SIM User Guide

Version 15/10/2020

This document describes SIM version 4.8X from October 2020, but may also apply to previous or later versions.

Smart Inventory Manager is regularly updated.

To learn more about our updates, please consult our website at https://smart-inventory-manager.com

This manual is available at https://smart-inventory-manager.com/manual and from SIM with the F1 key

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1   Introduction

1.1   Efficient

SIM was developed for fast and easy implementation for all types of organization or activity. Our main focus is to provide our users with a simple but yet powerful inventory management solution that is user-friendly.

1.2   Robust

Unlike many inventory management solutions, 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 inventory, who are interested in real time availability, monitoring and supply. Easy use and ergonomics take precedence over administrative and financial aspects.

1.3   Scalable

Built using Microsoft.Net standard and 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 SIM remains simple, its architecture is customizable: you only pay and see what is useful to you.

1.4   International

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 French name GSM (Gestion de Stock Modulaire) may appear instead of SIM.

According to your country, to Windows and Microsoft Offices settings, you may have trouble with Excel files exchanges. Just call us and we will help you to configure SIM for your PC.

2 Getting started

2.1 Installation

The most outstanding attribute of SIM is that it is user-friendly. When installing SIM, it includes a directory that contains the necessary files in order for SIM to run on your PC. We recommend downloading the files from www.smart-inventory-manager.com

Download SIM for free

Note: SIM is completely virus free and poses no threat to your PC!

SIM also allows you to install SIM in a number of directories and cloud networks. For further help, please feel free to contact us for more information.

2.2 Automatic Installation

By installing this program, the files are copied from the SIM website into a directory of your choice on your PC, which by default is **Desktop/SIM**.
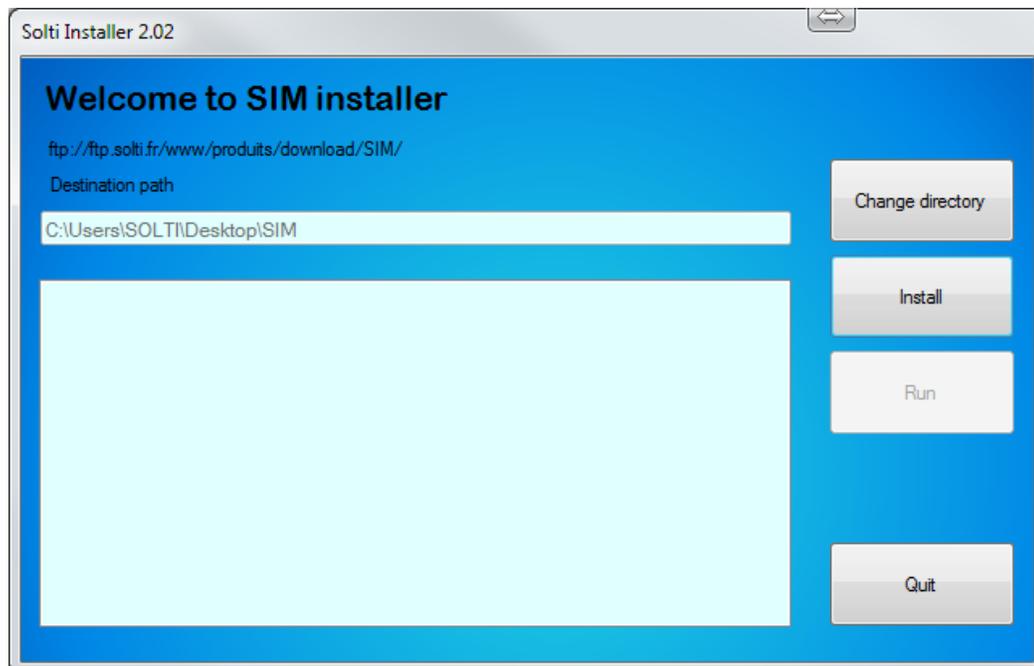
The **"Change directory"** button allows you to install it anywhere on your PC.

The **"Install"** button will perform the actual install. The "Launch" button will run SIM. You only need to create a shortcut on your desktop or taskbar.

2.3   ZIP Files

On our website, you will find a SIM.zip file to download. It is a compressed version of installation files for SIM. Step-by-step instructions for installing SIM is available on our 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. These tabs are presented like Microsoft Excel sheets.

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

2.5   Screen sections

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 which gives you several actions that can be executed 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.

11	ELECTRI...	10008	56/80A	LOCAL	1	0
12	ELECTRI...	10009	A2	CODEQ...	1	0
13	BALL MILL	10010	4.8MM	CAOTECH	7703	15
14	ELECTRI...	10011		CODEQ...	1	1
15	ELECTRI...	10012	110A 66...	LOCAL	0	0

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.

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 left or right. Double-clicking will set the column width to default width.

To save the column's 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, data is 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.

