector, with an established presence on deep-level gold, PGM, coal and open-pit operations.

B-BBEE Level 2 Contributor

SINGAPORE

Accutrak Pte Ltd

The Asia-Pacific arm of the group, based in Singapore. Serves mining operations across Southeast Asia and the broader Asia-Pacific region, bringing the group's digital production monitoring expertise to open-pit and surface mining environments.

attow MEMBER COMPANIES

SOUTH AFRICA

Attow (Pty) Ltd

Attow South Africa delivers digital production monitoring solutions to the local mining industry under the Attow brand, in close partnership with the broader Accutrak Group.

B-BBEE Level 2 Contributor

DEMOCRATIC REPUBLIC OF CONGO

Attow DRC

Serves mining operations in the DRC, one of the world's most mineral-rich regions, bringing group technology to open-pit and surface clients in a complex, high-value environment.

ZAMBIA

Attow Zambia

Serves mining operations across Zambia - one of Africa's foremost copper-producing nations - delivering group technology to open-pit and underground clients in the region.

smartrak

MEMBER COMPANIES

SOUTH AFRICA

Smartrak (Pty) Ltd

A South African member of the group, building on the established technology platform to deliver digital production monitoring to mining clients across the southern African region.

B-BBEE Level 2 Contributor

trakload

MEMBER COMPANIES

SOUTH AFRICA

Trakload (Pty) Ltd

A South African member of the group, delivering digital production monitoring solutions to the mining sector. Specialised in payload measurement and tonnage solutions across the ore-handling chain.

B-BBEE Level 2 Contributor

koios

MEMBER COMPANIES

SOUTH AFRICA

Koios (Pty) Ltd

The intellectual property company of the Accutrak Group. Holds and manages the group's proprietary technology, software and innovations - centralising IP ownership so that group technology assets are protected and consistently available across all member companies and their deployments worldwide.

**B-BBEE Level 2 Contributor**

Our South African member companies (Accutrak, Attow, Smartrak and Trakload) are certified Level 2 Contributors under South Africa's Broad-Based Black Economic Empowerment framework, supporting clients' procurement and transformation objectives.

SOLUTIONS

Products and Technology

Fit-for-purpose monitoring across the full ore-handling chain

The Accutrak Group delivers an integrated portfolio of mining production monitoring solutions. Each product is purpose-built for a specific stage of the ore-handling chain and engineered for the realities of the mining environment - from deep-level underground operations to open pits and the public roads in between. All products feed into a unified data platform, giving operations a single, consolidated view of ore flow.

T

Trucktrak

UNDERGROUND LOAD AND HAUL

Real-time production and fleet performance monitoring for trackless mobile machinery underground. Live visibility, OEM-agnostic hardware and purpose-built dashboards close the gap between plan and actual.

M

Minegaze

OPEN-PIT & SURFACE LOAD AND HAUL

Open-pit and surface fleet production monitoring. Live locations, loader productivity and ore-flow telemetry across the entire fleet, with reports and push notifications for in-shift control.

R

Roadgaze

ROAD HAULAGE & SECURITY

On-road fleet monitoring for trucks transporting valuable payloads. Live visibility, productivity tracking and real-time security alerts purpose-built for high-value road haulage.

S

Smartrail

LOCOS AND HOPPERS

Tracking and weighing of locomotives tramming raw material - underground or on surface. Production dashboards, throughput insights and braked-vs-unbraked cost analytics.

C

Conveyor Belt Scales

IN-MOTION WEIGHING

Live in-motion weighing with sub-10-second updates. Multi-idler accuracy, dual-platform verification, belt profiling and proactive maintenance diagnostics for accurate metal accounting.

P

Payloads

TONNAGE SOLUTIONS

The right tonnage solution for your operation: in-motion weighbridges, onboard weighing and volumetric scanning - integrating seamlessly with the wider production monitoring stack.

A

Accuchip

TRACKING INFRASTRUCTURE

Customisable tracking infrastructure - zone-based or RTLS - for material cars, mobile machines and personnel. One platform, two infrastructure options, three core use cases.

U

Unified Platform

CONSOLIDATED ORE FLOW

The architecture that ties it all together: hardware, edge, server, repository and application layers delivering cross-system ore-flow visibility and drill-down utilisation insights.

OPERATIONAL LAYER

Insights, Control and Support

How clients consume our data and how we keep operations running

Insights & Control

Live in-shift production dashboards, automated push notifications, scheduled reports and multi-device access across the entire operation. Built for in-shift control - not post-shift reporting.

