

SIM User Guide

Version 02/03/2018

This document describes the version 3.6x from February 2018 but may also apply to previous or later versions. Simple Inventory Manager is an active software that is regularly improved and updated. To avoid complex automatic updates, which can slow down PC startups, it is you who decides when to update by consulting the website www.simple-inventory-manager.com, where you can also find videos and application examples.

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1 Introduction

1.1 Efficient

SIM was developed for instant implementation and immediate usage by any kind of user, for all types of organization or activity.

1.2 Simple

Unlike many inventory managers, SIM is not simply an option or addition to accounting or business management software suites. It is a tool for field employees working directly with the inventory, who are interested in real time availability, monitoring and supply. Easy use and ergonomics take precedence over administrative and financial aspects.

1.3 Strength

Built using the Microsoft.Net standard and a SQL database, SIM is an open and scalable software. Many variants exist, and all modifications and improvements that you probably need are already available or easily attainable. To ensure that the software remains simple, its architecture is modular: you only pay and see what is useful to you.

1.4 International

Since 2014, SIM is available in English, Spanish, and German, at no extra charge. You, yourself can translate the SIM text file, and adapt it to your country, culture, or even your practice. Sometimes the original name GSM (Gestion de Stock Modulaire) may appear instead of SIM.

2 Getting started

2.1 Installation

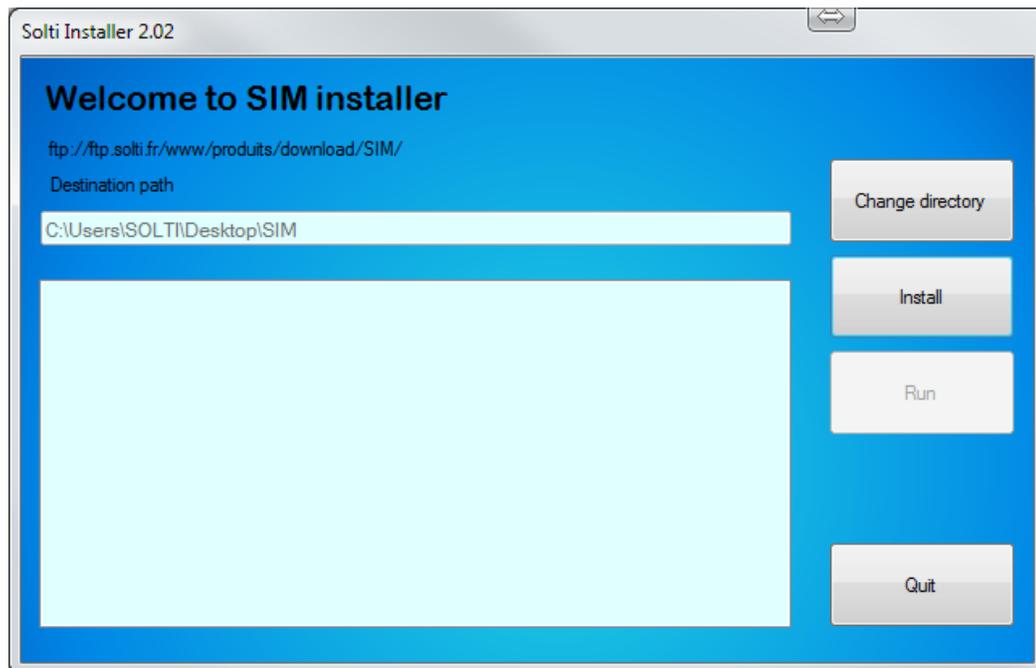
The best quality of SIM is the easiness in its use. Installing the software consists of copying a directory containing a dozen files, anywhere on your PC. We recommend you to simply download the files from www.simple-inventory-manager.com

Download SIM for free

It poses no threat to your PC! The easy process to installing the software also allows using SIM in a number of directories and cloud networks, for which you can consult us for more information.

2.2 Automatic Installation

On certain websites, you find installer.exe files to download. By running this program, the files are copied from the SIM website into a directory of your choice, which by default is the Desktop/SIM.



The “Change directory” button allows you to install it anywhere on your disk. The “Install” button will perform loading. The “Launch” button will run SIM. You only need to create a shortcut on your desktop or taskbar.

2.3 ZIP Files

On certain websites, you will find a SIM.zip file to download. It is a compressed SIM directory. The step by step procedure for installing the software is available on the website both as a video and as a pdf file which you can easily download.

2.4 User Interface

The user interface has 4 tabs or 4 different pages. These tabs perform in the same way as other Windows applications like Excel.



Each tab contains a table called a "DataGrid" containing data

2.5 Screen sections

Whichever the tab, each display includes 4 sections dedicated to the following actions:

In the upper left hand corner, the tab selection corresponds to the work to be done

- The search boxes (or scroll lists), according to the tab selected
- The data display area
- The button area which proposes actions to be performed on the selected line.

2.6 Record Selection

Each line of data is known as a 'record'. Most actions are accessible by clicking on the button located to the left of each relevant line. This precaution prevents launching actions without having explicitly chosen the line.

| ID | Family | Reference | Designation | Supplier | Location | TOTAL |
|-----|---------|------------|-------------------------|---------------------------|----------|---------|
| 182 | FISH | 2FSE0001_1 | PRAWNS | EXCELLENT MEAT INTERNA... | | 2025660 |
| 183 | FISH | 2FFI0001_1 | SALMON FISH PORTION | EXCELLENT MEAT INTERNA... | | 5114340 |
| 184 | FISH | 2FFI0002_1 | SMOKED SALMON | EXCELLENT MEAT INTERNA... | | 816480 |
| 185 | FISH | 2FFI0003_1 | WHITE HAKE FISH PORTION | EXCELLENT MEAT INTERNA... | | 319960 |
| 186 | PASTRY | 2PPA0001_3 | CHOCOLATE FONDANT | DELMOTTE | | 353232 |
| 187 | PASTRY | 2PPA0002_3 | OPERA CAKE | DELMOTTE | | 589050 |
| 188 | PASTRY | 2PPA0003_3 | DACQUOISE CAKE | DELMOTTE | | 621920 |
| 189 | VEGETAL | 2VVE0001_3 | GREEN ASPARAGUS | OLERON EXPORT | | 143850 |
| 190 | VEGETAL | 2VVE0002_3 | SPINACH | OLERON EXPORT | | 2630 |
| 191 | VEGETAL | 2VVE0003_3 | BROCOLIS | OLERON EXPORT | | 3820 |

2.7 Right click

Like most Windows applications, a right click on a line opens a user menu. This enables triggering only one action at a time on the selected item. A list of possible actions is available on buttons to the right of the screen, which can be performed on several items at once.

| | | |
|---------------|---------------|--------|
| CAKE | DELMOTTE | 3465 |
| JOISE CAKE | DELMOTTE | 1840 |
| N ASPARAGUS | OLERON EXPORT | 143850 |
| CH | | |
| OLIS | | |
| TABLES MIX | | 0 |
| CH GREEN BEAN | | 0 |
| V PEAS | | 0 |

- Insert products to the stock (buy)
- Output products from the stock (sell)
- Modification of selected product
- Create a new product
- Cancel

2.8 Column width

Each table column (the DataGrid or the grid) can be widened or narrowed by selecting the line that separates two column headers, and dragging it to left or right. Double-clicking will set the column width to the fitting value.

| Id | Family | Reference | Designation |
|----|-----------|-----------|-------------|
| 60 | INTRUSION | AS270 | sirène in |
| 43 | INTRUSION | ATS1110 | clavier |
| 44 | INTRUSION | ATS1115 | clavier |

To save the columns width, you need to exit the screen with the 'quit' button: the next time you launch the application, the saved widths will be used.

