

# Technical specification

## General

Works with most label printers (ZPL Emulation)  
Licencing per workstation, unlimited printers

## Label Design

100% WYSIWYG (What You See Is What You Get)  
Direct display of selected element properties  
Label and Printer setup wizards available  
Wide range of variable data types available  
Drag & Drop and sizing with mouse  
Grid and Guide line control for accurate layout  
Full position control with mouse, arrows or value entry  
Settings for inverse, print (white on black)  
Group alignment & properties tools  
Undo/Redo multiple levels  
Customised print time prompts  
Export/import of templates and associated files  
Automatic addition of prefix/suffix  
Metric or Imperial ruler & measurement settings  
Settings for max/min length, truncation and padding  
Settings for constraints and coercion  
Preferences settings – font, barcode, sizes etc  
Optional display of pre-printed label background  
Automatic emboldening for allergens in ingredients

## Label/Printer Settings

Large selection of standard label sizes  
Straightforward creation of new types & sizes  
Settings for peel-off, tear-off & cutter  
Settings for continuous, gap or black line sensing  
Settings for multiple labels across web  
Different settings can be saved with each label template

## Text

Select printer fonts or Truetype fonts  
Automatic copy-fit and left, centre, right justification  
Currency, Weight and numeric data types.  
Control of no of decimal places for pricing, sizing units  
Automatic formatting of currency £,p,\$,¢,€ for pricing  
Automatic formatting of units kg,g,m,cm,lb,oz for sizing  
Constraint control for data input, Uppercase etc

## Barcodes

All common symbologies including 2D  
Uses printer generated barcodes for accuracy  
GS1 UCC/EAN Wizard for application identifier generation  
Automatic check digit calculation  
Macro Scripting for non standard check digits etc  
Human readable text options

## Graphics

Lines, Boxes and many graphic formats  
Integrity of graphic maintained even when resized  
Various algorithm choices for rendering to monochrome  
Library of industry appropriate, scalable TrueType symbols  
Variable graphic or symbol chosen by keyboard or database

## *Incrementing, Decrementing & Serialisation*

Wide choice of ranges and custom ranges  
Options for action on limit reached etc  
Start value from fixed, keyboard, other element or database  
Serial number memorised for next print run

## *Date & Time*

Wide range of fixed and also custom formats available  
Date/Time offsets from keyboard or database or calculated

## *Option Lists*

Choose from predefined options at print time.  
Options chosen can cause print of an associated

## *Print Time Processing*

Basic-like, Macro Script language to control label variables  
Real time calculations for currency, weight etc  
Linking and concatenation of label variables

## *Database*

Wizard for easy connection  
Multiple database types and OLEDB & ODBC for all others  
Connection to spreadsheets or text files (csv etc)  
SQL queries and sophisticated filter control  
Create predefined filters or sql queries for print time  
Copy quantity control from database fields  
Print List creation from selected records with quantities

## *Datastore*

Create your own database appropriate to your label  
Design label for keyboard input & allow database to be created from data entered at print time  
Data in mdb format can be read and edited by spreadsheet or other database software

## *Printing*

No limit on number of printers  
Full preview of data on the label before print  
Data entry from keyboard and or database  
Create & save print jobs using Print List setup  
Print to file facility, raw printer commands  
Direct, command language print for high speed  
Print speed optimisation, memory mode option, saves fixed data in printer

## *Print-Only Version*

Simple select and print interface  
Click thumbnail view of labels for selection for print  
Can add records to the Datastore, if permitted

## *Job Control*

Print list can be created and saved for repeat print jobs  
Management & Audit control  
Password and user control of Design and or Print Only  
Audit history of labels printed against time and user.

## *Networking*

Database can be on remote network. No limit on number of printers on a network