

AI-NATIVE LAUNCHPAD · MINING & METALS

More trucks running. Safer shifts. Numbers that add up.

An AI-native mine spots failing equipment before it stops a haul, checks crews hold the right licences and reconciles tonnes and grade as the shift runs. People make the calls; AI does the watching.

01
Know where to start
Find the AI opportunities that matter most to your business.

02
See it work
Pick one idea and we build a working proof of concept with you.

03
Know what comes next
Get a step-by-step roadmap with timeline, budget and estimated return.

FIXED-FEE PACKAGES

Launch **$2,500**

Accelerate **$7,500**

Transform **$19,500**

Algoshred Technologies Pvt. Ltd.
Serving businesses worldwide, with a presence in India, the USA and the UAE.

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MINING & METALS · WHERE AI HELPS

From today’s problems to AI-native work

THE PROBLEMS TODAY

01

Haul trucks lost to surprise failures

A major component fails mid-shift, a truck is parked for days and the whole haul plan falls behind.

02

Crews on machines they can’t run

Rosters are built by hand, so operators can end up on machines their licences or training do not cover.

03

Tonnes and grade that don’t agree

Pit, plant and shipping figures differ, and the gaps are found at month-end instead of during the shift.

WHERE AI CAN HELP

01	**Equipment health alerts**	Flag trucks and machines drifting from normal so parts can be changed in a planned stop.
02	**Licence-aware rosters**	Check every roster against licences and training, and flag gaps before the shift starts.
03	**Shift reconciliation**	Compare pit, plant and shipping numbers each shift and point out the gaps to look at.
04	**Lot and shipment tracking**	Follow each lot from mine to buyer and warn early when weight or grade changes.
05	**Carbon and fuel reporting**	Pull fuel and energy use into regular reports buyers ask for, without rebuilding them by hand.

FOR INSPIRATION

AI-native ideas to get you thinking

Examples only, to show what AI-native work can look like. They are not part of the package scope or a promise of what we will build; your POC is agreed with you.

The pre-start fleet brief

TODAY

Supervisors read maintenance logs and radio around to see which trucks are fit to run.

AI-NATIVE

A pre-start brief could list trucks at risk of a failure, the readings behind each and the parts likely needed.

Rosters checked before the shift

TODAY

Supervisors check licences against rosters on paper, and gaps slip through.

AI-NATIVE

Each roster could be checked against licences and training, with any gap flagged for a supervisor to fix.

Reconciling tonnes every shift

TODAY

Analysts reconcile pit, mill and port figures in spreadsheets at month-end.

AI-NATIVE

Each shift could end with a short note showing where the figures differ and the likely reason to check.

MINING & METALS · THREE PACKAGES

Your Launchpad

FIXED FEE, AGREED SCOPE	Launch **$2,500** Small businesses 1–50 employees · 3–4 weeks	MOST POPULAR Accelerate **$7,500** Growing companies 51–500 employees · 5–6 weeks	Transform **$19,500** Larger organisations 501+ employees · 8–10 weeks
Teams we work with	1 team	3 teams	6 teams
AI opportunities assessed	Up to 5	Up to 10	Up to 20
Working proof of concept	1 simple POC	1 connected POC	1 advanced POC
AI-native roadmap	6-month plan	12-month plan	18-month plan
Team training	1 session	2 sessions	4 sessions
Follow-up review	30 days after	30 days after	30 days after

EVERY PACKAGE INCLUDES

- AI-native consultancy and roadmap
- One proof of concept you choose
- One Burdenoff product free for 3 months
- Budget and return-on-investment model
- Executive readout

WHAT YOU RECEIVE: 8 DELIVERABLES

01 **AI readiness scorecard**
02 **Opportunity map**
03 **Ranked use cases**
04 **One working proof of concept**
05 **AI-native roadmap**
06 **Budget and ROI model**
07 **AI governance starter kit**
08 **Executive readout**

PROOF OF CONCEPT

You choose the proof of concept

Pick one of our suggested ideas for your industry, or bring your own business problem. We check that it fits the package, agree what success looks like in writing, then build it with you.