2.9 Sorting Records

By default, the data are sorted from oldest to newest. To change this order, simply click on the header of each column to sort it alphabetically from A to Z, or Z to A. This convenient feature is more accessible than using Excel.

| Reference | Supplier | Quantity | Mini | Location | U-Buy | T-Buy | U-Se |
|--------------|--------------|----------|------|----------|-------|--------|------|
| itecteur IR) | GE SECURI... | 2323 | 0 | stock | 223 | 518029 | |
| ission | ELECTRON | 56 | 25 | stock | 0 | 0 | |
| | ABIX | 33 | 15 | stock | 0 | 0 | |
| | ACCUNOR | 30 | 7 | stock | 0 | 0 | |
| | ABIX | 29 | 15 | stock | 0 | 0 | |
| | support ecr | 23 | 0 | | 0 | 0 | |
| it | GE SECURI... | 22 | 10 | stock | 0 | 0 | |
| | GRUSON | 19 | 5 | stock | 0 | 0 | |
| it | GE SECURI... | 16 | 10 | stock | 0 | 0 | |

2.10 Searching Records

To facilitate working with large quantities of important data, the search box allows the display of only records fitting the selected criteria. For example, in order to search for all “bolts” type products, just type the word “bolt” in the designated box, and hit “Return” or the button on the right. Only the records including the word ‘bolt’ appear. Also, it is possible to simply enter “bo” or “lts”. In the logbook screen, it is possible to combine criteria.

| Id | Family | Reference | Designation | Supplier | Quantity | Mini | Location | U-Buy | T-Buy | U-Sell |
|----|---------------|-----------|---------------|-------------------------|----------|------|----------|-------|-------|--------|
| 1 | ROYAL ENFIELD | TSM002/S | T Shirt Ma... | Royal Enfield (apparel) | 2 | 1 | BOX 4 | 719 | 1438 | 1650 |
| 2 | ROYAL ENFIELD | TSM002/M | T Shirt Ma... | Royal Enfield (apparel) | 0 | 1 | BOX 4 | 719 | 0 | 1650 |
| 3 | ROYAL ENFIELD | TSM002/L | T Shirt Ma... | Royal Enfield (apparel) | 6 | 1 | BOX 4 | 719 | 4214 | 1650 |

To return to the display of all the records, just use the “refresh” button. It is possible to recall the last 10 searches performed, by clicking on the arrow of the search box.

3 Products tab

3.1 Display

The first tab is intended for the most common daily work: Incoming and outgoing inventory products. The “products” are all the objects that can be found in the inventory which carry the same references. The first tab displays the quantity of each product and products on warning alert.

3.2 Mouse click

When clicking on a line, a popup menu offers the following choices:

- Insert product**
- Output product**
- Modify product**
- Create a new product**
- Print a label**
- Cancel**

The Output and Input functions from the mouse right click moves only one reference at a time, buttons are used to move more than one reference at a time.

3.3 Products tab buttons

| Button | Action |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Help | Opens the user manual for SIM on a web browser. |
| Refresh | Restores data from database in the original form, after sorting data or to make sure that a networked base is updated. |
| Clear | Deletes all products from database, after user confirmation. |
| Export | Send displayed data to an Excel file, respecting the displayed order. |
| Alarms | Shows only products with quantity under threshold |
| Barcode | Opens a dialog window for scanning labels |
| Input | Opens a dialog window to add products into stock |
| Output | Opens a dialog window to remove products from stock |
| New | Creates a new product reference |
| Modif | Edits the selected line to alter a reference |
| Quit | Exits the application |

3.4 Export

One of the most useful button, that you will find in most tables, is the Export button. SIM can export data to many formats.

The CSV format just export the current displayed selection, and do not need to have Excel installed. CSV format may change according to your localization settings. A parameter IMPORT_CSV enables you to re-define the separator in case of problem.

XLS and XLSX formats require Excel. If you have an error such as “ACE.OLEDB” not installed, you have to install the missing component from Microsoft WebSite.

3.5 Product definition

Before anything, let us see what “products” means for SIM, as terms are very important to avoid misunderstanding when working under stress. Here are the definitions of product parameters:

| Field | Format | Description |
|-------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ID | Integer | Identifier. Each product has a unique identifier given automatically by the database system and It cannot be changed. In normal circumstances, you never need to change it. Usually, it is given in chronological order. |
| Family | String | To facilitate sorting, each product can have a family name associated. There are no pre-defined rules about how to choose a family name. No specific processing is done on the family names as the application uses ID and references. |
| Reference | String | Each product has one reference, each reference corresponds to only one product. This reference can be the bar code value or any unique string. Choosing a good reference naming system is the key of user comfort and system reliability. |
| Designation | String | This field is not used (except for search requests) by the system and may be used so that non-specialist users can clarify a reference by details like aspect or user warnings. |
| Supplier | String | The supplier name is taken from the supplier table which is detailed in a different tab. You don't need to use this field. |
| Quantity | Decimal | The number of actual products of the same reference in stock. This number can be anything, even a negative value as it is your responsibility to check if it matches with the actual stock. |
| Mini | Decimal | This is the minimum quantity you want to keep in stock at any time. When the real quantity is lower, the quantity will appear in red, as for ID 14 in the samples screen. Mini is specified when creating a new product. |

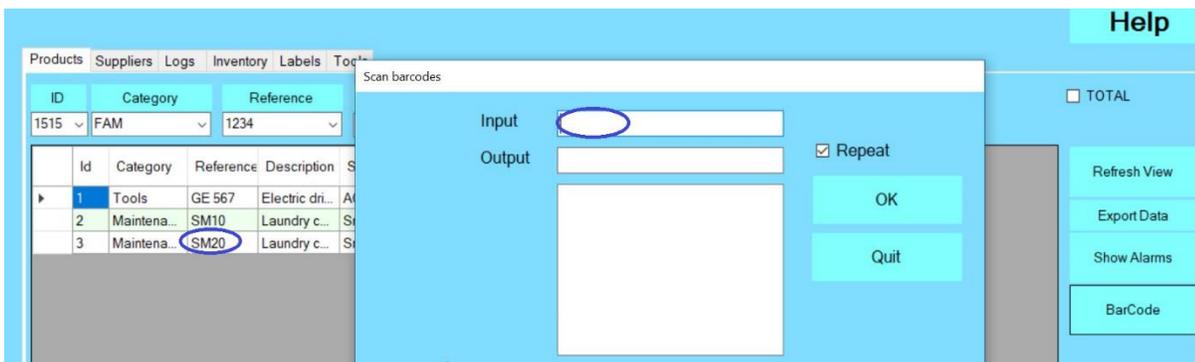
| | | |
|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location | String | This field is not used by the system, you can write anything that will help users find or sort products. Location is specified when creating a new product. |
| U-Buy | Decimal | This field contains the unitary cost of the product, when added to stock. Buying costs in SIM is not required. You can also use the CUMP feature to make use of the average value of the actual stock. |
| T-Buy | Decimal | This is the product of U-Buy by Quantity for a specified product. |
| U-Sell | Decimal | This field contains the unitary price of the product. Buying costs in SIM is not required. You can also use the CUMP feature to make use of the average value of the actual stock. |
| T-Sell | Decimal | This is the product of U-Sell and Quantity for a specified product. |

