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# GS1 Healthcare Barcode Scanner 4.4

## Quick Guide

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# Table of Contents

<b>1</b>	<b>Introduction .....</b>	<b>4</b>
<b>2</b>	<b>Registration .....</b>	<b>4</b>
<b>3</b>	<b>General overview of the system.....</b>	<b>5</b>
<b>4</b>	<b>Mobile application.....</b>	<b>6</b>
4.1	HBS on iOS .....	7
4.1.1	Login.....	7
4.1.2	Mode selector.....	7
4.1.3	Settings.....	8
4.1.4	Create new records - Manual input and scan .....	9
4.1.5	History .....	12
4.1.6	Digital Link mode.....	12
4.2	HBS on Android .....	14
4.2.1	Login.....	14
4.2.2	Mode selector.....	14
4.2.3	Settings.....	15
4.2.4	Create new records - Manual input and Scan.....	16
4.2.5	History .....	19
4.2.6	Digital Link mode.....	20
<b>5</b>	<b>The GS1 Healthcare Barcode Scanner website.....</b>	<b>21</b>
5.1	Registration, Login, Forgotten password.....	21
5.2	List and Record details.....	22
5.2.1	Record details .....	22
5.3	Survey.....	24
5.4	Statistics.....	26
5.4.1	Dashboard .....	26
5.5	Administration .....	28

## 1 Introduction

This document is a short guideline on how to use the **GS1 Healthcare Barcode Scanner (HBS)**.

This guide is for the application version 4.4.

Should you have any questions related to the mobile or web application, do not hesitate to contact us at [hds-support@gs1hu.org](mailto:hds-support@gs1hu.org).

## 2 Registration

Registration websites are available on the following URL: <https://hbsa.gs1.org/>

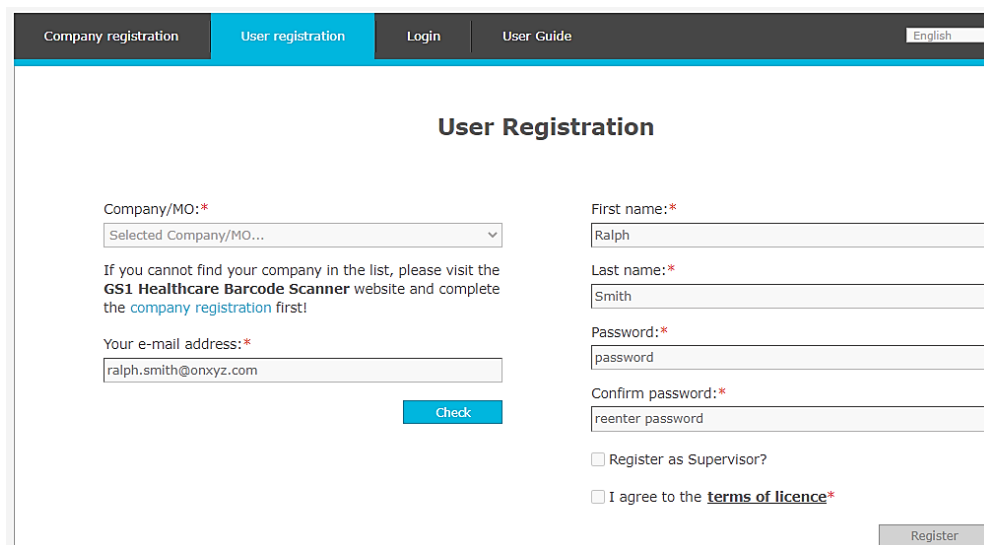
Registration process:

1. Fill out the **User registration form** on the **website** and click **Register**.
2. If you cannot find your company in the **Company/MO** list, go to the **Company registration** page and register your company first.
3. After completing the **User registration form**, an email will be sent to your account. Click on the activation link received from HBS Support. (If you wish to be your company's Supervisor, you can select this option during your registration process.

The Supervisor is responsible for creating surveys in the app and assigning users to these surveys. If you elect to be the Supervisor for your organisation and one already exists, you will be advised at the completion of your registration.

4. The HBS system administrator will review your data. You will receive a notification mail when your registration is completed.
5. Once you receive the notification email about the approval of your registration, you can log into the mobile application and website.

If you wish to identify the supervisor from your company, please check the **Contacts** menu on the website (available after login) to see the details of this person. If there is no supervisor at your company, please contact [hds-support@gs1hu.org](mailto:hds-support@gs1hu.org) and we will work with you to have a supervisor nominated.



