

etiLABEL - SOFTWARE VERSIONS

The Software is available in five different versions: **L**ite, **B**asic, **M**edio, **S**tandard and **P**rofessional.

The versions differ in functionality, and thus they are addressed to different customer groups. Each printer purchased in the Etisoft company (www.etisoft.eu) is equipped with Lite version of the application. The customer can purchase an extended application version at any time of printer's life.

L etiLABEL LITE:

- Basic elements printout: bar code, text, graphics in bmp format,
- Basic settings, by mouse, for each element: position, size, orientation
- Setting name, value of components
- Tearing, cutting, peeling support,
- Bar codes – basic code set: 39, 93, 2 of 5, 2 of 5 checksum, EAN13, EAN8, 128,
- Basic print parameters: number of labels, printout temperature, printout speed,
- Setting margins for after print action (tearing, cutting and peeling),
- Standard counter in printer's fonts (ABC) and barcodes,
- Local ports printout (USB, LPT, COM).

B etiLABEL BASIC:

includes full etiLABEL LITE functionality and

- Setting number of copies,
- Two dimensional barcode (2D): Datamatrix,
- Printout shift (vertically, move right),
- Setting by keyboard components parameters like positions and size

M etiLABEL MEDIO:

includes full etiLABEL BASIC functionality and

- Date and time (including expiry date) display,
- Automatic line breaking for long texts (True Type text),
- Ask before print function (entering new values of components just before print).
- if a given folder already stores a file with the same name as the element's name, the pop-up window, requesting the value will display a list from file instead of edit field option,

- Printing multi-columns,
- Printing direction (comfortable editing of very long labels),
- Ability to connect objects – destination element gets the value from the source element,
- Background display (e.g. for initially printed labels).

S etiLABEL STANDARD:

includes full etiLABEL MEDIO functionality and

- Printing via printer driver (for example laser or inkjet printers),
- Printing via network (on network printers)
- Choose printer before print from list of defined printers,
- Possibility to force use one printer for all printouts,
- Creating and opening label templates (etxt files)
- File database printout – requires MDAC library (in Windows XP installed with the system): dBase (dbf), Paradox (db), Excel (xls, xlsx), text (txt), DBISAM (dat),
- Fixed cell from excel file,
- Number of labels and copies to print from the database,
- Do not print – the ability to exclude some elements from printout,
- Importing graphics file from other than bmp formats like (jpg, jpeg, png, gif).
- Variable graphics (Automatic insertion on the label image files with names taken from the database),
- Use stored TrueType font in the printer's memory as printer text (ABC),
- System text justification (printer fonts),
- Space between letters (printer fonts),
- The fonts width (True Type fonts),
- Line spacing (True Type fonts),
- Checking the text length (value),
- Resize text to fit area of component (True Type fonts),
- Negative, mirror, vertical text (True Type fonts),
- Vertical text justification (True Type fonts),
- Inserting special characters (True Type fonts),
- 2-Dimensional codes: PDF417, QR Code, GS-1 Databar
- Other bar codes support (39 Full Ascii, ITF14, EAN13 variable quantity/price, EAN2, EAN5, UPCA, HIBC),
- Hexadecimal and ASCII counter,
- Ability to define user permissions,
- Printing from command line (call program with parameters),
- Combining value of barcode from few components.

- Sheet of labels

P etiLABEL PROFESSIONAL:

includes full etiLABEL STANDARD functionality and:

- Global counter – the ability to use continuous numbering with a number of label patterns,
- Any database support: Access (mdb), MS SQL Server, other through ODBC: Oracle, DB2, MySQL, PostgreSQL,
- Logistic barcodes: EAN/GS-1 128, GS-1 Datamatrix including SSCC numbering.
- Ability to calculate checksums and placing them in text (useful for example to place captions under the codes),
- Saving the information of printed label to file (labels log),
- Saving the information of all printed labels to file (application log),
- Value definition - scripting engine (to convert values including split / combine the components, process control printing),
- Operator window - ability to simplify and security printing process,
- External trigger – Print labels after receiving external signal through RS232 port,
- Set - printing cumulative label after a defined number of labels,
- Storing label formats into printer's memory,
- RTF Format - Rich Text Format (different fonts, sizes, styles, fonts into one component), for example. Supports bold, or underline only the names of allergen in the entered text, in accordance with Regulation (EU) No 1169/2011.
- Line Spacing in True Type - RTF Format,
- Support basic text formatting tags (RTF Format – Date Base), supported tags: **Bold:** </ b>, *Inclination:* <i> </ i>, Underline: <u> </ u>, the new line:
,
- Printing pictograms, warning signs, in two colors where printing process include two stages (special version),
- Export label layout to graphics file,
- Wait for peel off - prints next label only when printer is able to print (TCP/IP or Serial connection only)
- Must have unique value - Blocking the printing of next label for a duplicate component value.

etiLabel software versions comparison.