4 Barcode window

4.1 Principle

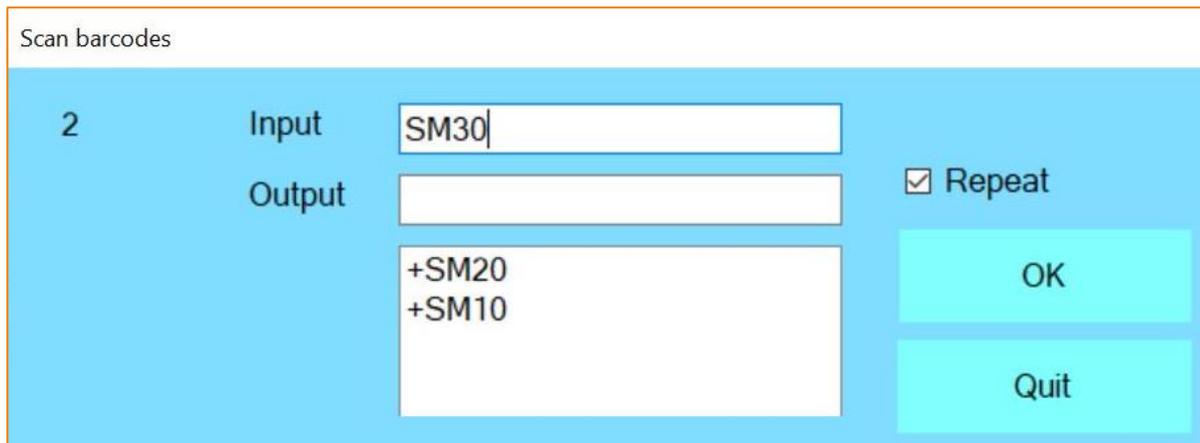
From the Product tab, when you have the barcode reading option, you can press the **Barcode** button. It opens a window adapted to USB barcode scanning, or any radio or Bluetooth compatible reader. Simple barcode readers that behaves like keyboard extensions are called HID (Human Interface Device).

You have to move the mouse cursor to the Input or Output textbox.



When you scan a barcode, the text is entered just like typing manually. A return character has to be sent by the reader, otherwise you have to use the OK button.

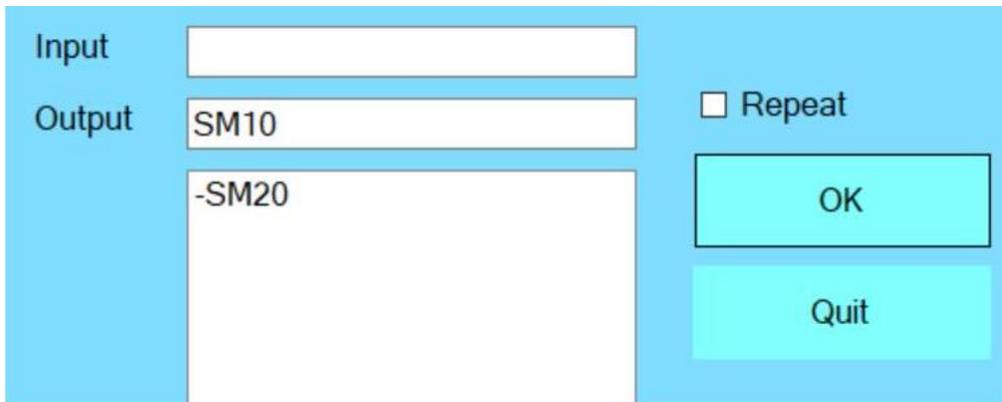
4.2 Scan modes



Each barcode scanned is displayed in the bottom window. Inputs are marked + and output –

The number of scans is indicated on the left.

When the repeat checkbox is unchecked, you have the opportunity to enter a quantity, a comment or any additional information.



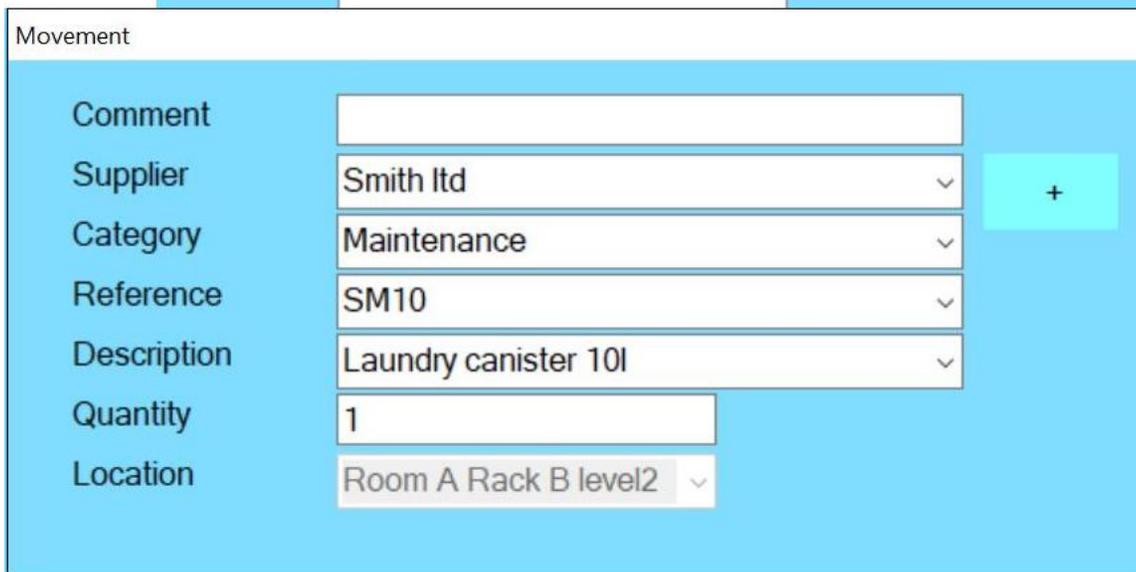
Input:

Output:

Repeat

OK

Quit



Movement

Comment:

Supplier:

Category:

Reference:

Description:

Quantity:

Location:

When the barcode is not already defined in your SIM as a reference, you can choose to create a new product or to ignore it.