The screenshot shows the 'User Registration' page with a navigation bar at the top containing 'Company registration', 'User registration' (highlighted), 'Login', and 'User Guide'. A language dropdown is set to 'English'. The main heading is 'User Registration'. The form includes the following fields and options:

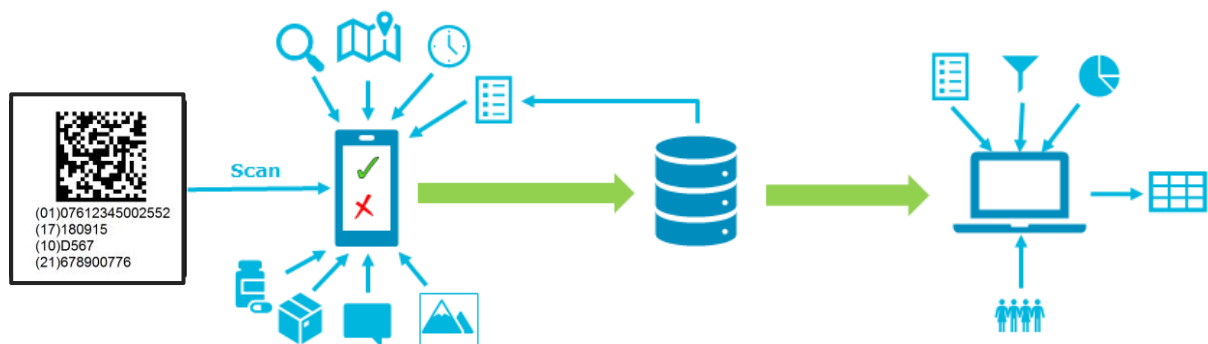
- Company/MO:\***: A dropdown menu with 'Selected Company/MO...' selected.
- First name:\***: Text input field containing 'Ralph'.
- Last name:\***: Text input field containing 'Smith'.
- Your e-mail address:\***: Text input field containing 'ralph.smith@onxyz.com'.
- Password:\***: Text input field containing 'password'.
- Confirm password:\***: Text input field containing 'reenter password'.
- Register as Supervisor?
- I agree to the **terms of licence\***

There are two buttons: a blue 'Check' button below the email field and a grey 'Register' button at the bottom right.

### 3 General overview of the system

The **GS1 Healthcare Barcode Scanner** is a system composed of three main components.

1. Mobile application with the following main functions:
  - Barcode scanning (or entering barcode content manually)
  - Checking encoding of barcodes and 2D codes against the rules of [GS1 General Specifications](#)
  - Creating records by adding extra information to the scanned barcode (e.g. scan time, scan location, product category, images, comments etc.)
  - Grouping records into surveys
  - Uploading records to the cloud-based server (therefore making them available on the HBS website)
  - Retrieving the history of the uploaded records
  - GS1 Digital Link: accessing one or more pieces of digital information about items via scanning barcodes
2. Cloud-based server to store the uploaded records and manages user rights. It is connected both to the mobile application and website.
3. Website with the following main functions:
  - Company and user registration
  - Retrieving the history of the uploaded records, applying filters
  - Survey management
  - Retrieving statistical information based on uploaded records
  - Export images into .zip file
  - Export records into CSV (Excel)

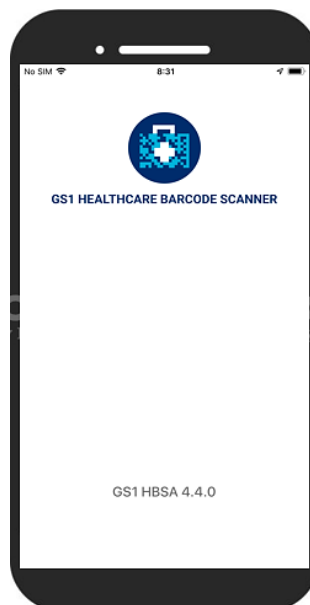


## 4 Mobile application

The mobile application is available on iOS and Android. This can be downloaded from **AppStore** or **Google Play**.



**Note:** Because of the specialties (e.g. UI design principles) of the Android and iOS operation systems, the screens of HBS application running on these two platforms slightly differ. For this reason, we are presenting the usage of the application on Android and iOS platforms in separate subchapters.



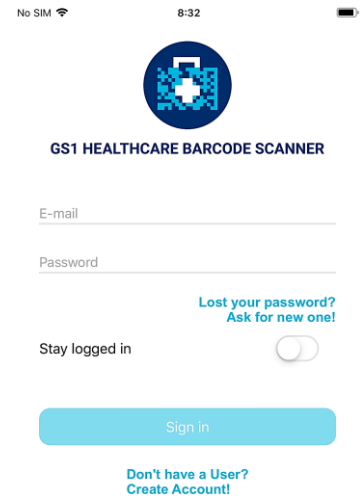
## 4.1 HBS on iOS

### 4.1.1 Login

Use **GS1 Healthcare Barcode Scanner** with your own account: login name (email address) and private password, then click the **Sign in** button.

**Note:** At first login, a disclaimer appears that must be accepted in order to use the application: 'To verify the physical parameters of your GS1 barcode, for example x-dimension, height, print quality, please contact your local [GS1 Member Organisation](#).'

**Note:** To stay logged in select the 'slider button' on the right of the screen.



#### 4.1.1.1 Forgotten password

If you have forgotten your password, you can recover it using the **Lost your password?** function on the **Login** screen.

### 4.1.2 Mode selector

After login there is a mode selector for the application. You can choose the following modes:

- **Check mode**
- **Survey mode**
- **Demo survey mode**
- **Digital link mode**

In **Check mode** you can scan and check the encoding of barcodes against the GS1 General Specifications one by one then upload them to the HBS server.

