



ADMMIT

Total Mining Inventory
Tracking, Traceability and
End-to-End Visibility

1 STAGING AREA

STAGING PERSONNEL

- Receives goods from supplier
- Stores in short term storage
- Prepares goods for warehouse

WITH ADMMIT

- Automatic receipt; Check against waybill/packing slip
- Track location of goods within short term storage area

BENEFIT/OUTCOME

- Integrates with ERP
- Prevents unaccounted inventory

WITHOUT ADMMIT

- Requires manual receipt process; Prone to human error
- Could get lost; Prone to human error

2 WAREHOUSE

WAREHOUSE PERSONNEL

- Receives goods from staging area
- Inputs goods into system
- Consolidates and packs goods

WITH ADMMIT

- Validate order against WO or PO
- Faster and more reliable input process

WITHOUT ADMMIT

- Manual validation process
- Prone to human error

BENEFIT/OUTCOME

- Automatically checks against ERP work order
- Prevents human error in receiving

3 TRANSPORT

TRANSPORTATION PERSONNEL

- Picks up from warehouse
- Delivers to site

WITH ADMMIT

- Focus on dependable delivery
- System auto-updates correct item delivered
- Ability to enable short interval control

BENEFIT/OUTCOME

- Know location of goods
- Deliver right items to right place

WITHOUT ADMMIT

- Truck does not have visibility into what is being transported
- Prone to human error
- Frustrated user

5 END USER

MINING PERSONNEL

- Use items for intended purpose
- Request replenishment as necessary

BENEFIT/OUTCOME

- Maintain safety by ensuring correct items
- Replenish items to prevent stock-outs

WITH ADMMIT

- Workers have everything they need to be productive
- Ability to support mobile devices—FBDE®
- Ability to extend ERP functionality to the edge

WITHOUT ADMMIT

- Worker tries to substitute wrong item when correct item is not available, risking injury

4 JOB SITE

WITH ADMMIT

- Ability to enable just-in-time inventory management
- System auto-updates correct item delivered
- Ability to extend ERP functionality to the edge

WITHOUT ADMMIT

- Truck does not have visibility into what is being transported
- Prone to human error
- Frustrated user

MINING PERSONNEL

- Truck delivers items
- System gets updated
- Items get deployed

BENEFIT/OUTCOME

- Ensure truck maintains visibility into what is being transported
- Update ERP system automatically
- Prevent miner frustration

Total Mining Inventory Tracking, Traceability and End-to-End Visibility

ADMMIT (Autonomous Delivery, Material Management and Inventory Technology)

is delivered to global mining companies with underground and surface operations which want to improve inventory management, improve security and safety, increase production output and want dependable, just-in-time, and safe delivery of material to work locations. Often many mining operations lose track of material once it is distributed from the central warehouse creating unaccounted or “shadow” inventories. The mining operations can be interrupted or delayed because the right materials are not available and therefore must be expedited to the work site. Finally, there is significant financial loss when untracked and unused material and inventories are scrapped at the end of the mining operation.

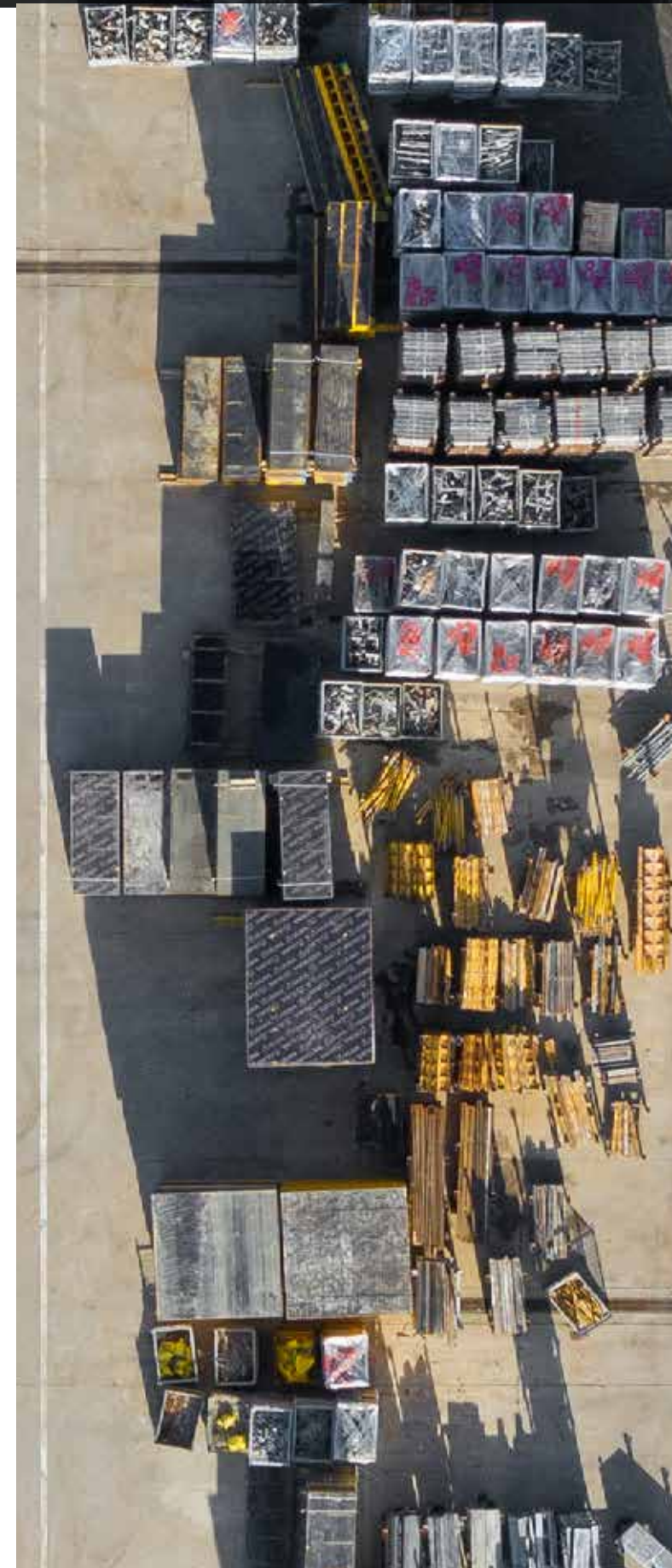
“The ADMMIT platform eliminates material loss, improves accuracy and transparency, transforms mining processes/design...”

The ADMMIT platform eliminates material loss, improves accuracy and transparency, transforms mining processes/design, makes operations more predictable, increases face time and probability of meeting production targets, and increases availability (uptime) with utilization of assets (e.g. machines).

System Description

The ADMMIT platform includes the SmartModule for intelligent tagging, tracking and security, the SmartCube for containerizing the materials that need to be transported to the right location and the ADMMIT software system to manage the entire process and integrate with your ERP system.

“The ADMMIT platform includes the SmartModule for intelligent tagging, tracking and security...”



ADMMIT Benefits:

- Eliminate material loss (4% is typically lost)
- Eliminate unaccounted or “shadow” inventory (typically \$10-20 million per mine)
- Reduce your inventory carrying costs
- Gain visibility to all of your inventory from factory to face
- Improve production output
- Have dependable, just-in-time, safe delivery of material to all work locations, with a 15% productivity improvement
- Secure material loads to prevent injury loading or unloading materials
- Improve accuracy and transparency for all of your production materials
- Transform mining processes/design
- Increase face time and probability of meeting production targets
- Increase availability (uptime) and utilization of assets (e.g. machines)