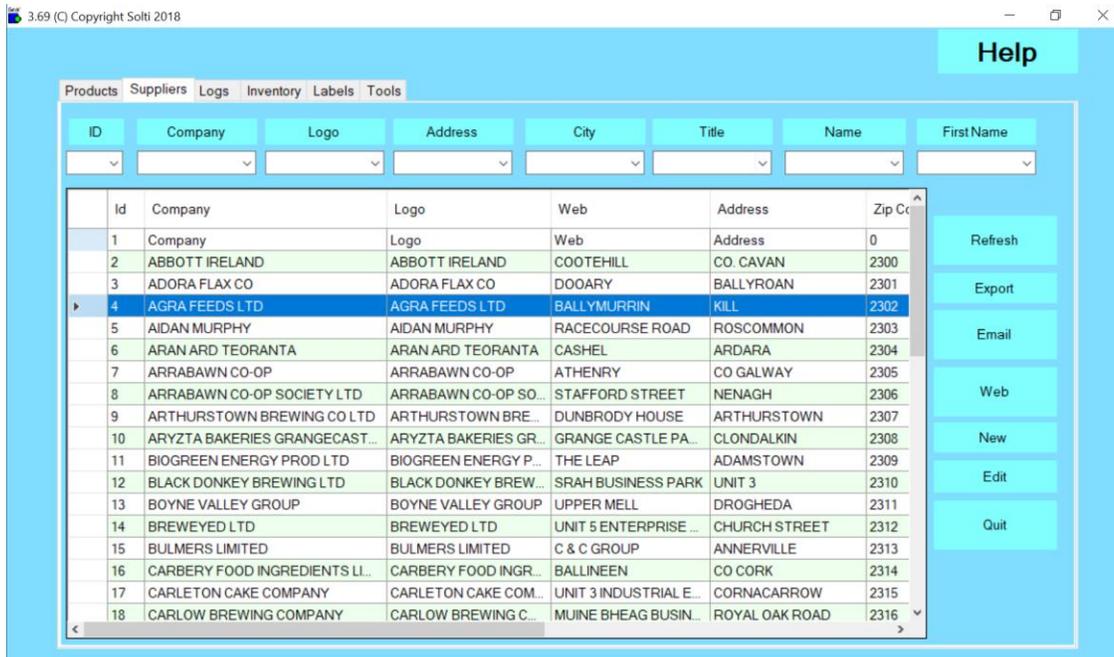
Question

Unknown barcode 1234
 Do you want to create this barcode? No will ignore it.

5 Suppliers

5.1 Display

The suppliers tab is used to keep track of supplier's information, for user comfort.



5.2 Suppliers tab buttons

| Button | Action |
|---------|------------------------------------------------------------------------------------------------------------------------|
| Help | Opens a web browser on SIM web pages. |
| Refresh | Restores data from database in the original form, after sorting data or to make sure that a networked base is updated. |
| Clear | Deletes all suppliers from the database. |
| Import | Imports data from an Excel .csv file |
| Export | Sends displayed data to an Excel file |
| New | Creates a new supplier |
| Modif | Edits the selected line |
| Quit | Exits application |

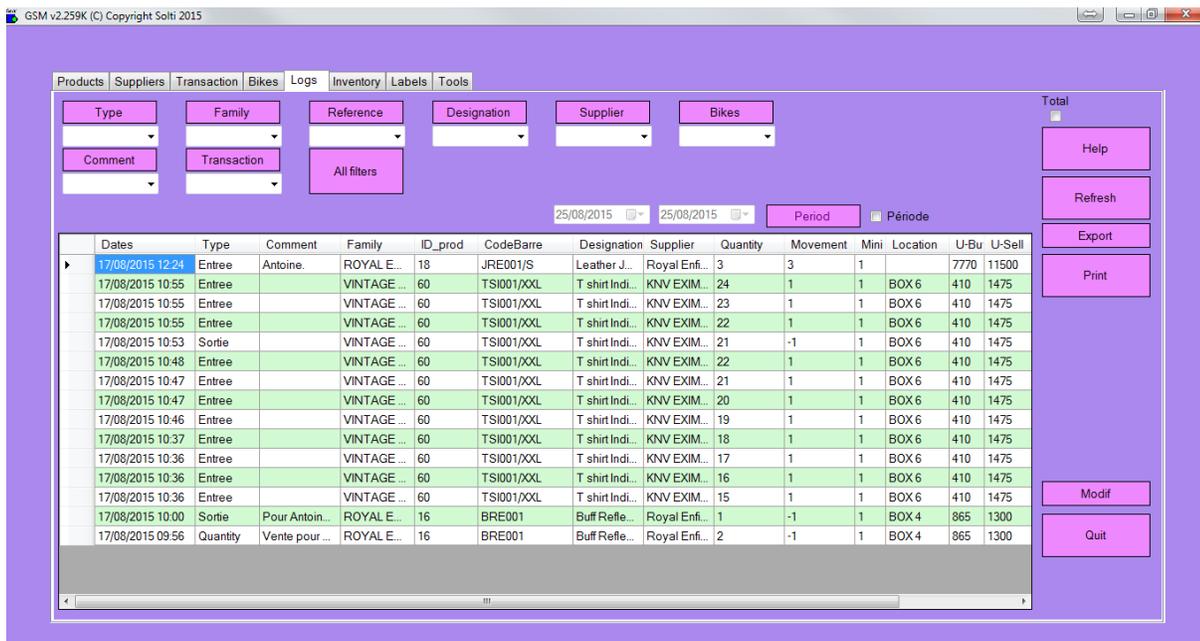
5.3 Supplier definition

| Field | Format | Description |
|------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ID | Integer | Identifier. Each product has a unique identifier given automatically by the database system and cannot be changed. Normally, you don't have to change it. Usually, Identifiers are given in chronological order. |
| Company | String | The full name of the company |
| Logo | String | The short usual name, if any |
| Address | String | To send letters and return material |
| Zip | Integer | Zip code |
| City | String | Location |
| Name | String | Name of your main contact |
| First Name | String | First name of your main contact |
| Job | String | Main contact's function |
| Mail1 | String | Main contact's mail |
| Mail2 | String | Secondary mail |
| Fax | String | Fax |

6 Logs tab

6.1 Display

The logs tab is used to keep track of any changes performed on the stock.



| Dates | Type | Comment | Family | ID_prod | CodeBarre | Designation | Supplier | Quantity | Movement | Mini | Location | U-Bu | U-Sell |
|------------------|----------|----------------|-------------|---------|------------|-----------------|--------------|----------|----------|------|----------|------|--------|
| 17/08/2015 12:24 | Entree | Antoine. | ROYAL E... | 18 | JRE001/S | Leather J... | Royal Enf... | 3 | 3 | 1 | | 7770 | 11500 |
| 17/08/2015 10:55 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 24 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:55 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 23 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:55 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 22 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:53 | Sortie | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 21 | -1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:48 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 22 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:47 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 21 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:47 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 20 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:46 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 19 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:37 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 18 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:36 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 17 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:36 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 16 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:36 | Entree | | VINTAGE ... | 60 | TSI001/XXL | T shirt Indi... | KNV EXIM... | 15 | 1 | 1 | BOX 6 | 410 | 1475 |
| 17/08/2015 10:00 | Sortie | Pour Antoin... | ROYAL E... | 16 | BRE001 | Buff Refle... | Royal Enf... | 1 | -1 | 1 | BOX 4 | 865 | 1300 |
| 17/08/2015 09:56 | Quantity | Vente pour ... | ROYAL E... | 16 | BRE001 | Buff Refle... | Royal Enf... | 2 | -1 | 1 | BOX 4 | 865 | 1300 |

6.2 Log tab buttons

| Button | Action |
|---------|-----------------------------------------------------------------------------------------------------------------------|
| Help | Opens a web browser on SIM web pages. |
| Refresh | Restore data from database in the original form, after sorting data or to make sure that a networked base is updated. |
| Clear | Deletes all logs from database, after user confirmation. |
| Export | Sends displayed data to an Excel file |
| Modif | Edits the selected line |
| Quit | Exits application |