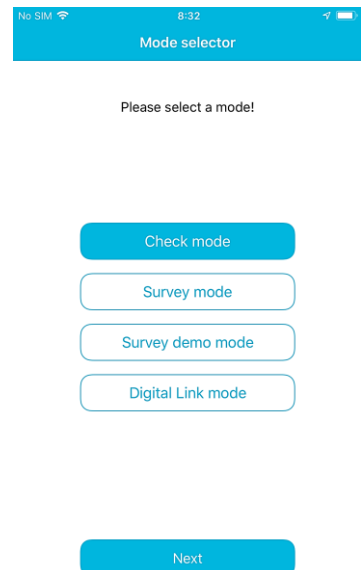
In **Survey mode** you can group together records which are scanned at a specific site. There are 3 other values which you can set to each scan:

- Packaging level
- Product category
- Internal code

For more information on how to set up a survey, please see [section 4.3](#)


In **Survey demo mode** all the features of the **Survey mode** are available except the **Upload** function. In this mode you can try the Survey mode without uploading the survey records to the website.

In **Digital Link mode** you can scan a GS1 barcode (e.g., attached to a pharmaceutical or medical device) and access one or more pieces of digital information about that item. (The user connects, via a [Digital link](#) resolver, to the target digital content.)



### 4.1.3 Settings

Before you start scanning barcodes, please carefully check the **Settings** and make any necessary changes.

	<p>Choose from the list the <b>Check Mode</b>, <b>Survey Mode</b>, <b>Survey Demo Mode</b> or <b>Digital Link Mode</b>.</p>
<p>Mode selector      Check Mode</p>	<p>←</p>
<p>Product Category      Medicinal Product</p>	<p>←</p>
<p>Stay logged in On <input checked="" type="checkbox"/></p>	<p>←</p>
<p>Use Touch ID On <input checked="" type="checkbox"/></p>	<p>←</p>
<p>Language      English</p>	<p>←</p>
<p>Language version English</p>	<p>←</p>
<p>Scanning environment Regulated healthcare trade items #417#</p>	<p>←</p>
<p>Default location GS1 AISBL main premises</p>	<p>←</p>
<p>Scan image Attached by default <input type="checkbox"/></p>	<p>←</p>
<p>History row limit      20/page</p>	<p>←</p>
<p>Image size 1.98 MB      <b>Clear cache</b></p>	<p>←</p>
<p>Digital Link access resolver-dv1.gs1.org</p>	<p>←</p>

**Note:** **Scanning environments** are based on the GS1 General Specifications. The default value of scanning environment set in the application is Regulated healthcare trade items.

**Note:** An additional feature of mobile application is the possibility to send a report about a barcode that is not encoded in line with GS1 standards from the user to the relevant GS1 MO supervisor via email. This operation can be performed if the status of the scan is '**Non-standard**', and the scan contains at least one GS1 ID Key.

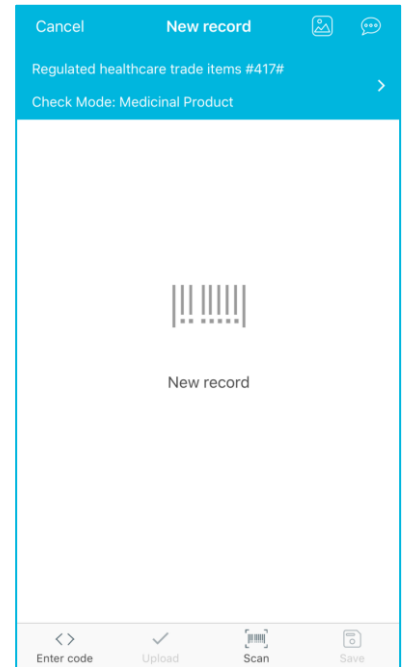


#### 4.1.4 Create new records - Manual input and scan

In order to create a new record, choose **+** on the **History** screen, then click on the barcode in the centre of the **New record** screen.

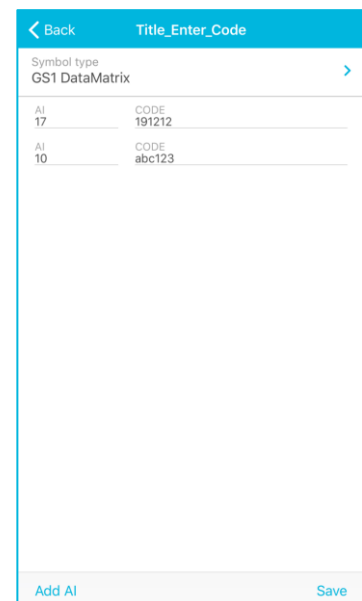
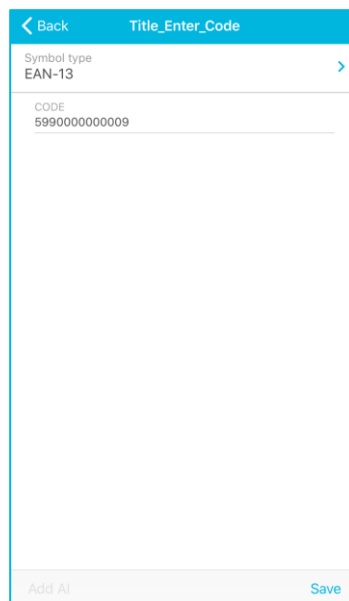
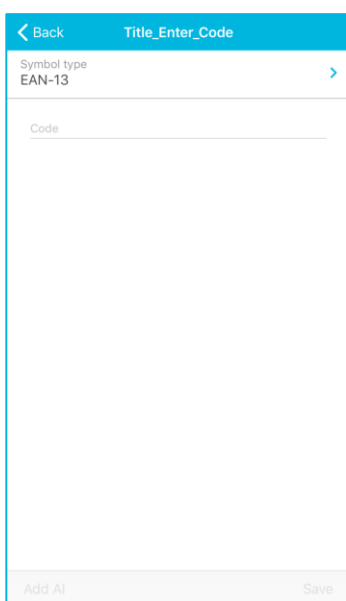
You can add one or more barcodes to the record manually (by clicking the **Enter code** button) or via scanning (by clicking the **Scan** button) on the bottom of the screen. This is an important function in survey mode when there are multiple barcodes on a product.