2.10 Searching Records

To facilitate working with large quantities of important data, the search box allows to display only records that match the selected criteria. For example, in order to search for all "MECHANICAL" type products, just type the word "MECA" in the Category box, and hit "Return" or the button on the right. Only the records from the category 'mecaxxxxx' appear. You can search on any column. The search os not case sensitive. An option enables to combine criteria.

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. This more efficient than an alphabetical list!
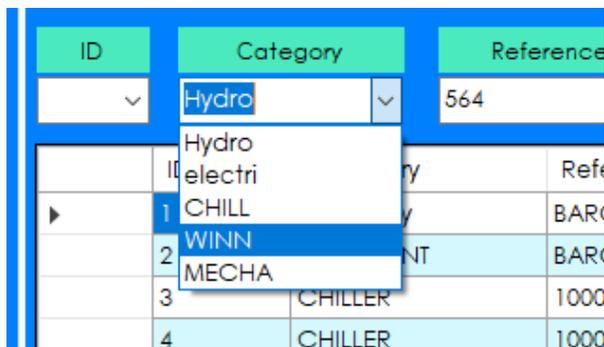
3 Product inventory tab

3.1 Display

The first tab is for daily operations: Incoming and outgoing inventory products. The "products" are all objects that can be found in inventory which carry the same references. The first tab displays the quantity of each product and products with a warning.

3.2 Mouse click

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

> **Add product**
> **Remove product**
> **Edit**
> **Create new product**
> **Print barcode**
> **Cancel**

Add and remove functions from the mouse right click moves only one reference at a time, Add and Remove buttons on the right side are used to move more than one reference at a time, and to print document.

3.3 Product tab buttons

Button	Action
Help	Opens the user manual for SIM on a web browser.
Refresh	Refreshes the current view.
Export	Send displayed data to an Excel file.
Alarms	Shows only products with quantity under threshold
Barcode	Opens a dialog window for scanning labels
Batch	Optional button to read barcodes from remote devices (PDA, smartphones)
Add stock	Opens a dialog window to add products into stock
Remove	Opens a dialog window to remove products from stock
New	Creates a new product reference
Edit	Edits the selected line to alter a reference
Quit	Exits the application

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3.4 Export

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

The CSV format exports the current displayed selection. CSV is the only possible format if you do Excel. CSV format may change according to your localization settings. A parameter IMPORT_CSV enables you to re-define the separator in case of a problem.

XLS and XLSX formats require Excel, and the export contains all the data base of products.

3.5 Product definition

Now let us see what "products" mean when using SIM. Here are the definitions of each product parameter:

| 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.
Category	String	To facilitate sorting, each product can have a category name associated. There are no pre-defined rules about how to choose a category name. No specific processing is done on category names because SIM uses ID and references. "Family" is sometimes use instead of category.
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 naming convention is the key for great user experience. **The reference is usually the barcode**. **It has to be unique.**
Description	String	This field is not critical for the data base engine, you may store in this field any information needed by users.
Supplier	String	The supplier name is taken from the supplier table, which can be modified in the Suppliers' tab. You don't need to use this field.
Quantity	Decimal	The number of actual products of the same reference in 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. Mini is specified when creating a new product.
Maxi	Decimal	Optional parameter. This is the maximum quantity you want to keep in stock.
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. With WMS options, the use of location is more complex.
UnitBuy	Decimal	This field contains the unit cost of the product, when added to

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		stock. Buying costs in not required. You can also use the CUMP feature to make use of the average value of the actual stock.
TotalBuy	Decimal	This is the product of U-Buy by Quantity for a specified product.
UnitSell	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.
TotalSell	Decimal	This is the product of U-Sell and Quantity for a specified product.

4 Barcode window

4.1 Principle

From the Product's 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 functions like keyboard extensions are called HID (Human Interface Device). Sometimes you have to set the NumLock to read correct data from USB.

You have to move the mouse cursor to the Input or Output textbox.
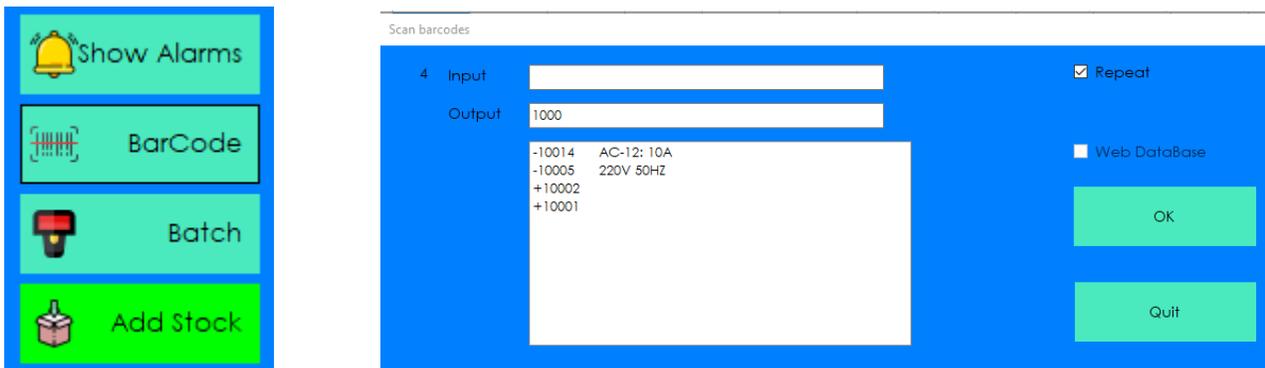
When you scan a barcode, text will appear automatically. A return character has to be sent by the reader, otherwise you have to use the OK button.

