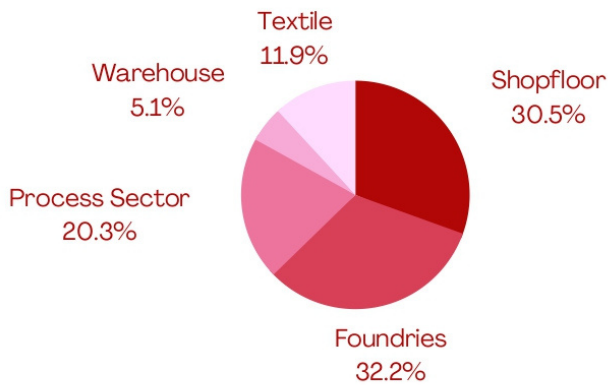


# DYNA4CAST REPORT

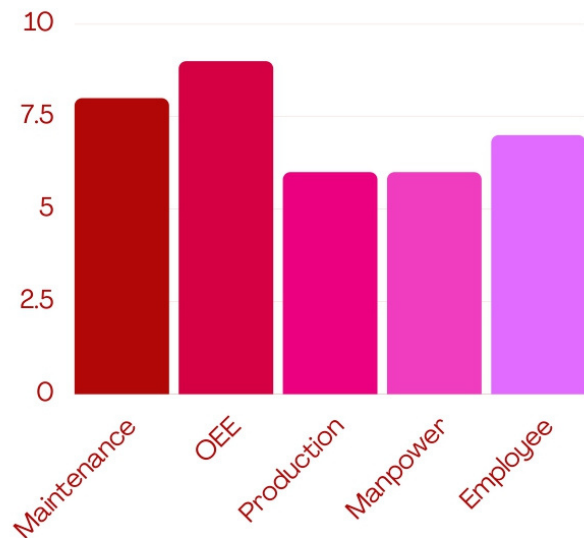
## Dyna4cast Technologies Pvt Ltd. Outcomes from the multiple clients and proven KPI's

### INVOLVEMENT & KPI FROM VARIOUS INDUSTRIES

Industries and their priorities on implementing KPI

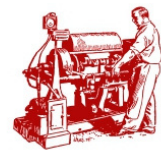
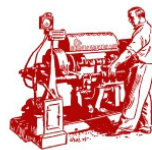
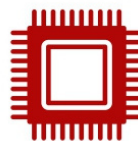
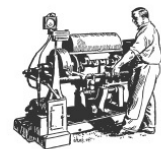
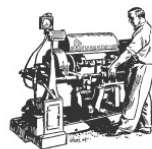


Industrial Involvement



# 30%

## REDUCTION RATE IN MANPOWER

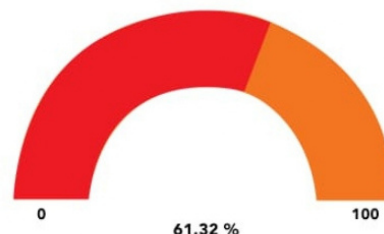


### ORIGINAL EQUIPMENT EFFICIENCY

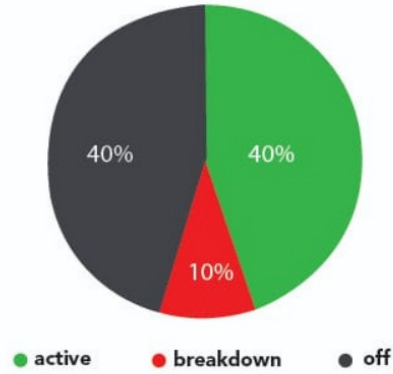
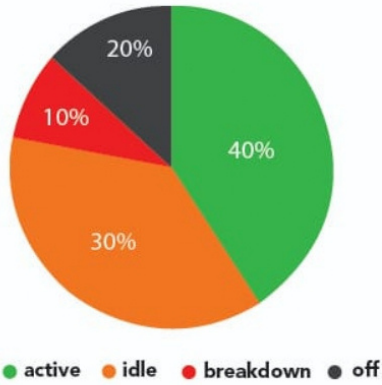
#### OEE Details

Avalability	-1917.2410840108
Performance	-0.00037316494020399
Quality	-0.85714285714286
Good Count	42
Total Count	49
Ideal Cycle Time	52800
Run Time	-141492392
Planned Production Time	-73800
Breakdown Time	-141566192

#### OEE Index



21% increase in machine level OEE rating



Machine Run-Time & Maintenance breakdown brings downtime from 13mins to 9mins / shift

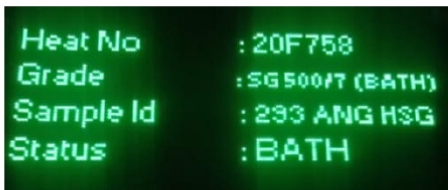


## PRODUCT PORTFOLIO

Real Time example from production floor

### CUSTOMER SATISFACTION

Industries and their bottleneck solving techniques in Foundry



## ANDON MONITORING

Real Time Production Monitoring System

- NON-DEPENDENCY OF SKILLED METALLURGY EXPERT
- RAW MATERIAL CONSUMPTION RATE
- REDUCTION IN QUALITY CHECK ITERATION OF MATERIAL
- SPECTRO MEAN VALUE TO WEIGHT (KGS) RATIO IN DISPLAY



## FURNACE INTERLOCKING

Automatic furnace interlocking system for melting

- FURNACE INTERLOCK ABOVE 90-DEGREE RADIUS
- CONTINUOUS ANALYSIS OF MULTIPLE SPECTRO INTEGRATION
- LONG RANGE CONTROL OF FURNACE UPTO 1.5 KMS



## **DYNA IOT WEIGH SCALE**

*IoT based weighing scale to monitor raw material consumption*

- **ACCOUNTABILITY OF RAW MATERIAL CONSUMPTION**
- **CUSTOMIZED HMI FOR PRIMARY AND SECONDARY MATERIALS TRACKING**
- **DECENTRALISED WEIGHING SCALE INTEGRATION ACROSS VARIOUS PLANTS**

### **Other Features:**

- Real-Time ERP Integration
- Raw Materials and Consumables tracking of Foundries
- Automated Test Certificate Generation for Work Order
- Complete Analysis of consumed raw material and purchase data from ERP
- ERP Integration from Dyna Assist Solution

### **Our Happy Customers**

CRI Foundry  
SACL (Sakthi Auto Components Limited)  
Veesaa Foundry  
Bharani Ferrocast  
Amigo Casting  
Prema Foundry  
Nirmal Pumps

For Enquiry  
[pranesh.m@dyna4cast.com](mailto:pranesh.m@dyna4cast.com), [shastha@dyna4cast.com](mailto:shastha@dyna4cast.com)

