

Production Data Analysis and Reporting System

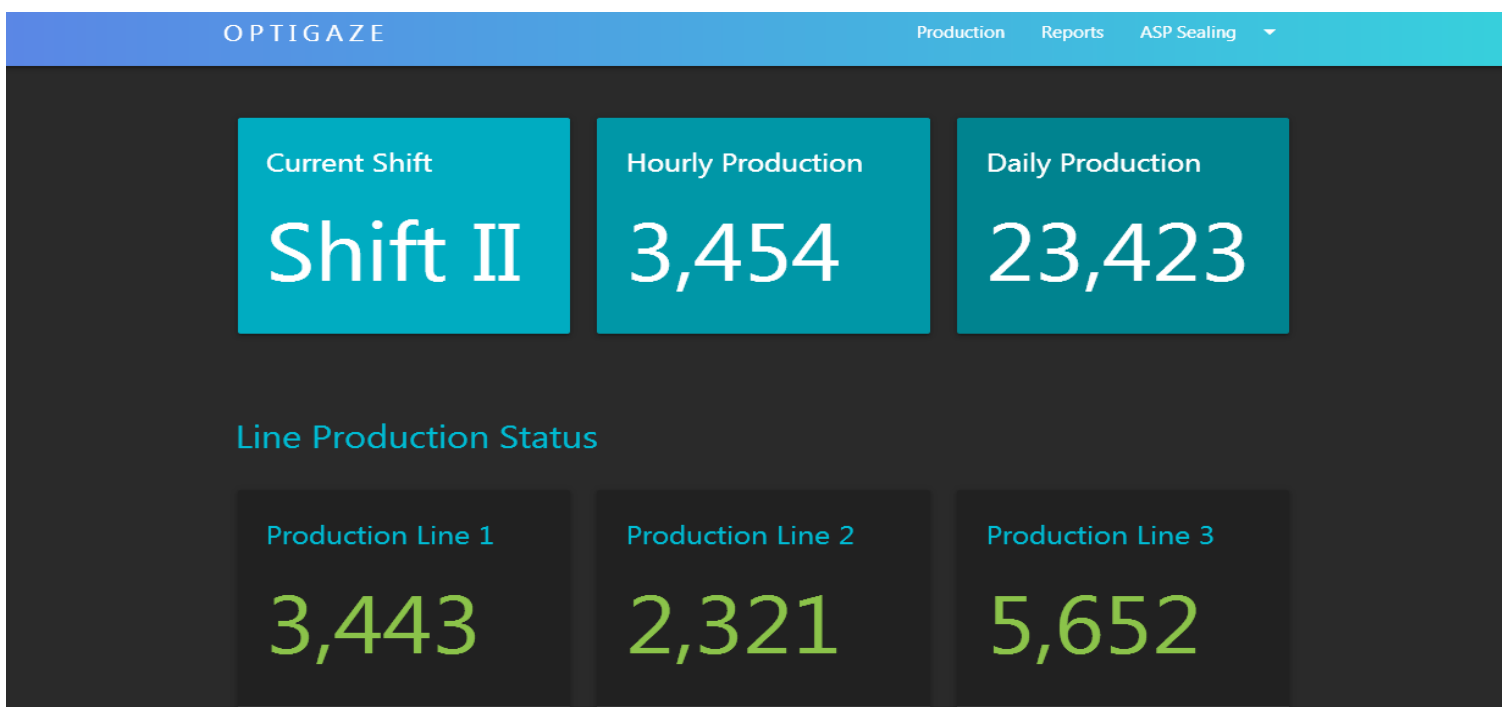
Production data analysis and reporting system, manufactured by GP Systems is designed to record the overall performance of the production line in real time without any manual intervention. Reports are generated as per required user format, SMS alarm are generated in case of any breakdown, data is uploaded on web portal and not only this web application also keeps record of data of few months.