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.

When the barcode is not already defined in SIM as a reference, you can choose to create a new product or to ignore it.
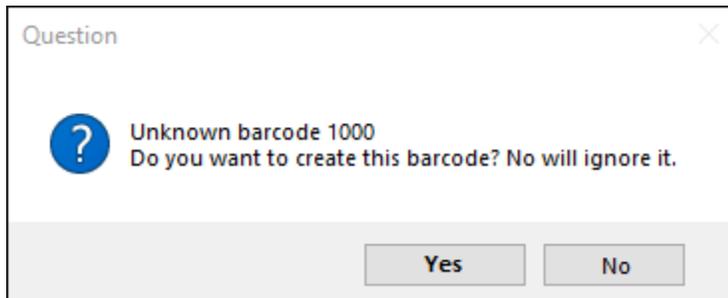
 This checkbox is an option to search the barcode description on the Web

5 Suppliers

5.1 Display

The suppliers' tab is used to keep track of supplier's information.

5.2 Suppliers tab buttons

| Button	Action
Refresh	Refreshes the current view.
Export	Send all data to an Excel file XLS or XLSX or selected lines to CSV
eMail	Sends an eMail to the selected contact
New	Creates a new supplier
Edit	Modify 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
Barcode	String	Used to identify the supplier with a barcode label
Address	String	To send letters and return material
Zip	Integer	Zip code
City	String	Location
Country	String	Country or state
Last Name	String	Family name of your main contact
First Name	String	First name of your main contact
Title	String	Main contact's job title
Tel1	String	Main phone number
Tel2	String	Phone number
Mail	String	eMail address
Fax	String	Fax

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6 Logs tab

6.1 Display

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

6.2 Log tab buttons

Button	Action
Refresh	Refreshes the current view.
Clear	Deletes all logs from database, after user confirmation.
Export	Sends displayed data to an Excel file
Print	Optional button to edit or print stock movement analyses
Modif	Optional button to edit the selected line
Quit	Exits application

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6.3 Log definition

We call 'movement' an operation that moves data into or out of stock. All movements are stored (logged) 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 are displayed 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
Category	Integer	Product category
ID_prod	Integer	Product ID
Reference	String	Product reference
Description	String	Product description
Supplier	String	Product supplier
Quantity	Decimal	Product quantity in stock
Movement	Decimal	Quantity moved
Mini	Decimal	Product minimum
Location	String	Location
UnitBuy	Decimal	Unitary buying price
TotalBuy	Decimal	Total buying price according to the movement quantity
UnitSell	Decimal	Unitary selling price
TotalSell	Decimal	Total selling price according to the movement quantity
Unit	String	Used to memorize packaging or storing conditions
User	String	Windows PC name or barcode user identifier
Project	String	Optional field when using destination projects
Client	String	Optional field when using destination clients

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7   Label printer tab

7.1   Display

This tab is used to design your own custom labels.
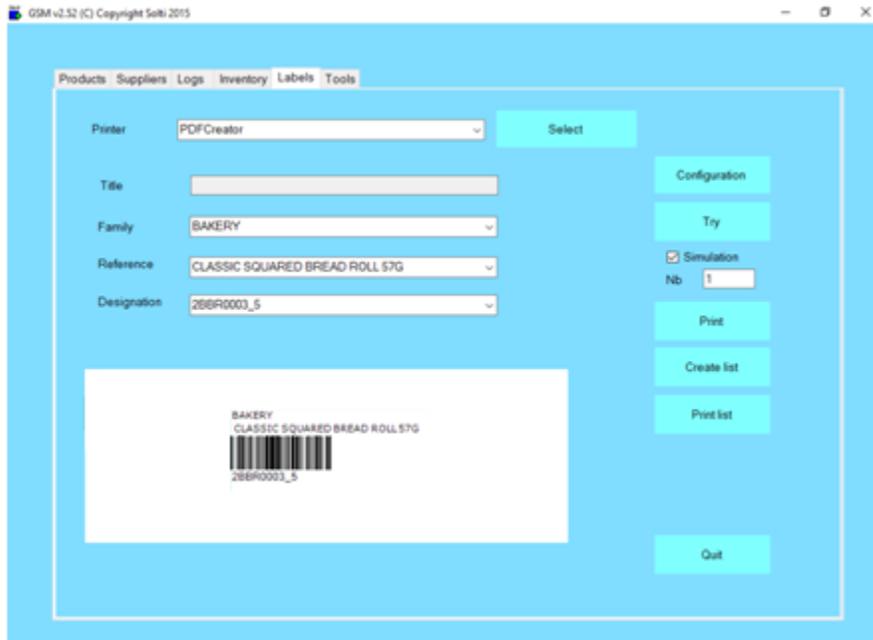
7.2   Log tab buttons

