Enterprise Asset Management

Business Challenge

Chettinad Cements a leading manufacturer of cement in India wanted to increase its asset reliability and reduce down-time by employing output based maintenance (OBM) strategy. The company wanted to standardize functional coverage across sites, maintain uptime and reliability of machines or equipment's in its manufacturing plants.

Technology Solution

Built entirely on a Java™2 component–based Internet architecture, 'inCiseEAM integrates more easily into most existing business systems. Our Solution includes output based maintenance measures (e.g. product quality characteristics) as the monitoring parameter to derive indicative failure time of the machines to carry out more realistic process of maintenance in decision making. The Solution Included Embedded Total Productive Maintenance (TPM), event alerts, notification and mobility suite.

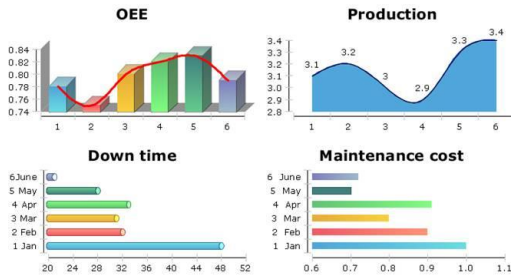
Technology Used

Java, J2EE, Oracle Database, BIRT Reporting tool, Hibernate ORM

Overall Benefits

- Extended asset hierarchy definition and data capture
- Innovative equipment monitoring
- SCADA data integration. Link real-time process data with your maintenance management system, enabling automatic work-order generation based on real-time equipment condition
- Manufacturing intelligence solutions

Sample Screenshot



Solution Highlights

- Increase in asset life and reliability
- Prevent and predict equipment failures
- Improve labor productivity
- Reduce costly equipment downtimes
- Lower the total cost of maintenance

Offering

- Enterprise Asset Management

Domain

- Manufacturing

Client

- Chettinad Cements

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