6.3 Log definition

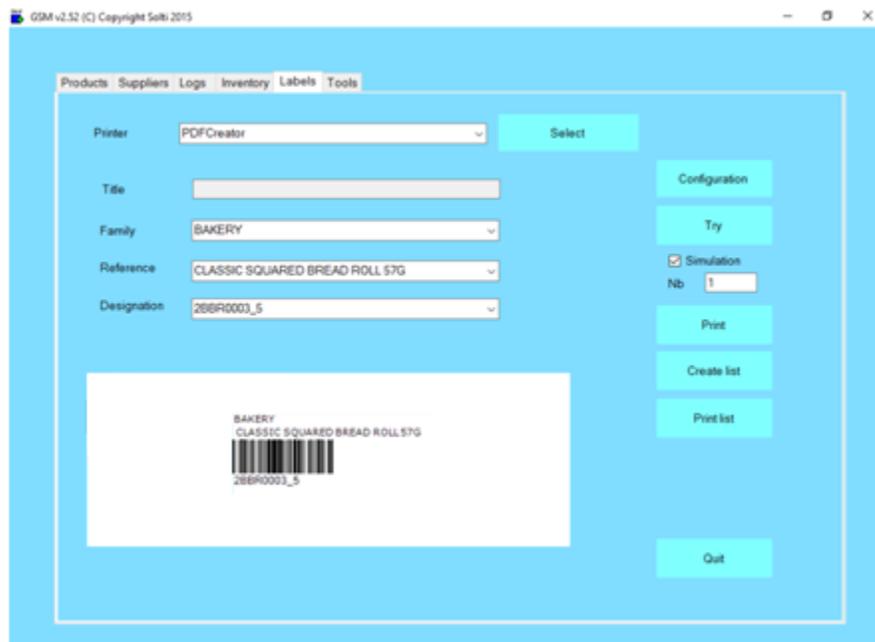
We call 'movement' an operation moving data into or out of stock. All movements are stored (logged and) in the journal. Operations such as modifying and deleting an item are also stored.

| Field | Format | Description |
|-------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ID | Integer | Identifier. Each product has a unique identifier given automatically by the database system. It cannot be changed. Normally you don't have to change it. Usually, identifiers given in chronological order. |
| Dates | String | Date and time of the operation |
| Type | String | Before = quantity before movement After = quantity after movement Input = products added to stock Output = products taken out of stock Modif = modification of product details |
| Comment | String | Comment eventually entered relating to the action |
| Family | Integer | Product family |
| ID_prod | Integer | Product ID |
| Reference | String | Product reference |
| Designation | String | Product designation |
| Supplier | String | Product supplier |
| Quantity | Decimal | Product quantity in stock |
| Movement | Decimal | Quantity moved |
| Mini | Decimal | Product minimum |
| Location | String | Location |
| U-buy | Decimal | Unitary buying price |
| U-sell | Decimal | Unitary selling price |

7 Label printer tab

7.1 Display

This tab is used only to design your own custom labels. It is for skilled users only.



7.2 Log tab buttons

| Button | Action |
|---------------|-----------------------------------------------------------------------------------------------------------------------|
| Select | Opens the list of printers to use |
| Configuration | Opens the parameter file which contains a [ETIQUETTE] section that may need to be modified. Call us for more details. |
| Try | Prints one label |
| Print | Sends the specified number of labels to the printer |
| Create list | Generates a CSV file containing the text of the labels for all products |
| Print list | Prints the list from the previous file. The file can be modified as required. |
| Quit | Exits application |

7.3 Simple label settings

This chapter describes the setting for one label.



In this sample, we use EAN code. The label is made of 3 lines, from the top to the bottom. The text which appears under the barcode, it is the barcode value.

In Etiquette.ini we have the following parameters:

```
[DATA]
NOMBRE=5           // Number of labels to print
TITRE=My Company  // Tittle for all labels

[ETIQUETTE]
CODE128=0          // Using code128
CODEEAN=8          // Using code EAN
HAUTEUR=20        // Height of barcode drawing
LARGEUR=60        // Width of barcode drawing
OFFSETX=10        // Horizontal shift for all printing
OFFSEY=10         // Vertical shift for all printing
X1=0              // Horizontal position the first line
Y1=0              // Vertical position of the first line
F1=12             // Height of the font of the first line
L1=20             // Maximum character length of the first line
X2=1              // Second line X
Y2=8              // Second line Y
F2=8B            // Second line height, 8 pixels, bold font
L2=20             // Second line length
X3=0              // Line 3 = Barcode drawing position
Y3=16             // Line 3 position
X4=0              // Line 4 position, if any
Y4=16             // Line 4 position
ZOOM=5           // Optional parameter to use for fixed scale barcodes
```

Unit is usually half millimeter. It depends of your printer. There is an unlimited number of possibilities. You can always send us a drawing for the label you want.

Here is an example of ROTATION=1 effect



7.4 Multiple label printing

When using a classical A5 or A4 printer, you need adhesive paper and to use the **generate list** and **print list** buttons.

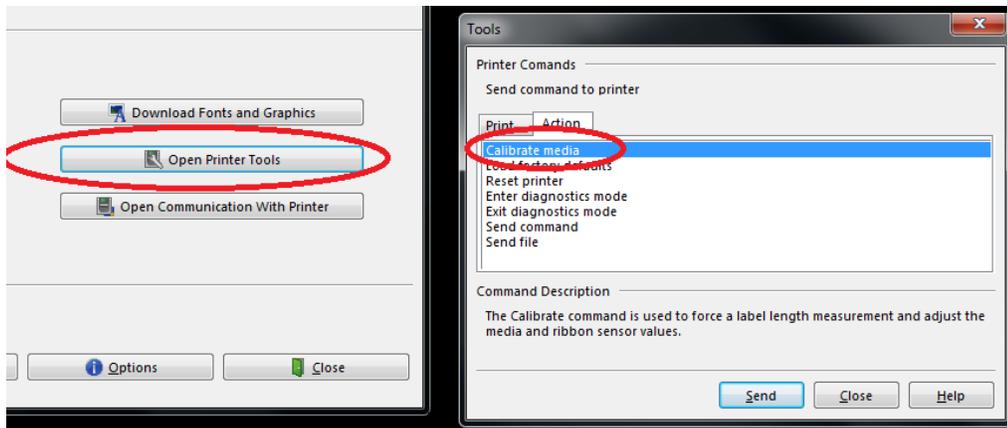
```
[ETIQUETTE]
PAS_HORIZONTAL=100      // Horizontal distance between two labels
PAS_VERTICAL=50        // Vertical distance between two labels
NB_HORIZONTAL=4        // Number of labels in a row
NB_VERTICAL=8          // Number of labels in a column
```

If you want to print a list with a single label printer, use the following setting:

```
[ETIQUETTE]
NB_HORIZONTAL=1
NB_VERTICAL=1
```

7.5 Zebra printers

Zebra printers are the best, but the installation software may not look familiar. By default, the EPL driver is installed and you have to go to the printer setting panel in your window to select the advanced settings and change the driver to the non EPL driver. Sometimes, to adjust the setting of the printer you have to install the Zebra printer utility.



The calibrate media function is very powerful. If it does not work, please ask Zebra for support.