To finish a record, select **Save**.

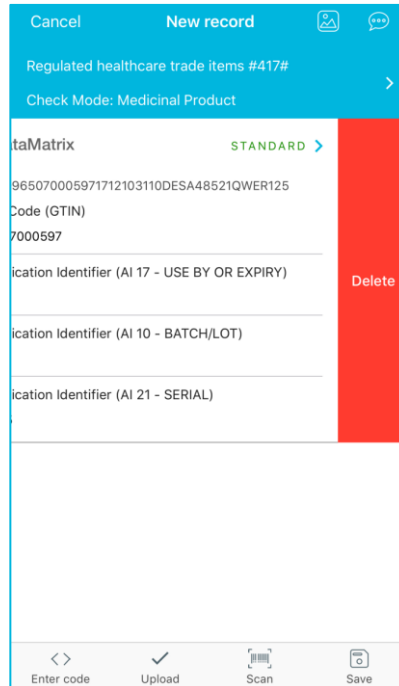


Manual input is used if the barcode won't scan. In case of manual input, first you must select the symbol type, then type in the data content. If you need to enter multiple data elements (AIs), the process is the following:

1. Select AI (Application Identifier), if applicable (e.g. there is no need to enter an AI in case of EAN/UCC symbols).
2. Click into the **Code** field on the right of the selected AI.
3. Enter code for the AI.
4. Click the **Add AI** button at the bottom of the screen.
5. Select the next AI.
6. In case you entered all the necessary data elements (AIs + data), click the **Save** button.



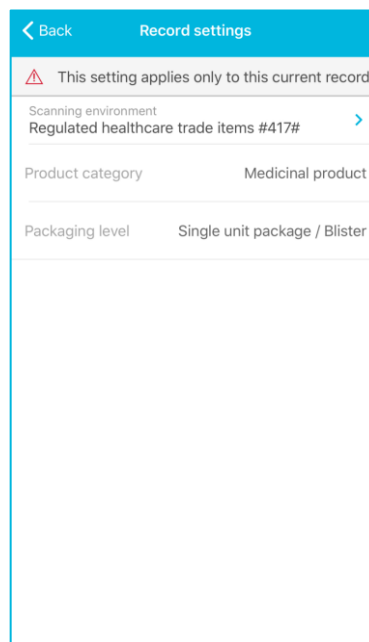
You can delete the entered barcode by using the swipe left function.



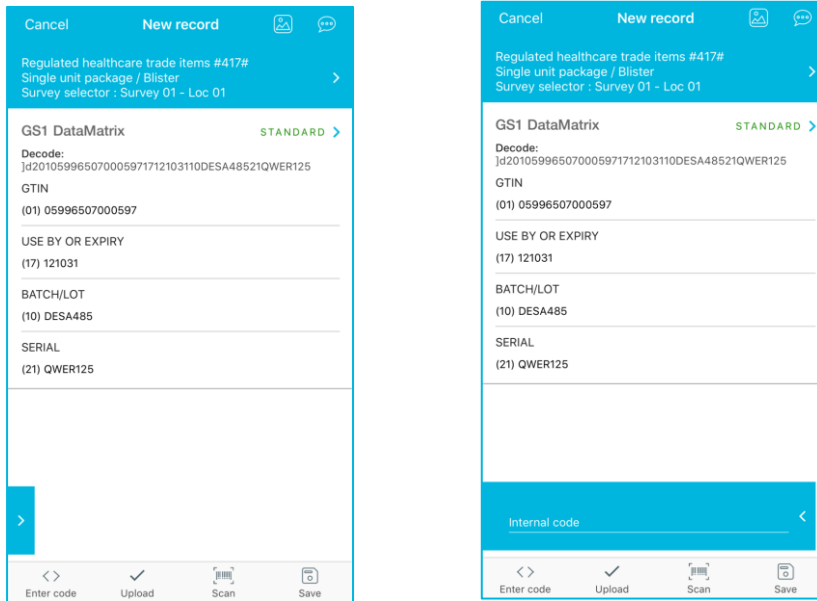
You can change the following settings on the **New record** screen:

- In **Check mode**: scanning environment and product category can be modified.
- In **Survey mode** and **Demo mode**: scanning environment, product category and packaging level can be modified.

