NIKARAM TECHNOLOGIES

PRODUCT OVERVIEW

Blue Metal & Crusher Management

Complete business management software for blue metal crusher plants, quarries and stone transport operations.

An integrated Windows desktop application covering the full operational cycle of a blue metal crusher or quarry business — weighbridge token entry, crusher production, stock, accounts, payroll and vehicle maintenance — all in a single SQL Server database with role-based user access and daily backup. Developed and supported by **Nikaram Technologies**.

MODULES

01 ·

Billing & Accounts

Full double-entry ledger system with GST-ready vouchers and financial reports.

- Ledger and Ledger Group creation
- Journal / account voucher entry
- Day Book — daily transaction log
- Outstanding receivables & payables report
- Ledger statement and transaction history
- GST billing and GST invoice support
- Denomination (cash drawer) tracking
- Audit edit-history report for all vouchers

02 ·

Sales & Purchase

Token-based weighbridge sales, purchase bills and GST invoicing in one screen.

- Token IN / Token OUT / New token entry
- Live USB weight scale integration
- Sales bill with qty, tonnage, rate & GST
- Sales orders and proforma invoices
- Purchase bills and purchase returns
- Customer (party) ledger auto-linking
- Sales and purchase reports with print
- Token edit-history audit report

03 ·

Stock Management

Item and spare-parts inventory across multiple warehouses and rack locations.

- Item and Item Group master
- Warehouse and rack location management
- Unit of measurement master
- Product category classification
- Spare parts list maintenance
- Current stock report

04 ·

Plant & Equipment Maintenance

Track crusher plant production, spares consumption and machine-wise service history.

- Crusher plant registration and profile
- Crusher spares and fitting consumption log
- Machine and machine type master
- Grade-wise production entry per crusher
- Crusher production report with print
- Crusher spare fitting type classification

05 ·

Vehicle & Transport Maintenance

End-to-end tracking for owned and hired transport vehicles — tyres, fuel, insurance and loans.

- Vehicle and vehicle type registration
- Tyre usage, size, position and rebelt log
- Fuel and lubricant consumption entry
- Vehicle expense and rent recording
- Insurance tracking with renewal reminders
- Vehicle loan and EMI schedule management
- KM / tyre report and vehicle summary report

06 ·

Expense Management

Capture all operational outgoings — vehicles, plant spares, labour and general expenses.

- Vehicle expense entry and report
- Crusher spare and fitting expense log
- Labour charges configuration
- General expenses via accounts vouchers
- Vehicle expense summary report

07 ·

Staff Management

Daily attendance, salary processing and staff records — all linked to the accounts ledger.

- Staff registration linked to accounts ledger
- Daily attendance entry with staff groups
- Monthly salary payment processing
- Salary advance payment entry
- Attendance and staff summary reports
- Salary payment report with print
- Staff remarks and job card entry and report

08 ·

Reports & Dashboard

Live status panel and printable reports covering every module in the system.

- Live dashboard — today's tokens, bills, sales and cash
- Day Book, Outstanding and Ledger reports
- Sales, purchase and stock reports
- Vehicle summary and expense reports
- Tyre KM and tyre status reports
- Staff attendance and salary reports
- Crusher production report
- Audit edit-history reports (tokens, sales, accounts)

Platform Features

MULTI-COMPANY

Manage multiple crusher companies in a single installation. Switch between companies from the menu without restarting the application.

USER ACCESS CONTROL

Assign module-level and action-level permissions (alter / delete) per user login. Administrators control full access across all modules.

WEIGHT SCALE INTEGRATION

Reads directly from USB or COM port weighbridges. Auto-captures weight into token entry — eliminates manual keying and errors.

AUTOMATIC REMINDERS

Built-in alerts for insurance renewals and general reminders. Highlights appear automatically at login so nothing is missed.

BACKUP & RESTORE

One-click database backup to any folder. Restore from backup on demand. Optional auto-backup prompt on application exit.

SMS INTEGRATION

Configure SMS gateway to send transaction alerts and payment notifications to customers and staff directly from the software.

TECHNICAL SPECIFICATIONS

ITEM	DETAILS
Platform	Windows Desktop Application — .NET / Visual Basic
Database	Microsoft SQL Server (local installation or network server)
Operating System	Windows 10 / Windows 11 (32-bit or 64-bit)
Recommended Hardware	PC or Laptop — minimum 4 GB RAM, 50 GB free disk space
Weight Scale	USB or COM serial port; baud rate and read timing are configurable
Printer Support	Any Windows-compatible printer; print settings configurable per bill type
Multi-user / Network	Supported over LAN — each workstation connects to a central SQL Server
Data Security	User-level login with password, role-based permission table, backup encryption

SOFTWARE COST & SUPPORT

LICENSING ·

Software Cost

One-time licence fee — pricing varies based on number of nodes (workstations) and edition selected.

- Cost varies based on the **number of nodes** (workstations / users)
- Full Edition — all modules including vehicle & crusher maintenance
- Fast Edition — billing and accounts core modules only
- Single-company and multi-company licences available
- Any customisation or additional feature development will be charged **separately** based on scope
- Contact us for a tailored quote based on your node count and requirements

AFTER SALES ·

Installation & Support

Full setup handled end-to-end with one year of free service included from the date of installation.

- On-site or remote installation and SQL Server database setup
- Weight scale configuration and live testing
- User training — data entry, reports and daily operations
- **1 year free service** included from date of installation (bug fixes, updates, support calls)
- After 1 year — **Annual Maintenance Contract (AMC) is required** to continue receiving service and software updates
- AMC fee varies based on number of nodes; contact us for AMC pricing
- Support via phone, WhatsApp and remote-desktop during AMC period

NOTE

Software cost and AMC pricing may vary based on the **number of nodes** (workstations) at your site. Any **customisation** required beyond the standard feature set will be scoped and quoted separately. The first year of service is **complimentary**. AMC renewal is required after that to continue support and receive updates. All pricing is provided on request — **Nikaram Technologies**.