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 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
OFFSETY=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
X4=0                // Line 4 position, if any
Y4=16
ZOOM=5              // Optional parameter to use for fixed scale barcodes
```

A unit is usually half a millimeter. It depends on your type of printer. There is an unlimited number of possibilities. You can always send us a drawing of the type of label that you desire.

Here is an example of a label using ROTATION=1

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. 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.
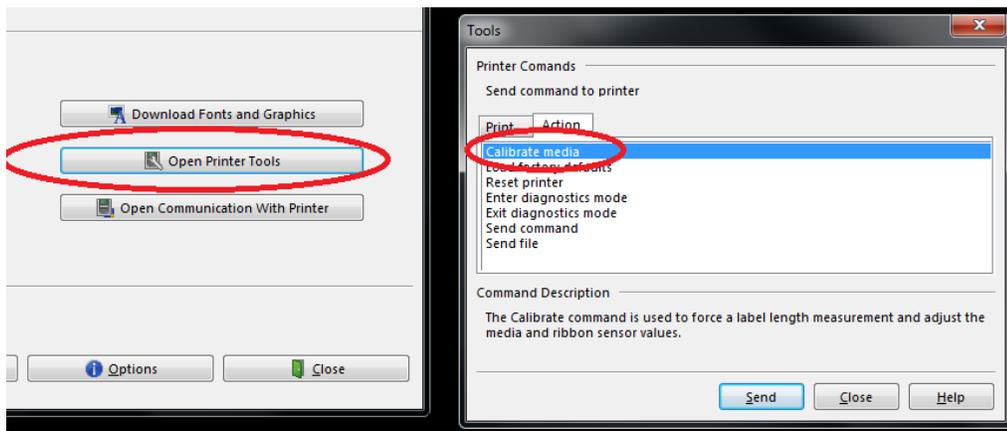
The calibrate media function is very powerful. If it does not work, please visit Zebra's website.

7.6 Code 128 labels

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

Pre-defined SIM labels formats

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

This label example was created long tiem ago. If you require specific labels, please let us know.

8 Networking and user's management

8.1 Sharing SIM

As SIM is using .Net Microsoft technologies, it is very simple to share your application through any kind of network. To access SIM interface from different PCs, you need to share the folder on a shared drive.

The shared drive can be a Windows Folder, A Windows server or some cloud storage like Dropbox or Google Drive.

8.2 Deployment

You need to verify that the target folder is sharable: each PC must be able to create or delete a text file on the folder. After this check, cut the SIM folder to paste it on this new location. The best is to have a folder named SOLTI containing all Solti Files, and one folder named SIM with the current version you are using. Do not hesitate to make copies of SIM as SIM – Copy 1, Copy 2… into the SOLTI folder.

Each PC that want to run SIM must create a shortcut to SIM.exe Application and paste it on his desktop or task bar.

8.3 User's management

With the parameter DIVER LOGIN 1 in your GAM.ini file each time you start SIM you will have to enter a login name and a password.

ETIQUETTE	Y3	16	
JOURNAL	OPTION	2	
PRODUITS	COLONNE2	CodeBarre	
PRODUITS	REF1	CodeBarre	
DIVERS	LOGIN	1	SIM asks for a name and password
DIVERS	LOGOUT	300	SIM automatically closes after 300 seconds = 5 minutes

The LOGOUT parameter sets the duration of a session, so that SIM closes automatically to prevent someone to use SIM on someone else's computer.
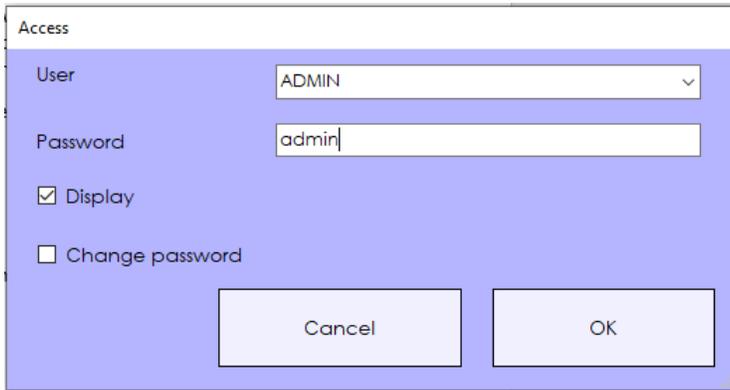
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From the login form, after having typed the right password, you can change for a new one.

8.4   Administrator

Each user has now a profile. A profile is a set of functions that are accessible or not. The users with the ADMIN right can set the rights of other users from the ADMIN form.

You find the ADMIN form in TOOLS/CONFIGURATION/ADMINISTRATION

9 Inventory Tab

