

Know the fleet. Control the risk.

Fleet intelligence software and specialist consulting for surface and underground mining.



01 / FLEET INTELLIGENCE SOFTWARE

Investigate machine behaviour and operational patterns. Use analytics, AI-assisted analysis and haul-trip simulation to explore fuel consumption, braking demand, wear and fleet performance.

02 / COLLISION-AVOIDANCE CONSULTING

Traffic & risk

Traffic management plans, interaction risk assessments and operating procedures.

Detection & validation

PDS assessment, proof-of-concept work and evaluation against operating scenarios.

Machine interface & intervention

Level 9 implementation support, OEM coordination, installation and commissioning.

From assessment to operation.

Engagements connect technical delivery, operational readiness and people adoption. Scope and acceptance criteria are defined for each project.

01 Assess

Readiness assessment, requirements, control gaps and prioritised actions.

02 Validate

Proof-of-concept plans, acceptance scenarios and machine-interface review.

03 Implement

Field installation, commissioning evidence, CAS telemetry and servers, procedures and handover.

04 Sustain

Maintenance support, continuing compliance review, root-cause investigation and corrective actions.

TEAM EXPERIENCE

CAS-9 implementation experience across North America, South America, Central Asia and Southern Africa. Electrical, mechanical and mining engineering expertise, complemented by neuroscience and communications backgrounds.

Operating environments: surface and underground.

Equipment: haul and dump trucks, LHDs, light and utility vehicles, drill rigs and front-end loaders.

Technical background: ISO 21815 experience and coordination across mines, machine OEMs, PDS suppliers and intervention providers.

Experience statements describe the team's background, including work before VORX. They do not imply client endorsement, standards certification or guaranteed operational results.