**Note:** Changes made in the New Record screen apply the settings above only to the current record. For a permanent setting changes, see the Settings menu.



You can add maximum three photos and one comment to each record by clicking on the icons at the top right corner of the **New record** screen.



In **Survey mode** you can add an internal code to the record by clicking on the arrow at the bottom left corner of the screen.

You can save the record on the device for future batch upload (click **Save** button) or you can upload it immediately by clicking **Upload** button. You can cancel the current record by clicking **Cancel** button.

**Note:** To record a product with no barcode, go to the new record screen, add a comment or maximum 3 photos and **Save** or **Upload** your record.



If the scanned barcode is not in line with the GS1 Standards, you can advise the GS1 Member Organisation that issued the global company prefix contained in the GS1 barcode about encoding issues. Pressing the Send report button, an email (containing your contact email address for mor information), will be sent to the relevant GS1 member Organisation.

### 4.1.5 History

The **History** screen is the main screen of the application. This is what is displayed after a successful scan, and from this menu creating a new record or adjusting settings can be initiated.

**CHECK** History

Waiting for upload | Uploaded records

SCAN HISTORY

(01) 12345678901231 Nov 27, 2020, 19:39 Esztergom	NON STANDARD	Report icon (blue)	If the record is reported to the relevant MO, the report icon changes to blue. Otherwise, it is grey.
(01) 0345312000011 Nov 27, 2020, 19:32 Esztergom	STANDARD	Comment icon (blue)	If the record has a comment, the comment icon changes to blue. Otherwise, it is grey.
(01) 05990000000009 Nov 27, 2020, 15:18 Esztergom	NON STANDARD	Camera icon (blue)	If an image is attached to the record, the camera icon changes to blue. Otherwise, it is grey.
(01) 12345678901231 Nov 27, 2020, 15:17 Esztergom	NON STANDARD	Report icon (grey), Comment icon (grey), Camera icon (grey)	
(01) 12345678901231 Nov 11, 2020, 10:48 Survey 02	NON STANDARD	Report icon (grey), Comment icon (grey), Camera icon (grey)	Shows if the record was made in <b>Normal</b> or in <b>Survey</b> mode.
(01) 12345678901231 Nov 11, 2020, 10:46 Survey 02	NON STANDARD	Report icon (grey), Comment icon (grey), Camera icon (grey), + icon (blue)	

History | Settings | Profile | Support

The **History** function is a chronological list of earlier created records. Here the user can also apply filters that help us narrowing the list accordingly.

You can switch between the list of uploaded records and the list of the records waiting for upload at the top of the **History** screen.

The records waiting for upload are editable – you can delete them (swipe) or you can click on the record and you will get to the **New record** screen to make any edits.

The records already uploaded to the server cannot be edited, but you can add new photos and comments.