Good to know: A proof of concept shows an idea working on real or sample data. It is not a production system; we scope the production version with you as a next step.

LAUNCH · $2,500

Site procedures assistant

An assistant that answers crew questions from your site procedures, safety rules and maintenance notes, so answers come faster.

SUCCESS MEASURE
Time to answer common crew and maintenance questions

ACCELERATE · $7,500

Haul truck health alerts

Alerts built from truck and maintenance data for one fleet, sent to the maintenance team with the reason behind each one.

SUCCESS MEASURE
Unplanned truck stops and alert accuracy

TRANSFORM · $19,500

Pit-to-port reconciliation desk

One view that compares tonnes, grade and lot data from pit to shipment and flags gaps for the right team to check.

SUCCESS MEASURE
Time to reconcile and size of unexplained gaps

INCLUDED IN EVERY PACKAGE

Any one product, free for 3 months

Pick any live product from the Burdenoff portfolio and use it free for 90 days.

- One product per organisation
- 90 days in a row from activation
- Agreed seats and usage
- No automatic paid renewal
- Export your data at the end

GOOD FITS FOR MINING & METALS

TheGlobalFuel	Run mineral, fuel and resource operations with carbon and ESG tracking built in.
AssetHandler	Track haul trucks, plant and components with work orders and full history.
CrewFoundry	Track crew training and certificates, and share shift and safety updates with crews.

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ALGOSHRED TECHNOLOGIES

MINING & METALS · THE ROAD AHEAD

Your road to AI-native

STEP ONE: THE LAUNCHPAD | NEXT STEPS WE CAN TAKE TOGETHER

Months count from the end of your Launchpad.

NOW · 3–10 WEEKS

Launchpad

Map where downtime, rostering and reconciliation cost you most, prove one idea on real data and agree a costed roadmap.

NEXT · MONTHS 1–3

Roll out the first win

Take the proven idea into daily use across more fleets, pits or shifts, with training and clear owners.

THEN · MONTHS 4–9

Connect pit to port

Link fleet, crew, plant and shipping data so every team works from the same numbers.

LATER · MONTHS 10–18

Run AI-native

AI helpers become part of every shift, from pre-start to shipment, measured and improved each month.

> The Launchpad is step one: it shows the real value of going AI-native in your own business. Rolling out, scaling and running AI day to day are later steps. You decide if and when to take them, with us or anyone else.

THE FIRST 100 DAYS

Your package takes 3–10 weeks of this. The rest is your team trying the POC, deciding and preparing, with our 30-day follow-up.

DAYS 1–15
Discover
Talk to your people, measure today's costs and check AI readiness.

DAYS 16–30
Prioritise
Pick the highest-value ideas, review the risks and agree the POC.

DAYS 31–60
Prove
Build and test the proof of concept with your team.

DAYS 61–75
Plan
Finish the roadmap, budget, operating model and estimated return.

DAYS 76–100
Decide
Review results, train owners and choose what to invest in next.

HOW WE MEASURE SUCCESS

- **Unplanned equipment downtime**
- **Rosters with licence or training gaps**
- **Time to reconcile tonnes and grade**
- **Lots disputed by buyers**

HANDLE WITH CARE

- Keep a person in charge of every call that affects crew safety, blasting or stopping equipment.
- Agree who can see production, grade and crew data, and keep it out of public AI tools.
- Equipment alerts help plan maintenance; they do not replace inspections or pre-start checks.

YOUR PROTECTIONS

- ✓ **Fixed fee for an agreed scope**
- ✓ **Written success criteria for the POC**
- ✓ **A named engagement lead**
- ✓ **Weekly progress updates**
- ✓ **Your data rights written into the contract**
- ✓ **Tool advice based on fit, not on what we sell**
- ✓ **No access to live systems without your approval**
- ✓ **Clear exit and data export at any point**

START HERE

Book a free AI consultation

A 30-minute call about your business. Serving businesses worldwide, with a presence in India, the USA and the UAE.

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Fixed fees in US dollars. Taxes and third-party usage (for example AI model or cloud charges) are extra and always agreed in writing first. Return estimates are scenarios built from your own numbers with the assumptions written down. They are not guarantees.