STACKEX SOLUTIONS

MyMachine™

Monitor & Manage your shop floor with IoT enabled MyMachine system from wherever you are and maximize utilization and productivity.

TABLE OF CONTENT

ABOUT US

Expertise
30+ Years CNC indusrty
12+ Years automation and IT industry

What we do:
Shop floor solutions
We Integrate IoT enabled monitoring system MyMachine™ to CNC machines to manage and monitor real time productions, rejection count, Machine ON/OFF status /Machine Idle time/ Target statics / OEE reports/ Operator performance remotely on Android / IOS /Mobile / Laptop etc..

Automated daily, Monthly, Yearly reports. Eliminates paper works for operator's , middle management , management.

PRODUCT

MYMACHINE INTEGRATOR

A powerful cutting edge technology hardware captures accurate production data from machines and sync with cloud on real time.

7"INCH OPERATOR PANEL

Touch screen, Operator login panel installed on machines gives operator an insight of his/her own performance and target statics against pre defined target on integrator.

ANDON REMOTE MONITORING APP

Cloud / on premises based app for monitoring the complete live shop floor data on mobile (android / iOS) Laptop / from wherever you are!

PRDUCTION REPORTS

Automated production , Rejection count with reason, OEE , Staff attendance shift wise , machine and operator performance, Idle time tracker and Custom reports as per your needs.
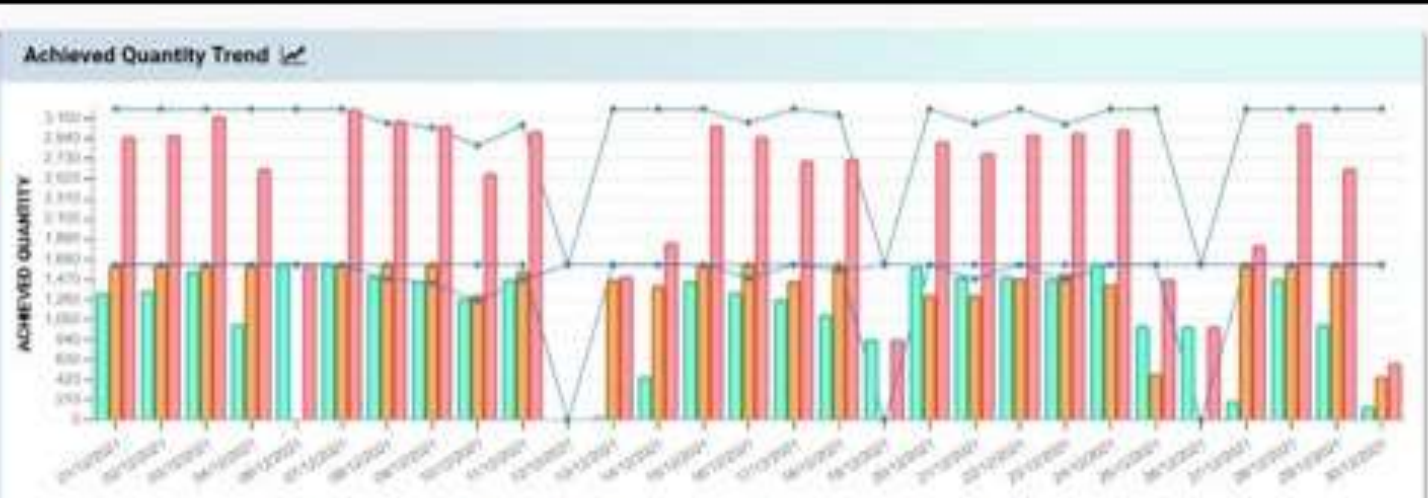
SHOP FLOOR SOLUTIONS