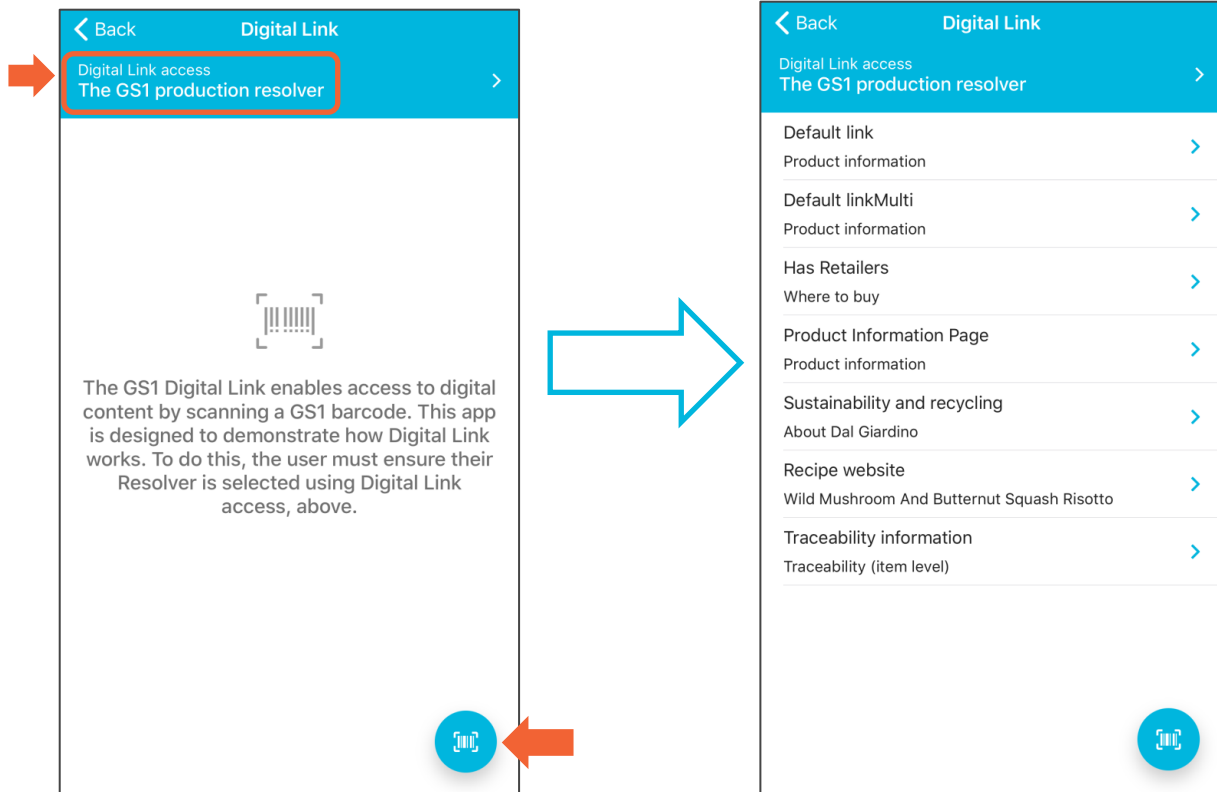
### 4.1.6 Digital Link mode

The GS1 Digital Link enables access to digital content by scanning a GS1 barcode. The Digital Link mode is designed to demonstrate how Digital Link works. In **Digital Link mode** you can scan a GS1 barcode (e.g.,

attached to a pharmaceutical or medical device) and access one or more pieces of digital information about that item.

As a first step, select the Resolver through which the item information is to be accessed. Use the **Digital Link access** settings. To learn more about how to connect to a Digital Link Resolver see the following URL: <https://www.gs1.org/standards/gs1-resolver-service>

In order to get information about an item, scan a GS1 barcode (e.g. GS1 Data Matrix) by tapping on the **Scan** button. If information is available on the Resolver server, the app will display the list of URLs where the different types of item information (e.g. product data, traceability information, related documents etc.) are available.



## 4.2 HBS on Android

### 4.2.1 Login

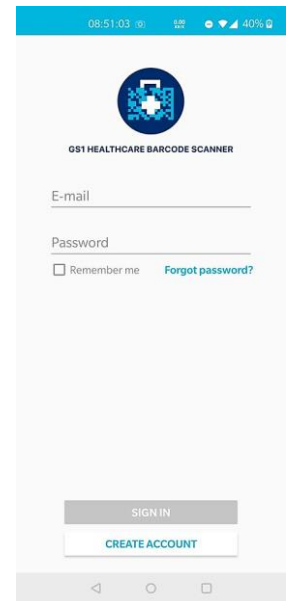
Use **GS1 Healthcare Barcode Scanner** with your own account: login name (email address) and private password, then click the **Sign In** button.

**Note:** At first login, a disclaimer appears that must be accepted in order to use the application: 'To verify the physical parameters of your GS1 barcode, for example x-dimension, height, print quality, please contact your local GS1 Member Organisation.'

**Note:** To stay logged in select the 'slider button' on the right of the screen.

#### 4.2.1.1 Forgotten password

If you have forgotten your password, you can recover it using the **Forgot password?** function on the Login screen.



### 4.2.2 Mode selector

After login there is a mode selector for the application. You can choose the following modes:

- **Check mode**
- **Survey mode**
- **Survey demo mode**
- **Digital link mode**

In **Check mode** you can scan and check the encoding of barcodes against the GS1 General Specification one by one then upload them to the HBS server.

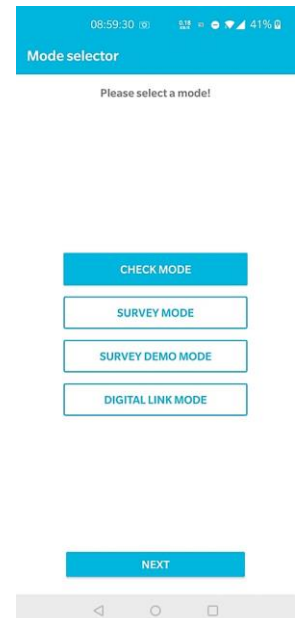
In **Survey mode** you can group together records which are scanned at a specific site. There are 3 other values which you can set to each scan:

- Packaging level
- Product category
- Internal code

For more information on how to set up a survey, please see [section 4.3](#)

In **Survey demo mode** all the features of the **Survey mode** are available except the **Upload** function. In this mode, you can try the **Survey mode** without uploading the survey records to the website.





In **Digital link mode** you can scan a GS1 barcode (e.g. attached to a pharmaceutical or medical device) and access one or more pieces of digital information about that item. (The user connects, via the Digital link resolver, to the nominated digital content.)



### 4.2.3 Settings

Before you start scanning barcodes, please carefully check the **Settings** and make any necessary changes.