General functionality						
1	Supported printers Citizen, TSC and Zebra	✓	✓	✓	✓	✓
2	Printer's tools: calibration, test print, clear memory	✓	✓	✓	✓	✓
3	Basic elements printout: lines, bar code, printer's text (ABC), TrueType texts (TT), bitmap graphics (bmp format). (chapter 2.1 objects bar)	✓	✓	✓	✓	✓
4	Basic settings available for each element components name, value (chapter 2.1 objects bar):	✓	✓	✓	✓	✓
5	Basic settings, by mouse, for each element: position, size, orientation	✓	✓	✓	✓	✓
6	Tearing, cutting, peeling, rewinding support, (chapter 5.3.5 after printout and 2.2.2 printer settings)	✓	✓	✓	✓	✓
7	Basic print parameters: number of labels, printout temperature, printout speed,	✓	✓	✓	✓	✓
8	Local ports printout (USB, LPT, COM).	✓	✓	✓	✓	✓
9	Setting offset for after print action (tearing, cutting and peeling),	✓	✓	✓	✓	✓
10	Setting number of copies,	✗	✓	✓	✓	✓
11	Setting by keyboard components parameters like positions and size	✗	✓	✓	✓	✓
12	Printout shift (vertically, move right),	✗	✓	✓	✓	✓
13	Ability to connect objects – destination element gets the value from the source element,	✗	✗	✓	✓	✓
14	Printing via network (Chapter Printer settings)	✗	✗	✗	✓	✓
15	All printers support (Printing via printer driver)	✗	✗	✗	✓	✓
Functionality related with barcodes and 2D codes						
16	Bar codes – basic code set: 39, 93, 2 of 5, 2 of 5 with checksum, EAN13, EAN8, 128. (chapter 2.1.9 and appendix A)	✓	✓	✓	✓	✓
17	Standard counter	✓	✓	✓	✓	✓
18	Two dimensional barcode (2D) Datamatrix	✗	✓	✓	✓	✓
19	Other bar codes (ITF14, EAN13, variable quantity/price EAN2, EAN5, UPCA, HIBC, 39 Full Ascii) (Chapter Appendix A.)	✗	✗	✗	✓	✓
20	Other two dimensional barcodes (2D): PDF417, QR Code (Chapter Appendix A. Bar codes specifications)	✗	✗	✗	✓	✓
21	The value of a code concatenated of several components. (Chapter 5.1 Bar code advanced settings)	✗	✗	✗	✓	✓
22	Logistics codes EAN/GS-1 128, GS-1 Datamatrix, including support for SSCC counting (Chapter Appendix A. Bar codes specifications)	✗	✗	✗	✗	✓

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Functionality related with texts					
23 Printing texts created by TrueType (TT) fonts and Printer's fonts (ABC). (chapter 2.1 objects bar)	✓	✓	✓	✓	✓
24 Standard counter (Printer's fonts - ABC)	✓	✓	✓	✓	✓
25 Setting date and time for object properties printer system font text, True Type font text, bar code (including expiration date, chapter 5.2. Automatic setting of date and time)	✗	✗	✓	✓	✓
26 Automatic line breaking for long texts (TrueType text - TT),	✗	✗	✓	✓	✓
27 True Type counter (TrueType text – TT), (chapter 2.1.4)	✗	✗	✗	✓	✓
28 Hexadecimal and ASCII counters (chapter 2.1.4)	✗	✗	✗	✓	✓
29 Checking text length (object property True Type font text, chapter 2.1.4 and printer system font text, chapter 2.1.5)	✗	✗	✗	✓	✓
30 Negative, mirror, vertical justification (object property True Type font text - TT, chapter 2.1.4)	✗	✗	✗	✓	✓
31 Inserting special characters (True Type fonts - TT),	✗	✗	✗	✓	✓
32 Letters spacing, object properties printer system font text (ABC)	✗	✗	✗	✓	✓
33 Letters width, line-spacing, object property True Type font text. (TT)	✗	✗	✗	✓	✓
34 Use stored TrueType font in the printer's memory as printer text (ABC),	✗	✗	✗	✓	✓
35 System text justification (printer fonts - ABC) System fonts text.	✗	✗	✗	✓	✓
36 Rich Text Format. Different fonts, sizes, styles, fonts in one component for example: supports bold, or underline only the names of allergen.	✗	✗	✗	✗	✓
Functionality related with graphics					
37 Importing graphics file from file in bitmap (bmp) format,	✓	✓	✓	✓	✓
38 Scale factor enteren as a percentage,	✗	✓	✓	✓	✓
39 Save with label – storing graphics data in label file,	✗	✓	✓	✓	✓
40 Background display (e.g. for initially printed labels)	✗	✗	✓	✓	✓
41 Negative, Mirror reflection	✗	✗	✓	✓	✓
42 Importing graphics file from other than bmp formats (jpg, jpeg, png, gif).	✗	✗	✗	✓	✓
43 Export label layout to graphics file	✗	✗	✗	✗	✓
Functionality simplifies printing					
44 Ask before print function (entering new values of components just before print). If a given folder already stores a file with the same name as the element's name, the pop-up window, requesting the value will display a list from file instead of edit field option,	✗	✗	✓	✓	✓