The inventory tab is independent of general stock management. It is dedicated to inventory operations performed on ab

9.1 Display

The inventory tab is independent of general stock management. It is dedicated to inventory operations performed on specific occasions to check if the theoretical stock, in the products tab, really matches what can be seen in your 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

9.2 Inventory definition

In the inventory list, some information concerning all the products of the stock's 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's 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.

9.3 Inventory tab buttons

Button	Action
Help	Opens the web browser on SIM web pages.
Refresh	Refreshes the current view.
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

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10 Assemblies

Managing simple items is the first step. Sometimes, you need to group things together:

- Incoming goods are usually grouped in packs of N pieces
- Manufacturers have to assemble any parts to make one new object
- When you deliver a product, you sometimes need to joint a user manual, a set of accessories
- etc.

To make your process easier, SIM has the possibility to attach to one reference a list of components.

Cooking example of assembly: A cake is made of (1kg flour, 100g butter, 200g sugar, 3 eggs)

We talk about composition for the group of items, and components for items. Compositions and components are both SIM references with the full features of a reference. We just connect them with a link. A component can have components, but the assembly can be executed only step one step, one level at a time.

10.1 Tutorial

For this tutorial, we will use the example of a bicycle. We have all required parts in stock as described here.

ID	Category	Reference	Description	Quantity	Alarm	UnitBuy
1	BICYCLE	1000	Saddle men pure leather	100	0	50
2	BICYCLE	1002	Handlebar standard	50	0	20
3	BICYCLE	1003	Front Wheel	0	0	150
4	BICYCLE	1004	Back Wheel	40	0	160
5	BICYCLE	2000	Complete bicyle for men	0	0	0

Here is the Assemblies tab

Button	Action
Refresh Export New Modif	We find usual buttons
Qty	Number of compositions to create or destroy
Create	Creates composition from components
Destroy	De-assemble composition and add components to stock

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10.2 Define an assembly

With the Create button you can define a composition. Select the assembly name from existing product.

Select the components and the required quantity. Here, all quantities are 1.

A Price button is used to calculate and update the assembly UnitBuy price.

10.3 Make an assembly

Making is different from creating. Making is a simple job of assembling what has been planned.

Select the quantity to build and click CREATE.

The number of assemblies in stock will be updated in this screen and in the product inventory tab.

10.4 Result of an assembly

In the Log tab you can see that compositions have been added and components have been removed.

