TRANSLUTION

Weighbridge and Scale Integration







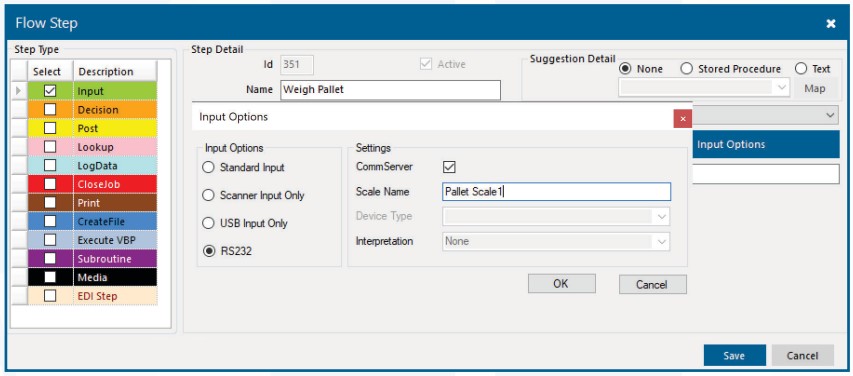
Scale integration using TransLution™ software

Introduction

In addition to reading barcodes and communicating with IoT devices, TransLution also supports the ability to communicate with virtually any type of scale or weigh bridge. There are many environments where scales are used to weigh products. These scales range from weigh bridges weighing entire trucks right through to devices weighing micro ingredients for production in a pharmaceutical environment. While it is possible to have the user look at the scale, read the information that is displayed and then manually enter the data into TransLution this is of course significantly slower and more error-prone than simply reading data directly from a scale and logging the results into a database.

Weighing at receiving

In many environments, particularly food and beverage manufacturing, scales are used to weigh pallets of raw materials received against a purchase order. This information is then used to update SYSPRO and update the Purchase Order the receipt was done against. TransLution can be configured to manage a range of acceptable tolerances when receiving bulk goods.





AVAILABLE ON

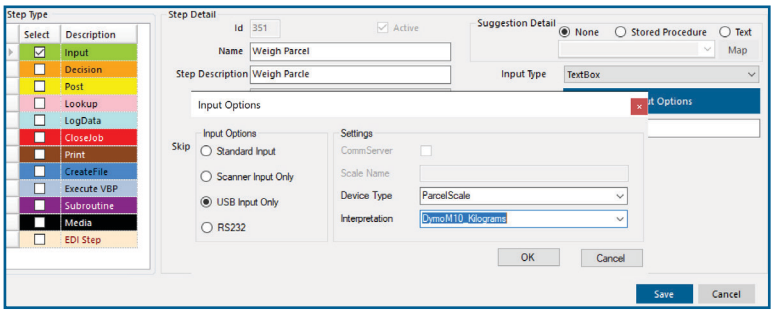
syspro



Weighing in production

When running production jobs in a batching environment, raw materials for production are often managed by weight rather than by item count. Scales are used to weigh the raw materials and the resulting finished goods to update SYSPRO with the raw material consumption figures and the resulting production figures. If the input and output weight are recorded at each stage of the production process, it is also possible to analyse production yield within each stage of the process.

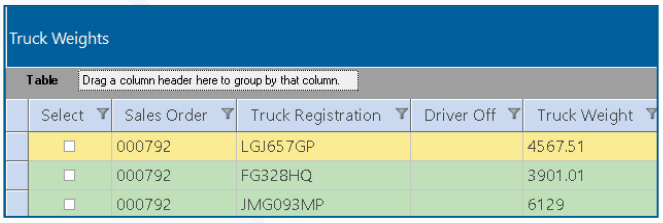




Weighing at dispatch

There are different ways to weight goods at dispatch. In bulk production processes, it is not uncommon to weigh departing trucks at a weighbridge to check that the truck weight matches what has been dispatched. Another very common process is a parcel packing and checking process. In this case, completed parcels are weighed so that parcel weights and measures can be passed to courier or transport companies to facilitate integrate to various third-party carriers.

While most large scales use serial communications, many of the parcel scales in use at clients rely on USB communications. TransLution supports communication both to older type serial communication scales and to the often easier to use USB type of devices.



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