



Tracking & improving operations in real time

Visualizing Data in Real Time to Improve Operations

For warehouse and operations managers, tracking data and simplifying processes are the first steps in achieving operational efficiency. To ensure customer satisfaction, reduce costs, and move towards true operational excellence, managers need to be able to identify bottlenecks and problem areas, allowing them to effectively resolve issues and continuously improve operations.

TransLution Data

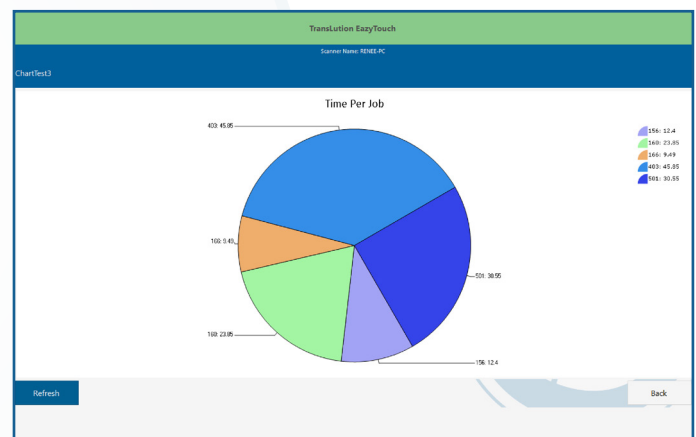
TransLution Software stores operational detail that is not available elsewhere. The TransLution advantage is in the scope of data stored. For example, TransLution knows which worker packed which cartons, put away which products, and worked on which production jobs. The data is recorded by date, time, worker, and location, and with the relevant details related to the task at hand as a function of the various operational tasks.

Identifying Key Performance Indicators (KPIs) allow warehouse managers to analyze specific tasks and reveal the effectiveness of a process, team or person by comparing recent results to historical performance benchmarks. TransLution also provides workers and management a real-time view of what is happening on the floor “right now”, such as orders shipped today versus orders remaining, or production completed versus planned and remaining.

TransLution Visualization

This deep level of information made available by the TransLution visualization tool, provides a platform for users to configure multiple charts to view and analyze operational performance.

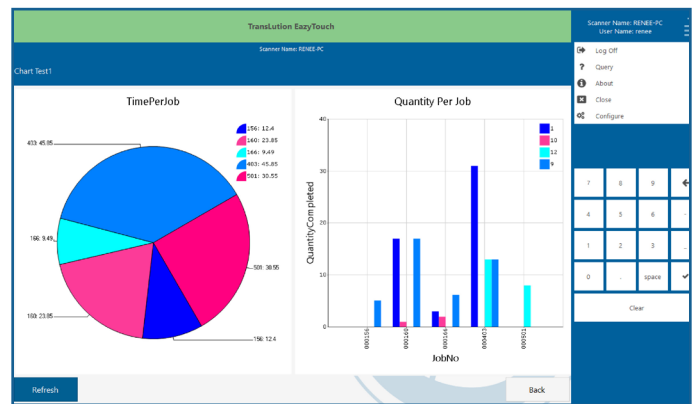
These charts are easily available from within TransLution, allowing managers to analyze data in real time, and quickly and effectively adapt workflows and processes to address issues. This makes it valuable for purposes finding or



confirming bottlenecks in operations, managing worker KPIs and providing an objective method of determining what measure of work has been completed, when and by whom.

The TransLution visualization screens allow users to place charts and graphs side by side to view the same data in different ways, or to view different sets of data on the same form.

TransLution supports Column Charts, Line Charts and Pie Charts, and allows users to configure their own forms with the same easy-to-use concepts as all the other TransLution functions. As is standard with TransLution, the visualization tool allows for different information to be seen by different users.



TransLution Software Visualization Tool Setup Form

The screenshot shows the 'Function Area: Chart Test1' setup form. It is divided into three main sections indicated by callouts:

- Summary:** A table listing function areas. The first row is highlighted:

Function Area Id	Name	Description
248	Chart Test1	Chart Test1
249	Chart Test2	Chart Test2
250	Chart Test3	Chart Test3
251	ShamChart Test1	ShamChart Test1
- Definition:** Configuration fields for the chart.
 - Chart Number: 1
 - Chart Name: TimePerJob
 - View: vw_EazyView_Labour_Duration
 - Chart Type: Pie
 - X Axis: JobNo
 - Y Axis: Duration
 - Group: (empty)
 - Sort by: (empty)
 - Colour Palette: Colorful
 - Show Chart: ☒
 - Buttons: Save Chart, Cancel
- Preview:** A preview of the 'TimePerJob' pie chart, identical to the one in the top screenshot, showing the same five segments and their values.

At the bottom left, there are buttons for 'Complete', 'Incomplete', 'Active Only', 'Refresh', 'New Chart Function Area', 'Deactivate', and 'Close'.

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