Unified Platform

A consolidated monitoring architecture that connects hardware, edge, server, data repository and application layers across all ore-handling systems. Delivers cross-system ore-flow visibility and drill-down utilisation insights from a single platform.

After-Sales Support

Dedicated field teams for installation, maintenance, calibration and ongoing technical support at your operation. A site manager is typically assigned to each client, supported by hardware and IT teams that respond promptly when issues arise.

Data Ownership

The data we generate belongs to our clients. We expose it through server or API access, integrate with your applications and provide it in formats suitable for your analytics workflows. Custom dashboards, reports and alerts are part of our standard offering.

Capabilities at a Glance

Surface Mining	Open-pit fleet, payload, conveyor and weighbridge monitoring
Underground Mining	TMM, locomotive, material-car and personnel tracking
On-Road Haulage	Live visibility and security monitoring for high-value payloads
Production Reporting	In-shift dashboards, scheduled reports and exception alerts
Hardware Engineering	OEM-agnostic, purpose-built electronics for harsh environments
Software & Integration	Open architecture with API and server-level data access

FOOTPRINT

Where We Operate

Active deployments across Africa and Asia-Pacific

After 25 years serving the mining industry, the Accutrak Group has active client operations across multiple countries on two continents. Our member companies maintain a local presence in their home regions while drawing on the engineering and field-support capabilities of the wider group.

South Africa

Founding region. Deep-level gold, PGM, coal and open-pit operations.

Singapore

Asia-Pacific operating base, serving Southeast Asia and beyond.

Democratic Republic of Congo

Open-pit and surface mining clients in the central African copper-cobalt belt.

Zambia

Copper mining operations across the Zambian Copperbelt.

Ghana

Active deployments on West African gold operations.

Liberia

Mining technology in service across West Africa.

Guinea

Active operations in the West African mining region.

Indonesia

Open-pit and surface mining clients in Southeast Asia.

Two continents. Eight active countries. One unified platform.

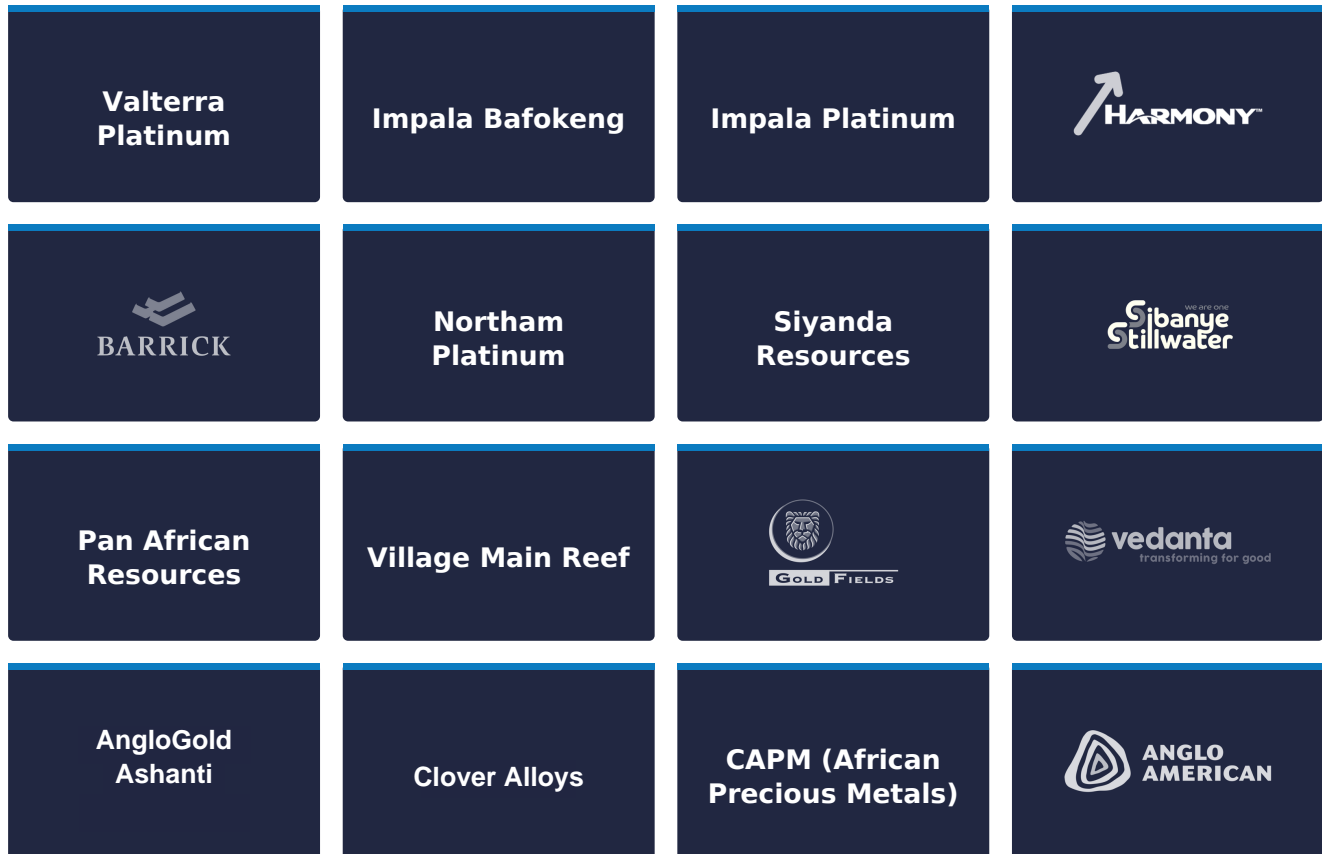
Engineering and field-support resources move fluidly between member companies to keep client operations running across all regions.