7.6 Code 128 labels

The most powerful barcode coding is CODE128. It enables letters, uppercases and low cases, as well as many symbols. A lot of formats are already integrated into SIM.

Pre-defined SIM labels formats

You can select one of these formats with the parameter CODE128=XXX



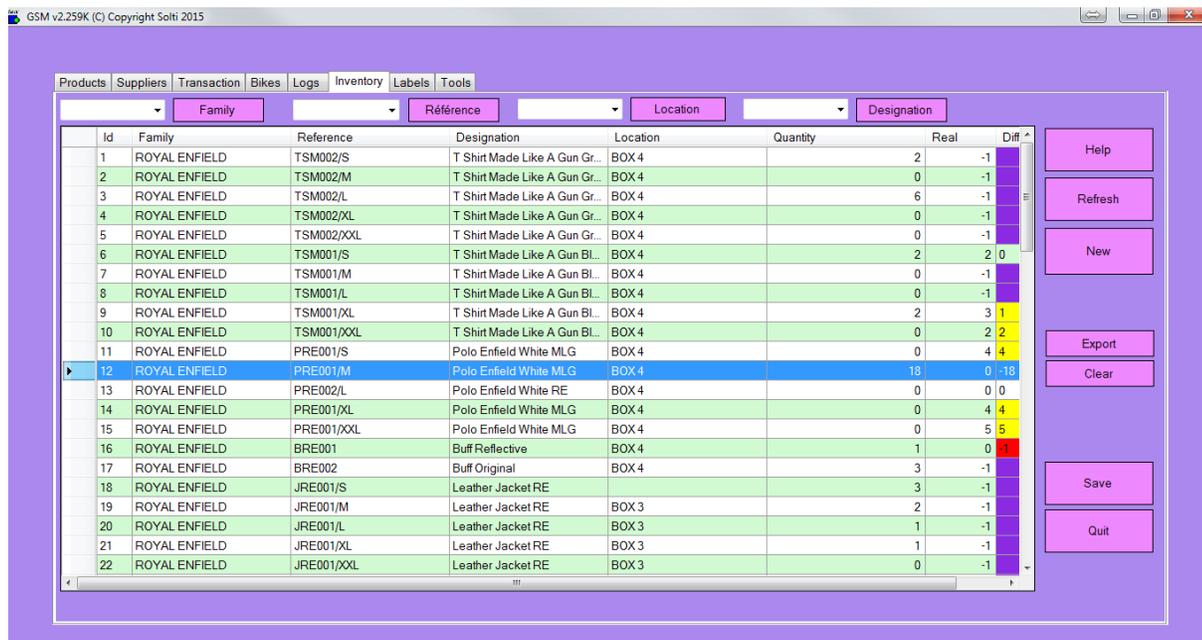
This is the list in May 2016. Please ask for specific labels.

8 Inventory tab

8.1 Display

The inventory tab is independent of the usual stock management. It is dedicated to inventory operation, performed on specific occasions to check if the theoretical stock, in the products tab, really matches with what can be seen in the warehouse. In order to check, this specific tab enables the following operations:

- To fill a list of products with theoretical quantities
- To enable the user to add actual quantities
- To display differences
- To update stock panel only for quantities that have been checked
- Quantities that have not been checked remain unchanged in the product tab



| Id | Family | Reference | Designation | Location | Quantity | Real | Diff |
|----|---------------|------------|-------------------------------|----------|----------|------|-------|
| 1 | ROYAL ENFIELD | TSM002/S | T Shirt Made Like A Gun Gr... | BOX 4 | | 2 | -1 |
| 2 | ROYAL ENFIELD | TSM002/M | T Shirt Made Like A Gun Gr... | BOX 4 | | 0 | -1 |
| 3 | ROYAL ENFIELD | TSM002/L | T Shirt Made Like A Gun Gr... | BOX 4 | | 6 | -1 |
| 4 | ROYAL ENFIELD | TSM002/XL | T Shirt Made Like A Gun Gr... | BOX 4 | | 0 | -1 |
| 5 | ROYAL ENFIELD | TSM002/XXL | T Shirt Made Like A Gun Gr... | BOX 4 | | 0 | -1 |
| 6 | ROYAL ENFIELD | TSM001/S | T Shirt Made Like A Gun BL... | BOX 4 | | 2 | 2 0 |
| 7 | ROYAL ENFIELD | TSM001/M | T Shirt Made Like A Gun BL... | BOX 4 | | 0 | -1 |
| 8 | ROYAL ENFIELD | TSM001/L | T Shirt Made Like A Gun BL... | BOX 4 | | 0 | -1 |
| 9 | ROYAL ENFIELD | TSM001/XL | T Shirt Made Like A Gun BL... | BOX 4 | | 2 | 3 1 |
| 10 | ROYAL ENFIELD | TSM001/XXL | T Shirt Made Like A Gun BL... | BOX 4 | | 0 | 2 2 |
| 11 | ROYAL ENFIELD | PRE001/S | Polo Enfield White MLG | BOX 4 | | 0 | 4 4 |
| 12 | ROYAL ENFIELD | PRE001/M | Polo Enfield White MLG | BOX 4 | | 18 | 0 -18 |
| 13 | ROYAL ENFIELD | PRE002/L | Polo Enfield White RE | BOX 4 | | 0 | 0 0 |
| 14 | ROYAL ENFIELD | PRE001/XL | Polo Enfield White MLG | BOX 4 | | 0 | 4 4 |
| 15 | ROYAL ENFIELD | PRE001/XXL | Polo Enfield White MLG | BOX 4 | | 0 | 5 5 |
| 16 | ROYAL ENFIELD | BRE001 | Buff Reflective | BOX 4 | | 1 | 0 1 |
| 17 | ROYAL ENFIELD | BRE002 | Buff Original | BOX 4 | | 3 | -1 |
| 18 | ROYAL ENFIELD | JRE001/S | Leather Jacket RE | | | 3 | -1 |
| 19 | ROYAL ENFIELD | JRE001/M | Leather Jacket RE | BOX 3 | | 2 | -1 |
| 20 | ROYAL ENFIELD | JRE001/L | Leather Jacket RE | BOX 3 | | 1 | -1 |
| 21 | ROYAL ENFIELD | JRE001/XL | Leather Jacket RE | BOX 3 | | 1 | -1 |
| 22 | ROYAL ENFIELD | JRE001/XXL | Leather Jacket RE | BOX 3 | | 0 | -1 |

8.2 Inventory definition

In the inventory list, some information concerning all the products of the stock tab is duplicated, completed by two columns specific to inventory.

| Field | Format | Description |
|------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| ID | Integer | Product identifier |
| Quantity | Decimal | Theoretical quantity in stock, from product tab |
| Real | Decimal | Actual quantity checked by user |
| Difference | Decimal | Automatically updated difference. Appears in red if actual stock is lower than theoretical, yellow if actual is higher and not colored if equal. |

8.3 Inventory tab buttons

| Button | Action |
|---------|----------------------------------------------------------------------------------------------------------------------------|
| Help | Opens the web browser on SIM web pages. |
| Refresh | Restores data from the database in the original form, after sorting data or to make sure that a networked base is updated. |
| Clear | Deletes all inventory data. |
| Export | Sends displayed data to an Excel file |
| Save | Updates stock quantities according to user's actual quantities |
| Save | Updates stock according to user's real/actual quantities |
| New | Initializes the inventory product list from stock's information. Makes sure previous data have been saved. |
| Quit | Exits application |

9 Tools tab

9.1 Display

The tool tab is separated into two sub-tabs. Depending on your chosen options, you can have more sub-tabs and more buttons in each sub-tab. Here we will describe the basics.