Settings		
Mode selector <b>Check Mode</b>	▼	← Choose from the list the <b>Check Mode, Survey Mode, Survey Demo Mode</b> or <b>Digital Link Mode</b> .
Product category <b>Medicinal Product</b>	▼	← You can choose product category here from the dropdown list. This is then set as the default for all products scanned, unless changed.
Stay logged in <b>On</b>	<input checked="" type="checkbox"/>	← Select <b>On</b> and you do not have to log in each time you launch the application.
Language <b>English</b>	▼	← Choose your <b>Language</b> from the drop-down list.
Language version <b>English (3/19/2019)</b>		
Scanning environment <b>Environment.GenericLogisticDistribution Healthcare item Regulated healthcare trade items #417#</b>	⚙️	← See a list of <b>Scanning environments</b> .
Default location <b>Brussels</b>	📍	← Set your <b>Default location</b> .
Scan image <b>Off</b>	<input type="checkbox"/>	← Select <b>On</b> and the app automatically takes an image of the barcode you are scanning.
History row limit <b>20 / page</b>	▼	← Choose between 20, 40 or 80 rows per page.
Digital Link access <b>Any base URL</b>	⚙️	← Choose a Digital Link resolver URL

 History
 Settings
 Profile
 Support

**Note: Scanning environments** are based on the GS1 General Specifications. The default value of scanning environment set in the application is **Regulated healthcare trade items**.

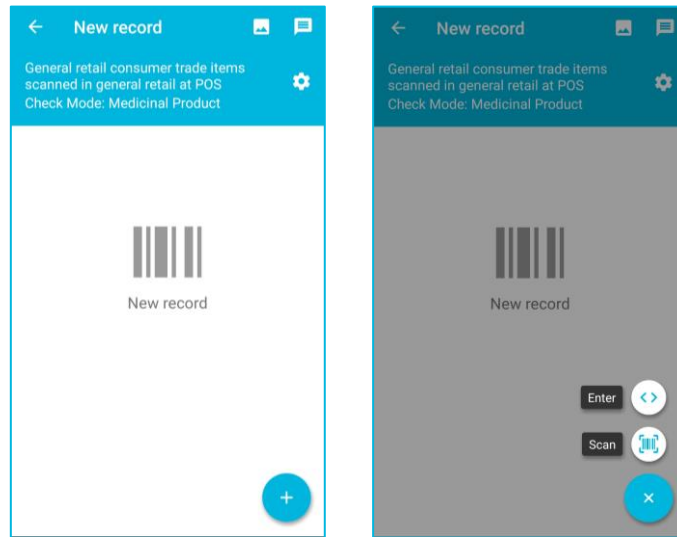
**Note:** An additional feature of the mobile application is the possibility to send a report about a barcode that is not encoded in line with GS1 standards from the user to the relevant GS1 MO supervisor via email. This operation can be performed if the status of the scan is '**Non standard**', and the scan contains at least one GS1 ID Key.

#### 4.2.4 Create new records - Manual input and Scan

In order to create a new record, choose **+** on the **History** screen, then click **Scan** button on the **New record** screen

You can add one or more barcodes to the record manually (by clicking the **Enter** button) or via scanning (by clicking the **Scan** button). This is an important function in **Survey mode** when there are multiple barcodes on a product.

To finish a record, select **Save**.

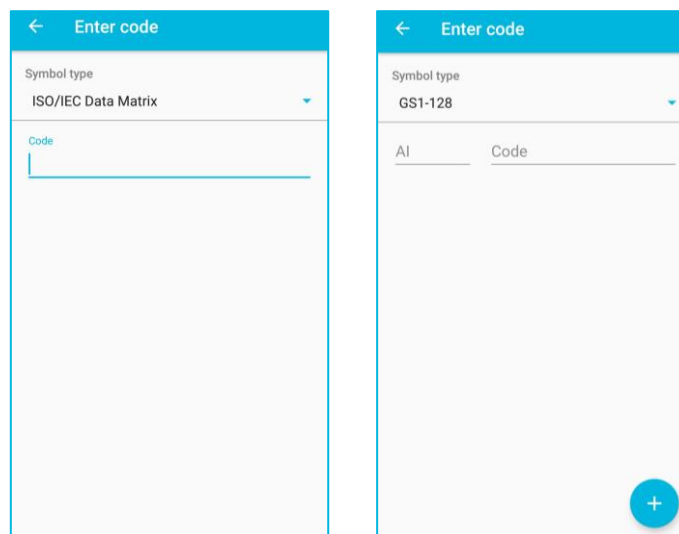


Manual input is used if the barcode won't scan. In case of manual input, first you must select the symbol type, then type in the data content.

If you need to enter multiple data elements (AIs) the process is the following:

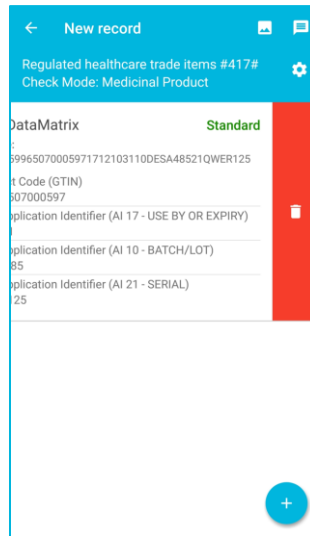
1. Select AI (Application Identifier), if applicable (e.g. there is no need to enter an AI in case of EAN/UCC symbols).
2. Tap into the **Code** field on the right of the selected AI.
3. Enter code for the AI.
4. Click the **+** button at the bottom of the screen.
5. Select the next AI.

