

JVSOLINDIA INC



Foundry DASHBOARD Mobile Application

Industrial Sand Processing & Quality Control

Dual PLC Integration with MySQL Database

Cooler PLC

Mixer PLC

MySQL Database

Foundry Mobile Application

- Mobile access to foundry production information
- Centralized dashboards and reports
- Designed for engineers, supervisors, and management



System Overview

- Unified Mobile Access Platform
 - Acts as a bridge between users and foundry systems
 - Displays live data, reports, and charts
 - Ensures consistent access across devices

Key Capabilities

- Enterprise-Grade Foundry Application
 - Dashboard viewing and report analysis
 - Secure document downloads
 - Smooth navigation between sections

Data Visualization

- Clear & Actionable Insights
 - Graphical trend analysis
 - Tabular production data
 - Quick identification of performance variations



Document Management

- Report Export & Storage
 - Download reports for offline reference
 - Automatic file organization
 - Clear download confirmations

Application Screen Overview



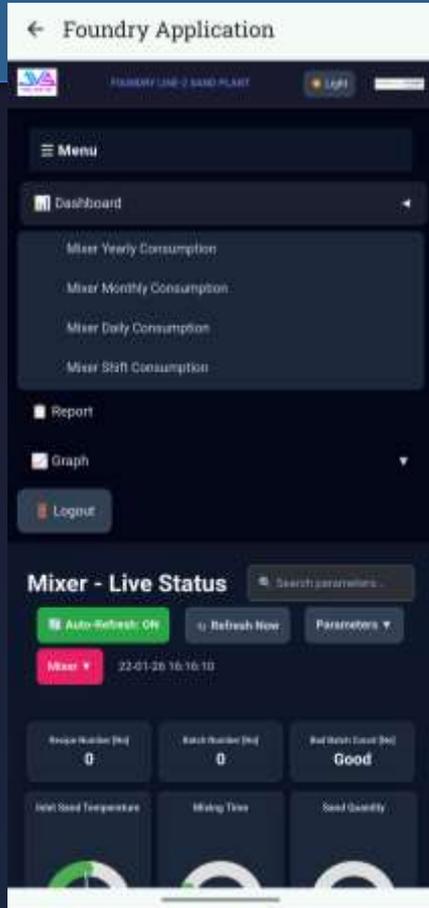
Production Dashboard View

Displays overall production status

Quick navigation to reports and charts

Provides high-level operational visibility

Application Screen Overview



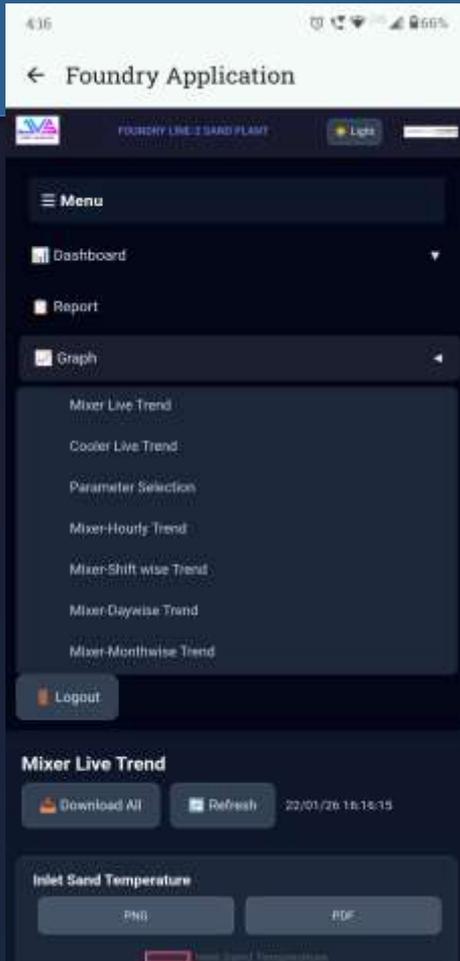
Report Data Screen

Shows detailed production parameters

Tabular format for easy review

Supports scrolling for large datasets

Application Screen Overview



Graph & Trend Analysis

Visual representation of production trends

Helps identify variations and patterns

Supports performance comparison

Application Screen Overview



Detailed Report View

Focused view of selected data records
Supports analysis of individual parameters
Improves decision-making accuracy

Application Screen Overview



Download & Export Screen

Allows users to export reports

Ensures files are saved correctly

Supports offline access to documents

Application Screen Overview



Download Confirmation

Notifies successful report download

Ensures user confidence in file storage

Provides quick feedback

Benefits & Applications

- Why This Application Is Useful
 - Improves accessibility to foundry data
 - Reduces dependency on desktop systems
 - Supports faster operational decisions

Conclusion

- Reliable & User-Friendly Foundry Solution
 - Enhances visibility of production data
 - Simplifies report access and storage
 - Designed for industrial usability

Screen shots

← Foundry Application

Menu

Selection
Mixer

Shift
Shift A (06:00-14:00)

Date Range
22/12/2025
to
24/12/2025

Submit

Excel
CSV
PDF

← Foundry Application

Shift A (06:00-14:00)

Date Range
22/12/2025
to
24/12/2025

Submit

Excel
CSV
PDF

Mixer Report

ID	Date	Time	Shift	Recipe Number	Batch Number	Yield
0	22/12/2025	10:56:44	A	0	0	45
0	23/12/2025	10:56:14	A	0	0	44
0	26/12/2025	10:56:44	A	0	0	44
0	23/12/2025	12:55:18	A	0	0	45
0	23/12/2025	12:54:44	A	0	0	45
0	23/12/2025	10:54:18	A	0	0	43
0	25/12/2025	10:55:44	A	0	0	45



Foundry Dashboard Mobile Application

← Foundry Application

Menu

Parameter Selection - Trend

Select Mixer/Cooler

Mixer

Parameter Name

Inlet Sand Temperature

Date Range

22/12/2025

to

22/12/2025

Time Range

10:00 am

to

4:00 pm

Submit

← Foundry Application

Inlet Sand Temperature

Date Range

22/12/2025

to

22/12/2025

Time Range

10:00 am

to

11:00 pm

Submit

MIXER - Inlet Sand Temperature Trend

From 2025-12-22 10:00 To 2025-12-22 11:00

Inlet Sand Temperature

THANKYOU

Contact Us

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COMPANY NAME

