UNYDE® One

CASE STUDY

Dispatch

One gate read: e-Transit Pass, e-way bill and SAP documents

One RFID read as a truck reaches the gate starts its transit pass, its e-way bill and the SAP delivery and billing chain.

MINERAL	REGION	OPERATION	STARTING STAGE
Coal	Chhattisgarh, India	Captive mine	Stage 3: Connected, not reconciled

THE OPERATION

- A captive coal mine supplying an integrated steel plant.
- Every despatch needs a state e-Transit Pass, an e-way bill and a chain of SAP documents.
- Trucks pass through a small number of gates and weighbridges.

DISCIPLINES

Dispatch · Fleet · Command

THE PROBLEM

Weights, transit passes and SAP documents were each entered by hand for every truck, so delay and keying errors built up at the gate.

HOW THE WORK IS PHASED

1. **Map.** The document chain traced from loader to invoice, transaction by transaction.
2. **Integrate.** UHF RFID at gates and weighbridges, and a link to Khanij Online 3.0: through its API where one is available, through controlled automation where it is not.
3. **Automate.** Delivery, billing and the e-way bill generated from the trip record.

IN DETAIL	
Identification	UHF RFID tags on trucks; readers at gates and weighbridges
Transit pass	Khanij Online 3.0 e-Transit Pass
SAP transactions	VL01N, VL02N, VF01, VF02, ZEINV
Tax document	E-way bill from the trip record

WHAT CHANGES ON SITE	
Weights keyed by hand	→ **Weight read from the weighbridge against the truck tag**
Transit pass raised separately	→ **Transit pass raised from the trip record**
SAP documents re-keyed	→ **Delivery and billing documents posted from the trip**
Trucks wait for paperwork	→ **Documents ready as the truck clears the gate**

NEXT STEP

Discuss an operation like this one.

Tell us where your sites are today and what is installed. info@unyde.in · +91 99719 17137

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