etiLabel software versions comparison.		L	B	M	S	P
45 Multi-column printing Chapter 5.3.2 Printing/columns procedure		✗	✗	✓	✓	✓
46 Sheet of labels printing,						
47 Printing direction (convenient editing of very long labels) Chapter 5.3.3.		✗	✗	✓	✓	✓
48 Don't print - This setting switches off the selected object from the printing procedure		✗	✗	✗	✓	✓
Functionality related with databases and excel spreadsheets						
49 File database support – required MDAC library. dBase (dbf), Paradox (db), text (txt), DBISAM (dat), Excel (xls, xlsx), (Chapter 3.3)		✗	✗	✗	✓	✓
50 Variable graphics (Automatic insertion on the label image files with names taken from the database),		✗	✗	✗	✓	✓
51 Number of labels and copies to print from the database,		✗	✗	✗	✓	✓
52 Any database support (Chapter 3.3 Databases): - Access (mdb), MS SQL Serve, - others via ODBC: Oracle, DB2, MySQL, PostgreSQL.		✗	✗	✗	✗	✓
53 Support basic text formatting tags (RTF Format), supported tags: Bold: </ b>, <i>Inclination:</i> <i></ i>, <u>Underline:</u> <u></ u>,new line: ,		✗	✗	✗	✗	✓
Advanced functionality						
54 Users - option to disable label edit, three types of users with different authorizations: administrator, designer and printer – by convention,		✗	✗	✗	✓	✓
55 Parameters - Launching the program with parameters (Chapter 5.5)		✗	✗	✗	✓	✓
56 Pulling out an empty label (differentiating a series of labels),		✗	✗	✗	✓	✓
57 Creating and opening label templates (etxt files),		✗	✗	✗	✓	✓
58 Storing label formats into printer's memory,		✗	✗	✗	✓	✓
59 Function calculating the value (addition, multiplication, etc. of elements' values)		✗	✗	✗	✓	✓
60 Global counter – ability to use continuous numbering using multipattern labels (chapter 2.1.4)		✗	✗	✗	✗	✓
61 Value definition - scripting engine (to convert values including, split / combine the components, process control printing),		✗	✗	✗	✗	✓
62 Set - printing cumulative label after a defined number of labels,		✗	✗	✗	✗	✓
63 Easy save multiple labels in the printer's flash memory,		✗	✗	✗	✗	✓
64 Ability to calculate checksums and placing them in text (useful, for example, to place captions under the codes) (Chapter Appendix A.)		✗	✗	✗	✗	✓
65 Saving the information of printed label (labels log) and all printed labels (application log) to file.		✗	✗	✗	✗	✓
66 Option to define the operator's window – set of buttons with assigned label patterns and/or database tables		✗	✗	✗	✗	✓

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	L	B	M	S	P
67 Print labels after receiving external signal through RS232 port - print the data is received by the RS232 port (weight, reader, PLC) - button – Printing by pressing button connected to the RS232 port.	✗	✗	✗	✗	✓
68 Printing pictograms, warning signs, in two colors where printing process include two stages (special version)	✗	✗	✗	✗	✓
69 Wait for peel off - prints next label only when printer is able to print	✗	✗	✗	✗	✓
70 Must have unique value - Blocking the printing of next label for a duplicate component value.	✗	✗	✗	✗	✓