Type	Comment	Category	Reference	Description	Quantity	Movement
EOF	COMPO	BICYCLE	2000	Complete bicyle for men	4	4
SOF	COMPO	BICYCLE	1000	Saddle men pure leather	96	-4
SOF	COMPO	BICYCLE	1002	Handlebar standard	46	-4
SOF	COMPO	BICYCLE	1004	Back Wheel	36	-4
SOF	COMPO	BICYCLE	1003	Front Wheel	-4	-4

Type EOF means Entry of composition (Entrée de fabrication)

Type SOF means Output of components (Sortie de fabrication)

10.5 Destroying an assembly

The same process can be used backward: a bicycle can be exploded into separated parts when needed. A most frequent usage of "destruction" is to receive one unit of a box of N parts, that you expand to N components when the box is opened and removed from stock.
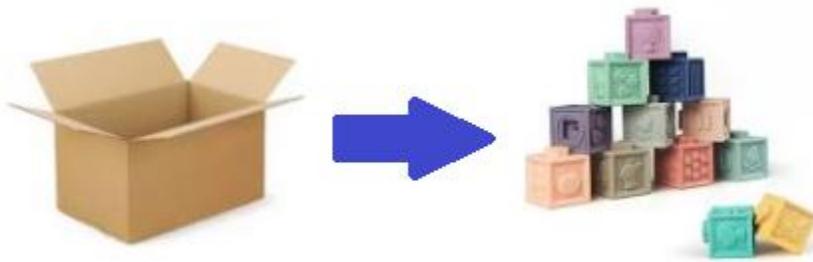
10.6 Manufacturing

The possibilities are unlimited. SIM has an option to organize assemblies in a timetable. In the real world, making an assembly can take days. SIM can manage that and help you to plan your production. Just ask.

11 Tools tab

11.1 Display

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

11.2 Tools Configuration tab

11.3 Configuration tab buttons

Button	Action
Edit	Opens a text file (GSM.ini) containing all parameters to customize SIM. 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 buttons.

11.4 Parameters

The power of SIM comes from about one hundred parameters that you can easily change to fit your needs. These parameters are contained in a text file GSM.ini that can be modified using NotPad. It is better for a beginner to use the EDIT button which opens the following window:

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GSM.ini

Here you can modify parameters or add one at the bottom of the list.

Section ▲	Parameter	Value	Comment
ETIQUETTE	Y1	0	
ETIQUETTE	X5	0	
ETIQUETTE	ROTATION	0	
ETIQUETTE	X4	56	PLease do not change
ETIQUETTE	CODE128	2	
JOURNAL	COLONNE10	Brand	Comment
JOURNAL	COLONNE9	Destination	
PRODUITS	REF1	Barcode	
PRODUITS	COLONNE4	4-Immobiliz...	
PRODUITS	REF4	Destination	Changed by DAVID 2019/9/11
PRODUITS	REF2	Brand	
PRODUITS	COLONNE5	5-Destination	
PRODUITS	COLONNE3	3-Brand	
PRODUITS	COLONNE2	2-Barcode	
PRODUITS	REF3	Immobilizati...	

Cancel

Save and exit

The left column is the parameter category. The next one is the name of the parameter. The next one contains the value of the parameter. The last columns is not used by SIM, you can store any comment in it.

The very last line of the table is empty you can add a parameter just by typing into it.

11.5 Tools Data tab
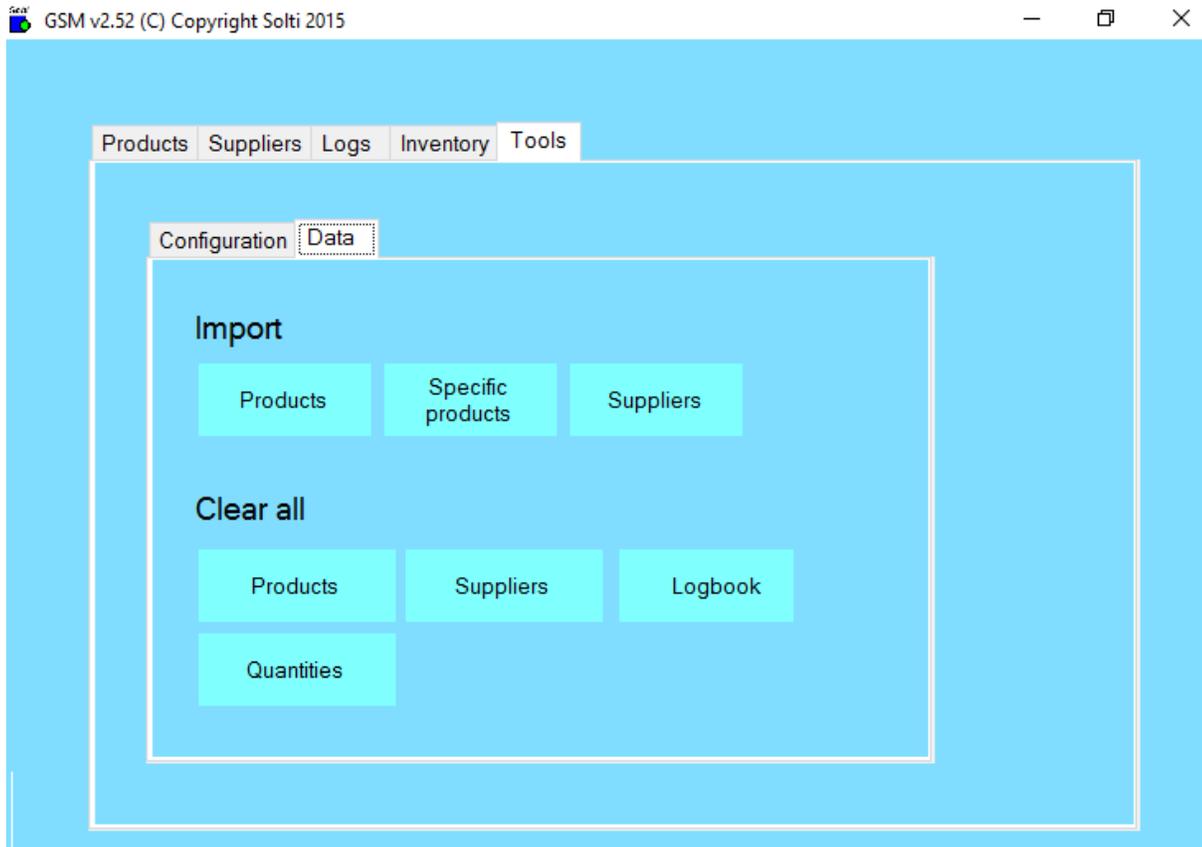
11.6 Data tab buttons

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**:
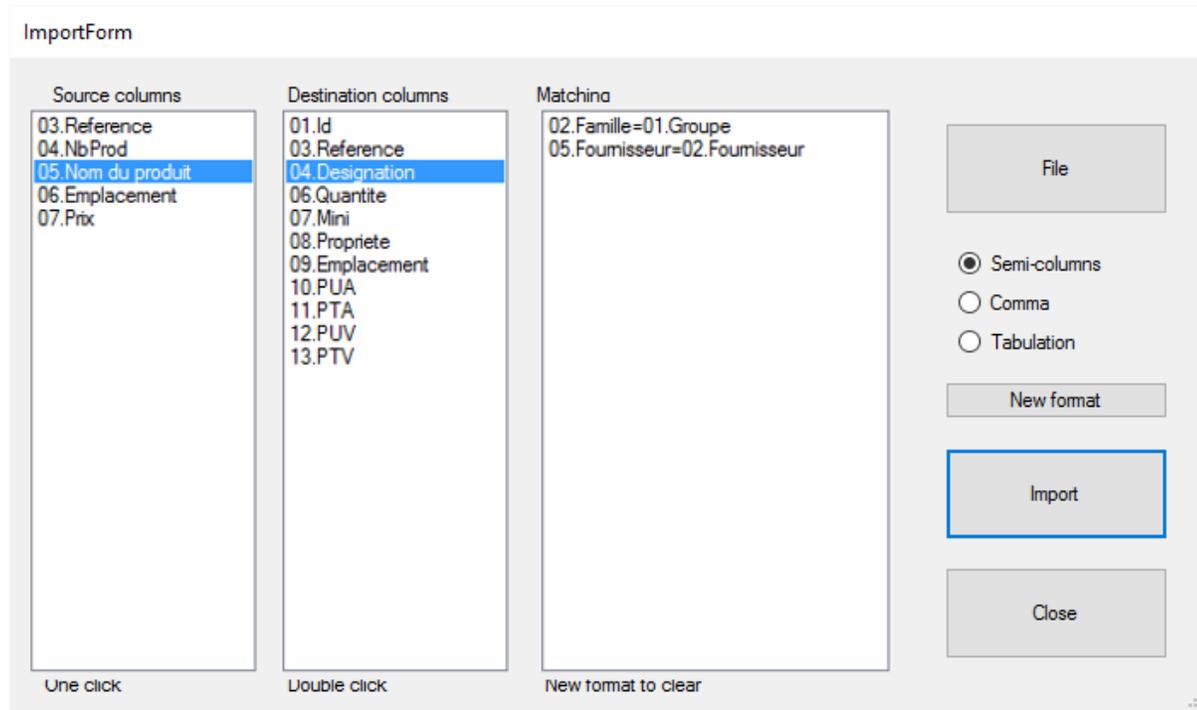
1. Select the type of your file separator: Semicolon, Comma or Tab.
2. Open your file by clicking the 'File' button
3. Column headers of your file are displayed next to the columns. For example, as you can see in the image above, by clicking once on the name of the product in the source column on the 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 required by SIM. All columns are not required.