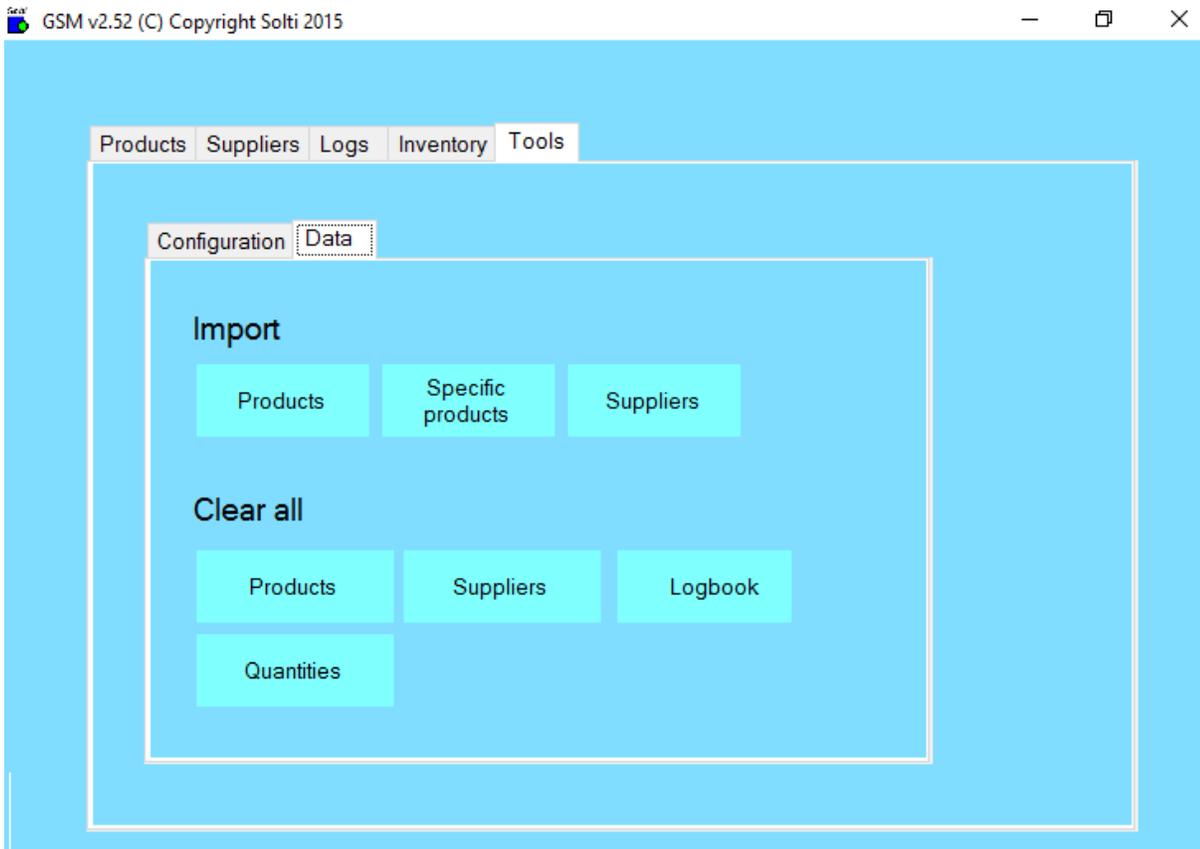
9.2 Tools Configuration tab



9.3 Configuration tab buttons

| Button | Action |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Edit | Opens a text file GSM.ini containing all parameters using the good old FILE.INI windows format. Parameters are grouped into [SECTIONS]. There is one parameter name and one value per line. |
| Restart | Restarts the application after a parameter change. |
| Clear | Deletes all inventory data, after user confirmation. |
| Files | Opens a file browser window to SIM folder. |
| Colors | You can change the color of SIM windows and SIM buttons. |

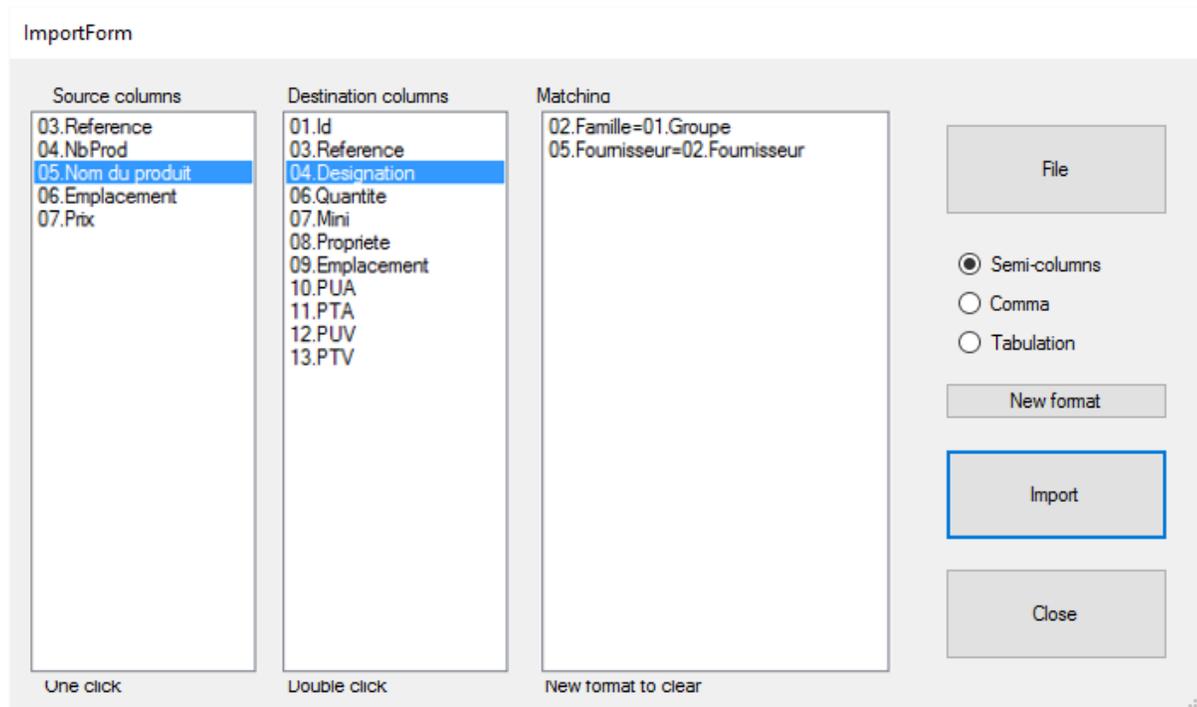
9.4 Tools Data tab



9.5 Data tab buttons

| Button | Action |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| Import | |
| Products | Lets you select a CSV file (text with columns separators) to import product data, according to SIM export format. |
| Specific Products | Lets you select a CSV files to import product data, under any format as explained hereafter. |
| Suppliers | Lets you select a CSV file containing the supplier's description. |
| Clear all | |
| Products | Removes all product descriptions and quantities in the database. Dangerous! |
| Suppliers | Removes all suppliers from database. |
| Logbook | Removes all logs from database. |
| Quantities | Sets all product quantities to zero. Dangerous! |

Here is the explanation for **Specific Products Import**:



1. Select the type of your file separator: Semicolon, Comma or Tab.
2. Open your file with the 'File' button
3. Column headers of your file are displayed next to the SIM columns. For example, as you can see on the image above, by clicking once on the name of the product in the source column on the left and then clicking twice on designation in the destination column, you can define how data will be copied. Here the SIM designation column will take the Group column values of your file. Do this for all columns that are requested by SIM. You do not necessary need to use all columns.
4. Press the Import button.

