



Tracking Labor in Real Time

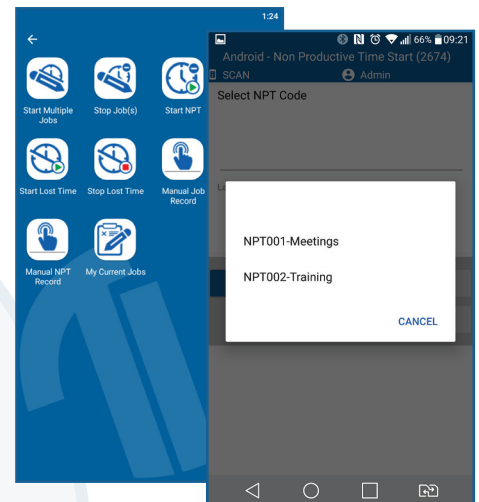
Tracking Labor using EazyScan & EazyTouch

Tracking labor in real time is a key component of a successful management and control process on the factory floor. Accurate data provides visibility of operation progress, a base from which to develop accurate future schedules as well as an information store about operational activities.

Data logging

Traditionally, labor has been tracked after the event with users logging how much time they spent on certain tasks. TransLution offers a labor tracking module that goes beyond this process to track labor in real time. As factory operators begin work on a job they scan the job card and their user ID to tell the system that they are at work and what they are working on. This means that at any point in time, the status of workers on the floor is visible to management telling them where they are, what they are working on and how long they have been at work. Both productive and non-productive time can be logged this way and there is also the option to post this data to the ERP software which ensures the creation of accurate schedules.

The TransLution Labor Tracking module allows us to log various types of job related data by simply clicking on the appropriate button to start work, stop work, start setup etc. A key benefit is that the Labor Tracking module fully accounts for fixed breaks during the day such as lunchtime or tea breaks. If a user logs time from 8am to 5pm, the time posted to the job will account for fixed breaks during the day. The system can even be set up not to require a user to specifically stop work but to stop work automatically at the end of the day.



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Labor Tracking Processes

Data Reporting

In addition to the standard reports, more advanced performance reporting can be obtained using tools such as Microsoft Reporting Services or Crystal Reports. There is the ability to review historical daily transactions which converts the data to a visual format making it easier for the administrator to spot potential errors.

Results							
Select	Employee	Job	Operation	Start Time	End Time	Duration	
<input checked="" type="checkbox"/>	10150	000000000999141	2	5/21/2018 2:20:53 AM	5/21/2018 3:02:19 AM	0.7	
<input type="checkbox"/>	10150	000000000999141	2	5/21/2018 3:17:38 AM	5/21/2018 4:07:47 AM	0.833333	
<input type="checkbox"/>	10150	000000000999139	1	6/5/2018 8:26:54 AM	6/5/2018 9:20:27 AM	0.9	

Employee	First Name	Surname	Job Title	Total Time	Status
10004	John	Wells		0.866666	10
10179	Guille	Roque	Plant Operator	4.449998	10
10150	Craig	Smith	Senior Plant Operator	2.549999	10
10273	Samuel	Hardy	Operator	151.016662	10

Select	Job Number	Operation	WC Desc	Duration	Qty Completed	Qty Scrapped
<input type="checkbox"/>	000000000999142	2	Component Sewing	1.35	3	0
<input type="checkbox"/>	000000000999142	2	Component Sewing	2.316666	2	1
<input type="checkbox"/>	000000000999142	2	Utility Assembly	2.316666	2	1
<input type="checkbox"/>	000000000999142	1	Cutting	0.016666	2	1
<input type="checkbox"/>	000000000999142	2	Utility Assembly	1.166666	0	0
<input type="checkbox"/>	000000000999142	1	Utility Assembly	2.333333	3	0
<input type="checkbox"/>	000000000999142	1	Component Sewing	0.033333	5	1

It is impossible to have proper control of operator activity without tracking labor directly from the shop floor.

Job Number	Job Description	Priority	Stock Code	Qty To Make
000000000999139	11-1-7413 1526 SET-1/156 SET-2	50	148996/148997	1682.000000
000000000999141	11-1-7413 1606 SET-1/ 2512 SET	50	148996/148997	4118.000000
000000000999142	CONTROL LINE REWORK	50	148997	222.000000

Select	Operation	Work Centre	WC Desc	Staff Member	Duration	Qty Completed	Qty Scrapped
<input type="checkbox"/>	2	731002	Cutting	Roque, Guille	0.866666	0	0
<input type="checkbox"/>	2	731005	Utility Assembly	Smith, Craig	2.333333	0	0
<input type="checkbox"/>	2	731005	Utility Assembly	Hadley, Samuel	0.516666	3	1

Tracking labor in real time provides the foundation for extended business management functions like planning, scheduling and billing.

Benefits:

- Significantly reduced office administration workload, as activity recording is performed by the operator directly into the system
- The elimination of errors as validation occurs at the time of capturing
- Accurate invoicing when based on recorded time, as all captured time can be made available almost immediately for invoicing purposes
- More accurate Financial reporting as WIP status is more accurate
- Greater labor productivity as a result of line staff being conscious of the need to record daily activities
- Improved insight into work stoppages and their causes as a result of analyzing the transaction history
- Increased insight into resource utilization and staff activities
- Reduced factory paperwork
- Alignment of production schedules to reflect actual activities
- ERP Integration

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