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.

12 Customize SIM

12.1 Customize tab names

SIM data base is organized in tabs to make simple the product management fo most companies. Sometimes it may be necessary to change the name of the tabs. Here is how to proceed:

1. Go to TOOLS/SETTINGS/EDIT
2. On the left, enter the name of the tab you want to change
3. In the middle, enter the keyword PAGE
4. Int the right column, enter the new name of the tab

GSM.ini

Here you can modify parameters or add one at the bottom of the list.

Section	Parameter	Value	Comm
ETIQUETTE	NOMBRE	3	
ETIQUETTE	OFFSETX	0	
ETIQUETTE	OFFSETY	0	
PRODUITS	PAGE	Catalog	
Fournisseurs	PAGE	Provider	

12.2 Customize column names

The SIM data base is designed to be universal. The title of the columns: Category, reference, quantity, supplier, etc. have been chosen as a compromise to satisfy most the users. Of course you may want to change the names. Here is how to proceed.

1. Go to TOOLS/SETTINGS/EDIT
2. On the left, enter the name of the tab you want to change
3. In the middle, enter the name of the original name of the columns, preceded by "COL_". The name of the column is usually a French name that you can see typing "SELECT * FROM t_produits" with SQL option.
4. In the right columns, enter the new name.

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Here you can modify parameters or add one at the bottom of the list.

Section	Parameter	Value	Comment
PRODUITS	COL_REFERENCE	Barcode	
PRODUITS	COL_FAMILLE	Group	
PRODUITS	COL_PROPRIETE	Date	
PRODUITS	COL_REF2	Supl. Ref.	
ETIQUETTE	OFFSETY	0	
ETIQUETTE	X3	0	

To complete the job of renaming, you need to know the original name of the columns listed here:

Product table t_produits

ID, Famille, Reference, Designation, Fournisseur, Quantite, Mini, Propriete, Emplacement, PUA, PTA, PUV, PTV

Logbook table is t_journal

Id,Dates,Type,Commentaire,Famille,ID_prod,Reference,Designation,Fournisseur,Quantite,Mouvement,Mini,Emplacement,PUA,PTA,PUV,PTV,Utilisateur

12.3 Customize all texts

When you want mor changes in SIM, you can directly modify the text in the file messages.txt. Each line of this file is a text that you can find in SIM. You can change a line, but you should never insert or remove a line, as the line number is used by SIM to display texts.

The symbol # can be used to add a free comment that will be ignored by SIM
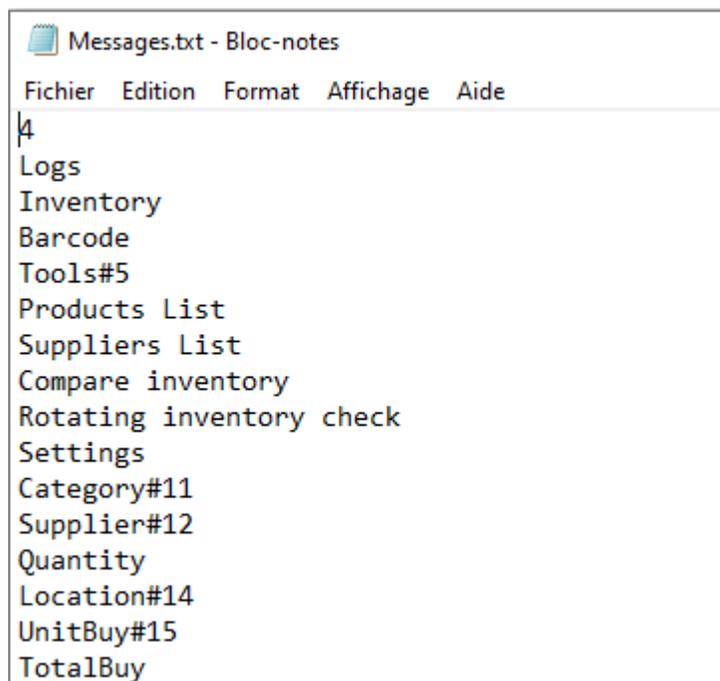
```
Messages.txt - Bloc-notes
Fichier  Edition  Format  Affichage  Aide
4
Logs
Inventory
Barcode
Tools#5
Products List
Suppliers List
Compare inventory
Rotating inventory check
Settings
Category#11
Supplier#12
Quantity
Location#14
UnitBuy#15
TotalBuy
```

The SIM data base is designed to be universal. The title of the columns: Category, reference, quantity,

13 How to do

13.1 Switching from the free to licensed version

