

**Version 1.1**

**Date: 2018/04/09**

Abstract

**In some instances, couriers apply weight as a factor to charge for their services. In these instances, an application is provided to integrate and assign a parcel weight.**

Courier Parcel Scale Integration

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# Document approval and distribution list

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# Introduction

Some of the courier service providers that Engineparts use, require parcel weights to be added to the consignment.

Should such a weight not be provided, couriers are likely to add an assumed weight that Engineparts would need to manage / verify after delivery.

***NOTE: the current status is that all current service providers do not require parcel weights. The infrastructure has been dismantled and removed. The document is provided as a guide should the functionality require revival.***

# Audience

Warehouse management

Despatch

# Objectives

The solution objective is to provide warehouse staff with a solution to accurately record a consignment parcel weight.

Consignment details is scanned using barcoded labels post parcel packing and labelling that identifies a specific parcel.

The parcel as identified is placed on an electronic scale and as soon as the weight display has stabilised, the accept button is clicked and the weight recorded in ePart.

# Technical description supporting functionality

The electronic scale is equipped with an RS232 port that is linked to a PC.

Fully fledged PC based RS232 ports are not standardly provided with new generation PC’s and need a USB to RS232 serial converter.

The solution is developed using C++ builder that has a standard RS232 software interface.

To note the USB to RS232 serial interface does not require any C++ code to be changed

# Dependencies

|  |  |  |
| --- | --- | --- |
| # | Description | Action / By whom |
| 1 | RS232 Scale |  |
| 2 | USB to RS232 converter |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |

# Software and application

No detail is provided in favour of application software that is in use

# Acceptance

I hereby confirm that I have been fully informed of the documents content and, received training to understand how the detailed instructions are to be applied

Name …………………………………………………………………………….

Job Title ………………………………………………………………………….

Signed ……………………………………………………………………………

Date ………………………………………………………………………………