CLOUD

Andon App

12:39 PM

DISTINCT PRODUCTIVITY SOLUTIONS

BEARING BUSH MACHINE STATUS

Dash Board   Analytics

Achieved Quantity Trend

Idle time & Rej. Screen

DISTINCT PRODUCTIVITY SOLUTIONS   NARAYANA

MACHINE DOWNTIME REASON

NO LOAD [CODE 100]	START	0	Min	UNDER MAINTAINANCE [CODE 106]	START	0	Min
NO OPERATOR [CODE 101]	START	6	Min	WASHROOM/WATER [CODE 107]	START	20	Min
NO TOOL [CODE 102]	START	0	Min	BREAKFAST/SNACKS [CODE 108]	START	20	Min
NO POWER [CODE 103]	START	0	Min	LUNCH/DINNER BREAK [CODE 109]	START	30	Min
TOOL CHANGE				TEA BREAK		20	

Operator Panel

Distinct Productivity Solutions

NARAYANA

MY MACHINE

IDLE TIME	COMPONENT NAME	REX_BB
REJECTION	PART TYPE	203OP130
TAG_TRAY	OPERATOR NAME	SANTHOSH DPS299
	CYCLE TIME	26 Sec
OEE	TARGET PER SHIFT	1500

INSTRUCTIONS

S1 S2

CUMULATIVE COUNT @ 05:16   1500

Table 1. Increase in production due to implementation of automatic report generation.

Description	Values
Time saved per shift by elimination of writing of the physical report	30 min
Number of shifts per day	2
Time saved per day	60 min
Number of working days in a month	25
Time saved per month	1500 min
Cycle time per component/part	0.48 min
Total number of extra parts produced per month	3103 Parts
OEE applied	85%
Actual increase in production per months	2638 Parts
Current production rate per day	2979 Parts
Total number of parts produced per month	74,483 Parts
Total number of parts produced after OEE	63,310 Parts
Percentage increase in production due to automatic report generation.	4.17%

Table 2. Increase in production due to accuracy in the idle time computation.

Description	Values
Time saved per shift by system integration of idle time tracking	20 min
Number of shifts per day	2
Time saved per day	40 min
Number of working days in a month	25
Time saved per month	1000 min
Cycle time per component/part	0.48 min
Total number of extra parts produced per month	2069 Parts
OEE applied	85%
Actual increase in production per months	1759 Parts
Current production rate per day	2979 Parts
Total number of parts produced per month	74,483 Parts
Total number of parts produced after OEE	63,310 Parts
Percentage increase in production due to accuracy in the idle time computation	2.78%

METRIC STUDIED PER MACHINE BASIS

Table 4. Increase in production due to the prompt attending to of the issues.

Description	Values
Time saved in a month	28 h
Cycle Time per component	0.48 min
Total number of extra parts produced per month	3476 Parts
OEE applied	85%
Actual increase in production per month	2954 Parts
Current production rate per day	2700 Parts
Total number of parts produced per month	67,500 Parts
Total Number of parts produced after OEE	57,375 Parts
Percentage increase in production due to the prompt attending to of the issues	5.15%