When you return to this screen, SIM will offer to re-use the latest format. In order to delete a line of the format, you must double-click on it.

CAUTION: Importing prices does not work if your columns contain \$ or another currency sign. We need the original cells to be in "number" format.

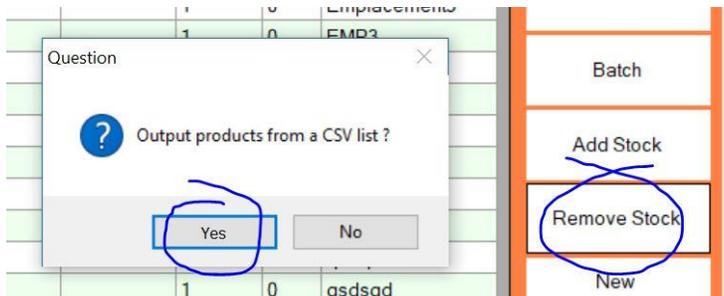
10 SIM Options

SIM is the best application to start professional inventory management. The basic version is made as simple as possible to get started easily. After a while, you may like to improve efficiency and add new features. Only some of the options are described here. Almost anything is possible with SIM: just ask.

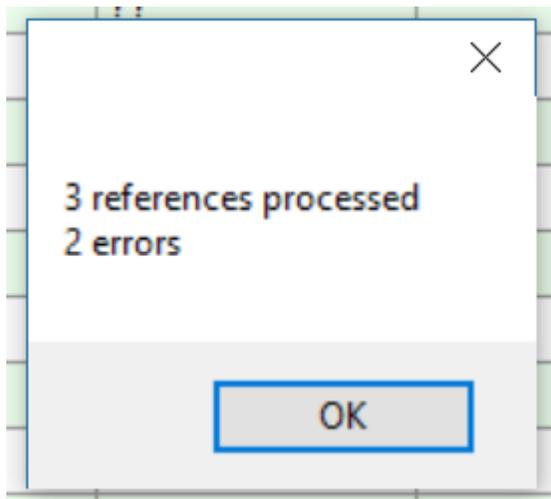
10.1 Using a list of products to remove

There is a parameter to add to your TOOLS/CONFIG/EDIT file that you have to “buy” from us.

Then the behavior of the REMOVE PRODUCT button will change as follow:



Answer YES and select any .CSV file from your disk containing REFERENCE,QUANTITY lines



A window will display the result of the operation. You can view the logbook to check the list of products.

11 How to do

11.1 Switching from the free to licensed version

The SIM license allows you to go beyond 40 products. When the software asks for a license code, just enter it. The software asks you to restart it, and at the next launch, you have the licensed software. To obtain a license number before the limit of 40, simply send us the serial number displayed with the HELP button. In any case you will not lose your data.

If the PC on which you wish to exploit the license is not the same, please preserve the GSM.mdb (database) file which contains your data, compatible with all versions of SIM.

11.2 Import data

You have just installed SIM, you wish to enter your data.

Even if you do not have a complete Excel file, but inventory of your stock has never been formalized, you will save time and be comfortable by following these steps:

1. In the PRODUCTS tab use the EXPORT button to get a CSV file
2. In this file, manually add or copy and paste your data
3. In the TOOLS / DATA tab, use the DELETE PRODUCTS button
4. On the TOOLS / DATA tab, use the IMPORT PRODUCTS button to embed your CSV file

The products are identified in the order of the CSV file. If you have difficulties, start with the exported CSV file without changing anything ... If the difficulties persist, send us your file. You get a CSV file in Excel by doing "Save As" ".CSV Separator Semicolon". Caution: Some Excel configurations use the tab or comma as a separator. Just beware and open the file with Notepad / BlocNote to remove ambiguities.

11.3 Add an option to SIM

The addition of an option to SIM is usually done by a simple setting that we will do with you. In some cases, the data format will be changed (tables or columns in addition). It will be necessary to carry out a data export, a modification of the file and an import. If you notice errors during an operation, it is probably because the format of the log has also changed, you will have to purge it in the TOOLS / DATA menu.

11.4 Networking

SIM is a Microsoft .Net application, and as such it can be deployed on virtually any type of infrastructure. Thus, multi-user operation is possible in all situations.

11.5 Intranet

If you have a Windows share (Private or Public Group), you must move the SIM folder, containing all files and subfolders to a shared folder. Caution, you need the editing rights! Inside the same local network, the response times compared to an installation on your PC are negligible. They seem better in cable network than in WIFI. The operation is similar with NAS such as FreeBox Revolution.

11.6 Extranet

If you have VPN or a Windows server, install SIM on this server. The Remote Desktop application available on Windows, Apple and even mobile phone will allow you to work, without however benefiting from all the facilities of file copies.

If you do not have a specific infrastructure, you can install the DropBox application on each of your PCs and place the SIM folder on a DropBox shared folder. The operation is perfectly satisfying if all the stations are connected permanently. Offline work is possible, very reliable on a single workstation when the others are not working, with possible loss of modifications if two workstations are working offline: to avoid.

The operation is similar with OneDrive, which is installed as standard since Windows 8.

11.7 Remote base

SIM is a very powerful software and very ergonomic because it makes the best use of the technologies available on your PC. Unlike WEB solutions that are penalized by languages more suited to esthetics than ergonomics, and especially penalized by the connection speeds that sometimes make their use impossible because of the load times of each page. The advantage of WEB solutions is the consultation of data from smart phones.

To benefit from the advantages of a WEB database accessible by HTML pages, SIM allows the use of a remote MYSQL database. Just set your SIM as for example:

[VARIOUS]

Connection1 = SERVER = 217182207237; DATABASE = GSM01; UID = Thomas; PASSWORD =; PORT = 3306

SOLTI can offer turnkey packages and specific WEB developments to complement your mobile phone with Internet access.

12 Advanced features

Since SIM is an open application based on standards such as Microsoft .NET, Access, SQL, Excel, there are many possibilities for installing, using and customizing it to suit your requirements, your information system or your network. Please contact us for more information.

12.1 Parameters

SIM parameters are stored in the text file GSM.ini. All parameters are gathered under the [divers] section. You only get a detailed description of the parameters once you have purchased a full licensed version.

The only thing you need to know is that parameters are grouped into sections with names in brackets:

[DIVERS]

[PRODUITS]

Within every section, each line contains one parameter, along with its name and value.

LICENCE1=23445

If you buy a license, you may have to edit and modify this file; we will help and support if necessary.

----- End -----

Your contact:

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Site: www.simple-inventory-manager.com