The SIM license allows you to add unlimited 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 will have the full version. To obtain a license number before it reaches 40 references, simply send us the serial number displayed when you click the HELP button.

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

13.2 Import data

To import existing data, please these steps below carefully:

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 are having difficulties, start with the exported CSV file without changing anything ... If the problem still persists; please send us the file. To save your data in Excel as .CSV format , please choose the "Save As" ".CSV Separator Semicolon". Caution: Some Excel configurations use the tab or comma as a separator. Note: When opening the file with Notepad / BlocNote please remove any strange characters.

13.3 Add an option to SIM

To add additional options that are available with SIM, please contact us. In some cases, some data will be modified (adding columns or tables). It will be necessary to export your data , modify the file and then import your data. 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.

13.4 Networking

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

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13.5 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 will need editing rights! Using SIM on a local network, the response times compared to an installation on your PC are not noticeable.

If you have VPN or a Windows server, install SIM on this server. The Remote Desktop application available on Windows, Apple and even mobile phones will allow you to work remotely.

If you do not have a specific infrastructure, you can install Dropbox on each of your PCs and place the SIM folder on a Dropbox shared folder. The operation is perfect for all workstations that stay connected. You may work offline when using SIM, however single workstation usage is the best option. More than one workstation in offline mode may cause issues.

13.6 Remote base

SIM is a very powerful software and user-friendly because it makes the best use of technology available on your PC. Unlike WEB solutions that are restricted by language, especially restricted by connection speeds that sometimes make it almost impossible to use because of the load times of each page. The advantage of WEB solutions is smart phones access.

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 smartphone access.

14 Advanced features

Since SIM is an open application based on standards such as Microsoft .NET, Access, SQL, Excel, there are many options to suit your needs. Please contact us for more information.

14.1 Parameters

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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 provide support if necessary.

---------------- End ----------------------

Your contact:
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Site: www.smart-inventory-manager.com