UNYDE® One

CASE STUDY

Fleet

A Mozambique coal fleet on the group's Indian standard

The same fleet reporting the group runs in India, read from site and from head office, with fuel reconciliation through flowmeters as the second phase.

MINERAL	REGION	OPERATION	STARTING STAGE
Coal	Mozambique	Open pit	Stage 2: Instrumented, in silos

THE OPERATION

- A coal operation in Mozambique, owned by an Indian steel group.
- The whole fleet managed from site and from the group's head office in India.
- Network conditions and regulations that differ from the group's Indian sites.

DISCIPLINES

Fleet · Fuel · Command

THE PROBLEM

The group wanted its Mozambique fleet reported in the same definitions as its Indian mines, rather than in a separate local format, with a defined path to fuel reconciliation.

HOW THE WORK IS PHASED

1. **Phase 1.** Fleet management kit on every machine.
2. **Phase 2.** Flowmeter integration to reconcile fuel per machine.

IN DETAIL		WHAT CHANGES ON SITE	
Fleet data	Position, engine hours, idle and haul cycles	Site reports in local formats	→ **Reports in the group's definitions**
Fuel	Flowmeter volumes reconciled per machine	Fleet data held at site	→ **Site and head office read the same record**
Users	Site team and head office in India, on the same record	Fuel known at purchase	→ **Fuel reconciled per machine in phase 2**
Support	Configuration and firmware updates done remotely	Device changes need a site visit	→ **Configuration and updates done remotely**

NEXT STEP

Discuss an operation like this one.

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