



CASE STUDY

# Connected Mines

## “Digitization of Mines”

### India’s Largest Cement Manufacturer



#### MINE PLANNING

Digital Geography || Mine Planning (Monthly, Weekly, Shift) || Drill & Blast LMNoP+

#### FLEET MANAGEMENT

Connected Equipment through IoT || Optimized Fleet Allocation || Equipment Performance Monitoring



#### OPERATION CONTROL

Equipment Live Tracking || Real Time Production Quality and Quantity || Dynamic Fleet Allocation for breakdowns & target changes

#### MINE INSIGHTS

Equipment KPIs & Utilization || Mine & Unit level Roll-up || Adoption & Rol



#### KEY BENEFITS

**15-20%**

Productivity Improvements

**90-95%**

Accuracy in Quality & Quantity Predictions of Ore

**30%**

Improvement in Equipment & Operator Handling

**10%**

Cost Optimization across Mining Operations

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