TRUSTED BY

Our Clients

Tier-1 mining houses across Africa and Asia-Pacific

Accutrak Group technology is in active service at major mining operations run by leading global producers. These long-standing relationships - many spanning multiple sites and product lines - reflect the group's consistent focus on measurable, real-world operational outcomes.



Logos shown represent mining groups at which Accutrak Group technology is in active operational use. All trademarks are the property of their respective owners.

Selected Case Study Highlights

Real-world deployments across the group demonstrate measurable operational outcomes. Full write-ups are available on request.

- Ore-flow visibility across an entire underground gold mine
- Bringing live tramming performance underground
- From data reconciliation to bottom-line impact at a tier-1 gold mine
- Digitising material-car surface management at a deep-level gold mine
- Controlling high-value ore haulage on public roads
- Production visibility in bord & pillar mining
- Portal mining: controlling surface tipping
- Quantifying the impact of precipitation on open-pit production
- Resolving the confusion between availability and utilisation

WHY THE GROUP

Why Accutrak

Mining-specific engineering, delivered by people who answer the phone

01 25 years of mining-only focus

Founded in 2002, the group has spent every one of its 25 years building technology for one industry: mining. That focus shows in our products, our people and our problem-solving.

02 In-house research and development

Our core hardware and software is engineered in-house. We pair our own purpose-built electronics with the best of the global technology landscape, and we own the roadmap end-to-end.

03 Open architecture, your data

We believe the data we generate belongs to you. Server and API access are standard, custom dashboards and reports are part of our standard offering, and integration with your stack is something we work on actively.

04 Local entity, group capability

Each member company is anchored locally - South Africa, Singapore, the DRC, Zambia. Behind each one stands the engineering, support and product capability of the full group.

05 Site managers, not call centres

We typically assign a site manager to each client operation, backed by hardware and IT support teams that respond promptly. Our after-sales support is one of the things clients tell us they value most.

06 Tier-1 reference base

Our technology is in service at major operations run by leading global producers - across gold, PGM, copper, coal and other commodities - in some of the most demanding mining environments on earth.

GET IN TOUCH

Contact

Talk to the group about a deployment, demo or quote

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Member Company Offices

Entity	Country	Focus
Accutrak (Pty) Ltd	South Africa	South Africa Mining Clients
Accutrak Pte Ltd	Singapore	Southeast Asia Mining Clients
Attow (Pty) Ltd	South Africa	South Africa Mining Clients
Attow DRC	Democratic Republic of Congo	DRC Mining Clients
Attow Zambia	Zambia	Zambia Mining Clients
Smarttrak (Pty) Ltd	South Africa	South Africa Mining Clients
Trakload (Pty) Ltd	South Africa	South Africa Mining Clients
Koios (Pty) Ltd	South Africa	Group intellectual property entity

Want to find out more about the Accutrak Group?

Get in touch for a demo, a quote or a conversation about your operation.