CONCLUSION

- OVERALL IMPROVEMENT OF ABOUT 12% IN OEE
- ROI IN 6 TO 8 MONTHS
- HIGHER THE CAPEX VALUE FASTER THE RETURNS

DPS
A48, KSSIDC INDUSTRIAL ESTATE,
KUMBALAGODU, MYSORE ROAD,
BANGALORE, KARNATAKA - 560074
WWW.DISTINCT.IN

METRIC STUDIED PER MACHINE BASIS

HOW MYMACHINE BENEFITS TO INDUSTRY

★ **Increased productivity and performance**

★ **Shop floor can be well managed & monitored remotely**

★ **Multiple location management made easy**

★ **Effortless audit readiness**

★ **Traceability of production lot**

★ **Proven 6 - 8 months ROI and Increased productivity**

Industry 4.0 initiative

FEATURES

DISTINCT PRODUCTIVITY SOLUTIONS

SHIFT2 REPORT
PRODUCTION DATA OP110 AND OP130

MACHINE NAME	TARGET	SHIFT 1	SHIFT 2	DAY	%
LAKSHMI	1125	1050	1125	2175	96
GOWRI	1125	1055	1125	2180	96
DURGA	1125	18	1126	1144	50
TUNGA	1125	1050	1125	2175	96
KAVERI	658	169	610	779	59
BHADRA	1125	1000	1125	2125	94
HARI	1125	520	1125	1645	73
HARA	1125	37	1125	1162	51
MADHAVA	627	551	520	1071	85
KESHAVA	843	843	451	1294	76
GOVINDA	794	760	795	1555	97
CHATURBHUJA	1741	1496	1044	2540	72
NARASIMHA	1125	361	1000	1361	60
NARAYANA	1125	900	986	1886	83
ANIRUDHA	1125	1001	1000	2001	88
ACHUTHA	1125	450	1000	1450	64
PURUSHOTHAMA	794	650	795	1445	90

PRODUCTION DATA OP140-150

MACHINE NAME	TARGET	SHIFT 1	SHIFT 2	DAY	%
ROBODRILL	1213	1164	1216	2380	98
SHARVA	1333	1284	1336	2620	98
VAMANA	1080	0	0	0	0
HAYAGREEVA	1255	1212	1256	2468	98
RAMA	108	166	0	166	76
LAKSHMANA	1186	1140	1192	2332	98
HRISHIKESHA	864	808	816	1624	93
TOTAL		5774	5816	11590	80

REJECTION DATA OP140-150

MACHINE NAME	SHIFT 1	SHIFT 2	DAY	%
ROBODRILL	0	0	0	0
SHARVA	0	7	7	0
VAMANA	0	0	0	0
HAYAGREEVA	10	0	10	0
RAMA	0	0	0	0
LAKSHMANA	25	20	45	1

EACH MACHINE DATA CAN BE SEEN / ACCESSED BY MANAGEMENT REAL TIME.

OEE DATA CALCULATED, PRESENTED, STORED FOR MANAGEMENT ON DAILY/MONTHLY/ YEARLY BASIS.

E-MAIL REPORTS ON DAILY PRODUCTION / REJECTION / IDLE TIME ON PERIODIC BASIS.

QUICK MANAGEMENT ACTIONS AS THE ANALYTICS SHOW TOP LOSSES , TOP REJECTIONS , ACHIEVERS , NON ACHIEVERS IN REAL TIME

OPERATORS / MIDDLE MANAGEMENT CAN BE MADE MORE ACCOUNTABLE.

ELECTRONIC ANDON FOR THE ENTIRE SHOP FLOOR

OUR OTHER PRODUCTS

Products

POINT OF SALE
Self Service, Retail, Dine In, Take-away, Home Delivery,
Advance orders, KDS, CRM, Paperless/WhatsApp Notifications

TOPS
TeCounter Online Platform Solutions
(Customer/Admin/Restourant/Delivery App)

MPOS/WEB POS
Web based POS
(Use in any device, desktop, android, iOS)

AGGREGATORS
Aggregator integrations,
Auto order processing, Auditing

TeCounter

DIRECTORS APP
Live Statistics, Analytics, Theft Control,
Trend Analysis, Dashboard, Reports

CRM
Centralized CRM - Loyalty management,
Feedback/Reservation module, Promotion

DIGITAL MENU
QR Scan, Order from customer mobile,
POS Integration

Central warehouse/kitchen inventory, Production and
Distribution management, Issue/Recipe based food costing

INVENTORY

MAJOR INDUSTRYS WE SERVE

- **Multi chain restaurants**
- **Convenience Stores**
- **Mini Marts**
- **Chain super markets**
- **Water parks / theme parks**
- **Out door events ticketing**
- **Resto Bar**
- **Café**
- **Bakeshop**
- **Manufacturing**
- **And more.......**

CONTACT US FOR DEMO

StackEx solutions
No.B-414, CVRaman Road
Kengeri, Bangalore -560060

+91 9482600967 / +91 8548855666

+91 9482600967 / +91 8548855666

stackexsolutions@gmail.com

THANK YOU