



Case Studies

Eliminate chaos, scale production, and unlock latent capacity.

01 Newcrest Mining

Telfer, Western Australia

02 OZ Minerals (now BHP)

Prominent Hill & Carrapateena, SA

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Somisy, Mali

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OroValle, Asturias, Spain

CASE STUDY 01

Newcrest Mining

Transforming planning, execution and culture across three operational disciplines at one of Australia's largest gold-copper mines.

LOCATION

Telfer, Western Australia

INDUSTRY

**Open Pit / Underground / Process Plant
— Copper Gold**

PERIOD

2017–2019

DURATION

Multi-year, multi-discipline engagement

CHALLENGE

Telfer's underground mining contractor was underperforming. The technical services team could not produce plans and schedules of the requisite quality in time, creating a bottleneck that flowed through to execution across the whole operation. In the process plant and open pit, meetings were ineffective, action ownership was unclear, and there was no consistent framework for short-interval control or cross-departmental collaboration. The operation needed a ground-up overhaul of how it planned, communicated and held itself accountable.

SOLUTION

FPC deployed a multi-disciplinary team across three concurrent workstreams. In underground operations, we overhauled planning and scheduling, restructured daily reviews and introduced short-interval control — driving a 24% increase in average hoisted tonnes per day within 12 months. In the process plant, we redesigned daily meetings, introduced clear task allocation and consolidated fragmented actions into a single management framework. Across the open pit, we implemented integrated short-term planning and scheduling over two iterations spanning 24 months, improving collaboration and role clarity at every level.

IMPACT

- **24% increase in average hoisted tonnes/day**
Achieved within 12 months of project start in underground operations.
- **MOS deployed across three disciplines at once**
Underground, open pit and process plant operating under a unified management framework.
- **Multi-year engagement across two iterations**
Sustained improvement across open-pit operations over 24 months.

CASE STUDY 02

OZ Minerals (now BHP)

A long-term Management Operating System partnership spanning two major underground copper operations — from planning overhaul to advanced analytics and leadership development.

LOCATION

Prominent Hill & Carrapateena, SA

INDUSTRY

Underground Copper Mining

PERIOD

2019–Present

DURATION

4+ year ongoing engagement across two sites

CHALLENGE

OZ Minerals' underground copper operations at Prominent Hill and Carrapateena lacked a structured Management Operating System. Planning and execution were disconnected, meetings were ineffective, and there was no real-time visibility over performance. Leadership capability was inconsistent across both sites, with no systematic approach to people development or team effectiveness. With two sites to transform and production targets under pressure, a coordinated, long-term approach was essential.

SOLUTION

FPC implemented a comprehensive MOS from scratch across both operations — restructuring daily planning and review meetings, introducing a purpose-built Stope Tracker for real-time underground visibility, and building advanced Power BI dashboards for clear, actionable insight. In parallel, we delivered a full leadership development programme — Harrison Assessments, 360° feedback, individual coaching and Effective Teams facilitation — building lasting capability across both site management teams over four years.

IMPACT

- **Stope Tracker introduced across both operations**
A purpose-built tool giving real-time visibility over underground planning and execution.
- **Advanced Power BI reporting built from the ground up**
The most sophisticated operational reporting deployed across the OZ Minerals portfolio.
- **Ongoing leadership development delivered**
Harrison Assessments, 360° feedback, coaching and team facilitation across two sites.

CASE STUDY 03

Resolute Mining

Building a Management Operating System from scratch across a remote West African gold operation — all four disciplines, all during Covid.

LOCATION

Somisy, Mali

INDUSTRY

Gold (UG & Open Pit), Processing, Maintenance, Supply

PERIOD

2020–2022

DURATION

24 months on-site with off-site support

CHALLENGE

Resolute Mining's Somisy operation had no formal Management Operating System across any of its four disciplines — no consistent planning processes, structured meeting frameworks or performance management. The operation carried added complexity: a remote West African location with significant cultural and logistical challenges. Any system would need to be embedded deeply enough to be sustained by local management long after the project closed — making capability transfer as important as the implementation itself.

SOLUTION

FPC deployed a small consultant team on-site for 24 months, building an MOS from scratch across mining, processing, maintenance and supply. We redesigned planning and execution at every level, introduced structured meeting frameworks from the front line to senior leadership, and delivered an extensive management and leadership programme — Harrison Assessments, 360° evaluations, coaching and Effective Teams facilitation — designed to build local capability and embed the system for the long term.

IMPACT

- **Full MOS built from scratch across four disciplines**
Mining, processing, maintenance and supply all operating under a unified framework.
- **24-month deployment in a remote, complex environment**
A multi-consultant team embedded in Mali with full operational coverage.
- **A capability programme built to last**
Leadership and management development embedded to sustain performance beyond the engagement.

CASE STUDY 04

Orvana Minerals

Overhauling underground planning and mobile maintenance simultaneously at an operating gold mine in northern Spain.

LOCATION

OroValle, Asturias, Spain

INDUSTRY

Underground Gold Mining

PERIOD

2018–2019

DURATION

9 months, dual-discipline

CHALLENGE

Orvana's OroValle operation faced challenges across two critical disciplines at once. Underground planning and scheduling lacked real-time visibility, and daily execution was disconnected from the plan — creating reactive, uncoordinated shift management. In mobile maintenance, there was no formal prioritisation, skills matrices were absent, essential meetings were not happening, and maintenance-to-stores integration was ineffective. Unaddressed, these issues compounded each other: poor availability limited what underground could plan, and poor planning made maintenance prioritisation harder.

SOLUTION

FPC deployed specialist consultants across both workstreams concurrently, treating underground and maintenance as one interconnected system. In underground operations, we overhauled planning and daily reviews and introduced a Kanban board to plan, track and manage work in real time — replacing a reactive approach with structured visual management. In mobile maintenance, we introduced a formal prioritisation process, built skills matrices, established the missing meeting cadence, and rebuilt stores integration from the ground up. Both ran in parallel over nine months.

IMPACT

- **Kanban-based real-time tracking implemented**
Underground work planned, tracked and managed visually for the first time.
- **Mobile maintenance rebuilt end-to-end**
Prioritisation, skills, meeting cadence and stores integration all established from scratch.
- **Dual-discipline engagement delivered concurrently**
Both workstreams running simultaneously and treated as one integrated operational system.