Salient Features:

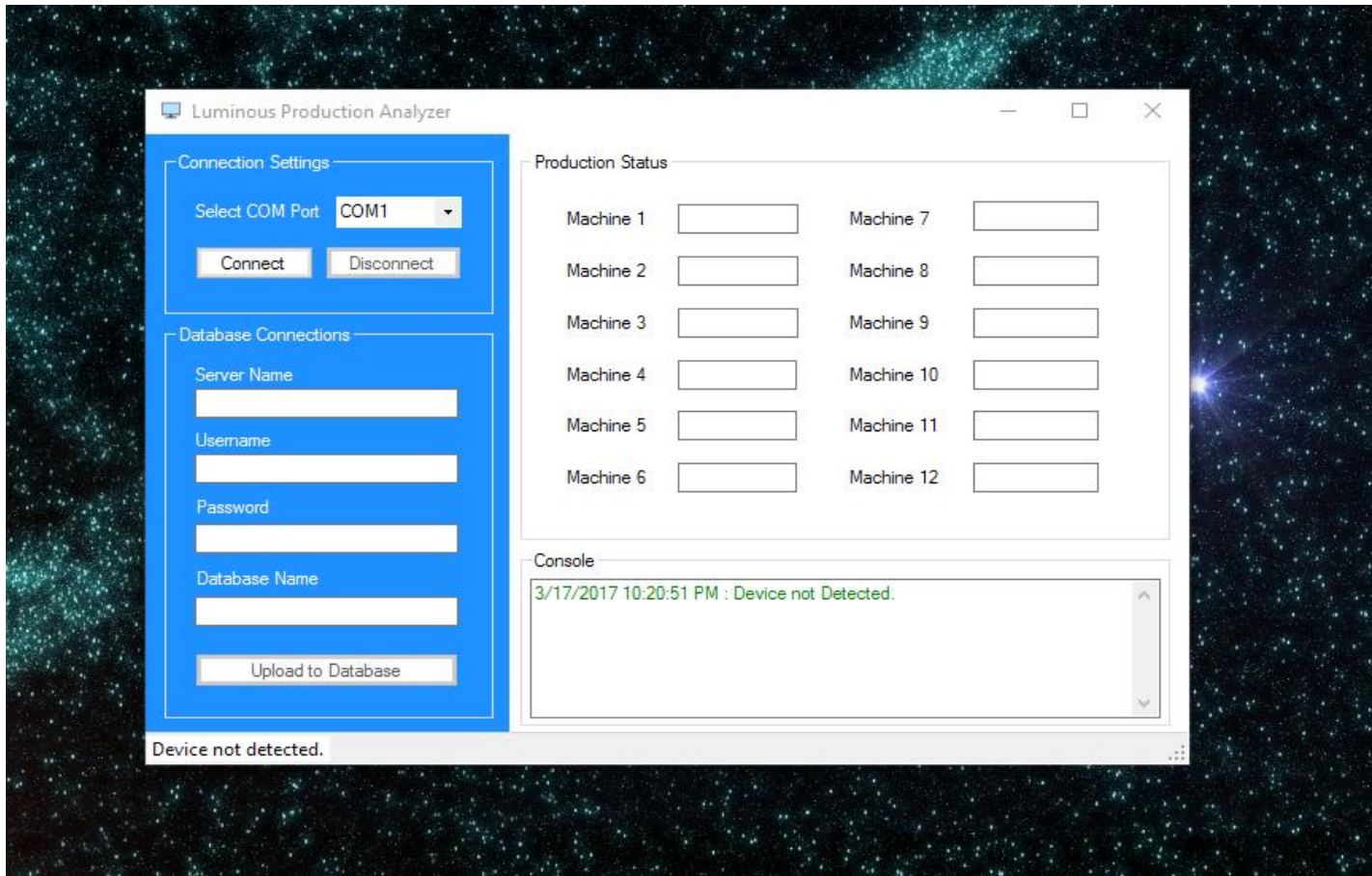
- Display current production status
- Record the number of units produced
- Transfers production data on cloud
- SMS alert generation in case of breakdown in machine
- The data can be used to analyze productivity of the operator or machine.
- Can calculate plant efficiency.
- Export data to csv, txt and pdf formats
- Report generation module to generate hourly,daily, weekly, monthly analysis of machine/ operator efficiency and production
- Graphical data display
- Live data display on web (optional)
- Can be customized as per users requirement

Screenshots:

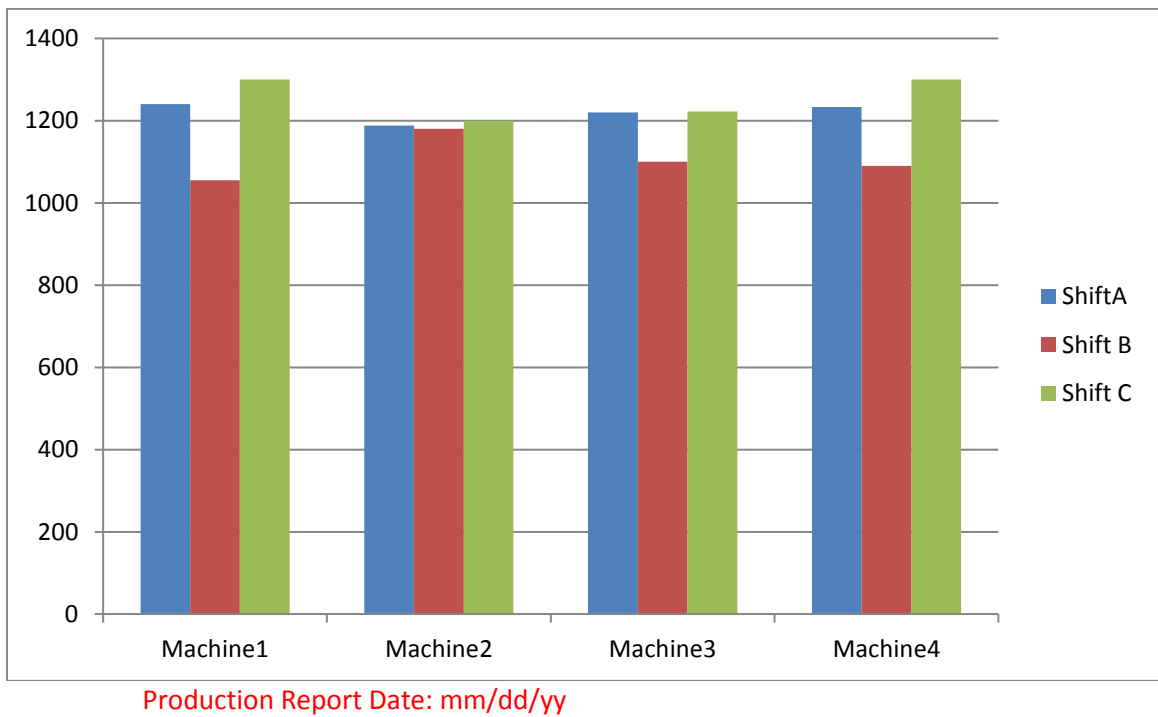
(i) Online real time monitoring of production data



(ii) Offline data storage in existing user database



(iii)Graphical report generation of various machine and shifts:



(iv)Online report generation and efficiency calculation of machines :

1	Date	12/4/2019	Speed	3000	Job Name	Pernod Ricard
2	MACHINE NO. 2					
3	Time	Hotend Reading	Coldend Reading	Total Losses	Efficiency	Remarks
4	Shift A					
5	9:00 AM	12652	12000	652	95%	
6	10:00 AM	10012	9889	123	99%	
7	11:00 AM	13876	12000	1876	86%	
8	12:00 PM	11234	11123	111	99%	
9	1:00 PM	12987	12003	984	92%	
10	2:00 PM	10090	9795	295	97%	
11	3:00 PM	13050	11049	2001	85%	
12	4:00 PM	12056	11456	600	95%	
13	Total of Shift	95957	89315	6642	94%	

(v) Production time for every piece produced :

File1

M.No	TM1	TM2	TM3	TM4	TM5	TM6	TM7	TM8	-----	TM14
1	5 :00	5:00	5:00	5:00	5:00	5:00	5:00	5:00		5:00
2	5:00	5:00	5:00	2:00	5:00	5:00	5:00	5:00		5:00
3	5:00	5:00	5:00	2:00	5:00	5:00	5:00	5:00		5:00
4	5:00	5:00	5:00	2:00	5:00	5:00	5:00	5:00		5:00
5	5:00	5:00	5:00	2:00	5:00	5:00	5:00	5:00		5:00
6	5:00	5:00	5:00	2:00	5:00	5:00	5:00	5:00		5:00
7	5:00	5:00	5:00	5:00	5:00	5:00	5:00	5:00		5:00
8	5:00	5:00	5:00	5:00	5:00	5:00	5:00	5:00		5:00

In the above excel file M.NO represents mould number produced from the beginning of the day, TM1, TM2...TM14 represent press numbers.

These are a few reporting formats . However the report can be generated as per your requirement.

Manufactured by:
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