In case you entered all the necessary data elements (AIs + data), click the **←** button at the top left corner of the screen.





You can delete the entered barcode by using the swipe left function.



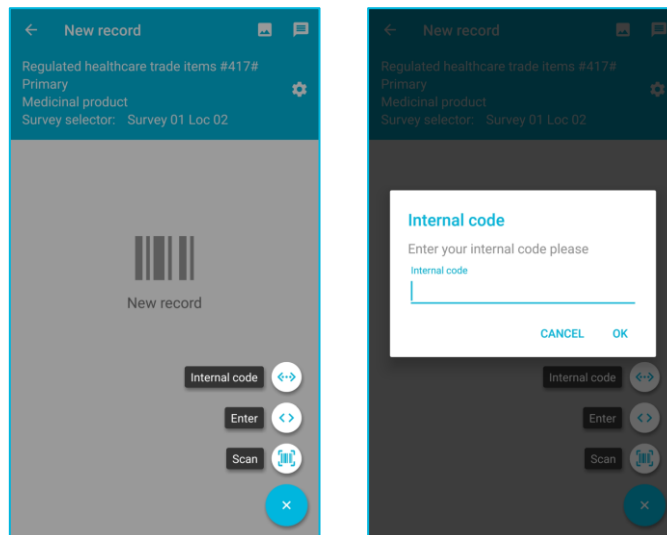
You can change the following settings on the **New record** screen:

- In **Check mode**: scanning environment and product category can be modified.
- In **Survey mode** and **Demo mode**: scanning environment, product category and packaging level can be modified.

**Note:** Changes made in the New Record screen apply settings above only to the current record. For a permanent setting changes, see the **Settings** menu.

You can add maximum three photos and one comment to each record.

In **Survey mode** you can add an internal code to the record by tapping on the **Internal code** icon.



You can save the record on the device for future batch upload (click **Save** button) or you can upload it immediately by clicking the **Upload** button.

**Note:** To record a product with no barcode, go to the new record screen, add a comment or maximum 3 photos and **Save** or **Upload** your record.

**New record**

General retail consumer trade items scanned in general retail at POS  
Check Mode: Medicinal Product

**EAN-13** Standard

Decode:  
]E08594062351597

Product Code (GTIN)  
8594062351597

Save

Upload

Enter

Scan

Add maximum three photos to the record.  
 Add a maximum of one comment to each record.  
 Save the record for future (batch) upload.  
 Upload the record immediately to the server.  
 Add further barcodes to the record manually.  
 Add further barcodes to the record by scanning.

**New record**

Regulated healthcare trade items  
Check mode: Medicinal Product

Unreported

**SEND REPORT**

**GS1-128** Non standard

Decode:  
]C10105990000000091114010113131231

**Error in the barcode**

Relational Errors

Date time error  
(13) 131231  
(11) 140101

Product Code (GTIN)  
0599000000009

GS1 Application Identifier (AI 11 - PROD DATE)  
140101

GS1 Application Identifier (AI 13 - PACK DATE)  
131231

If the scanned barcode is not in line with the GS1 Standards, you can advise the GS1 Member Organisation that issued the global company prefix contained in the GS1 barcode about encoding issues. Pressing the Send report button, an email (containing your contact email address for mor information), will be sent to the relevant GS1 member Organisation.

### 4.2.5 History

The **History** screen is the main screen of the application. This is what is displayed after a successful scan, and from this menu creating a new record or adjusting settings can be initiated.

The **History** function is a chronological list of earlier created records. Here the user can also apply filters that help us narrowing the list accordingly.

**History** CHECK

WAITING FOR UPLOAD    UPLOADED RECORDS

(01) 12345678901231	<b>NON STANDARD</b>	Nov 27, 2020, 19:39 Esztergom				NORMAL
(01) 03453120000011	<b>STANDARD</b>	Nov 27, 2020, 19:32 Esztergom				NORMAL
(01) 05990000000009	<b>NON STANDARD</b>	Nov 27, 2020, 15:18 Esztergom				NORMAL
(01) 12345678901231	<b>NON STANDARD</b>	Nov 27, 2020, 15:17 Esztergom				NORMAL
(01) 12345678901231	<b>NON STANDARD</b>	Nov 11, 2020, 10:48 Esztergom				SURVEY MODE
(01) 12345678901231	<b>NON STANDARD</b>	Nov 11, 2020, 10:46 Esztergom				SURVEY MODE
(01) 03453120000011	<b>STANDARD</b>					

History    Settings    Profile    Support

**Annotations:**

- Click here to filter the list of records.
- If the record is reported to the relevant MO, the report icon changes to blue. Otherwise, it is grey.
- If the record has a comment, the icon changes to blue. Otherwise, it is grey.
- If any image is attached to the record, the camera icon changes to blue. Otherwise, it is grey.
- Shows if the record was made in **Normal mode** or in **Survey mode**.

You can switch between the list of uploaded records and the list of the records waiting for upload at the top of the **History** screen.

The records waiting for upload are editable – you can delete them (swipe) or you can click on the record and you will get to the **New record** screen to make any edits.

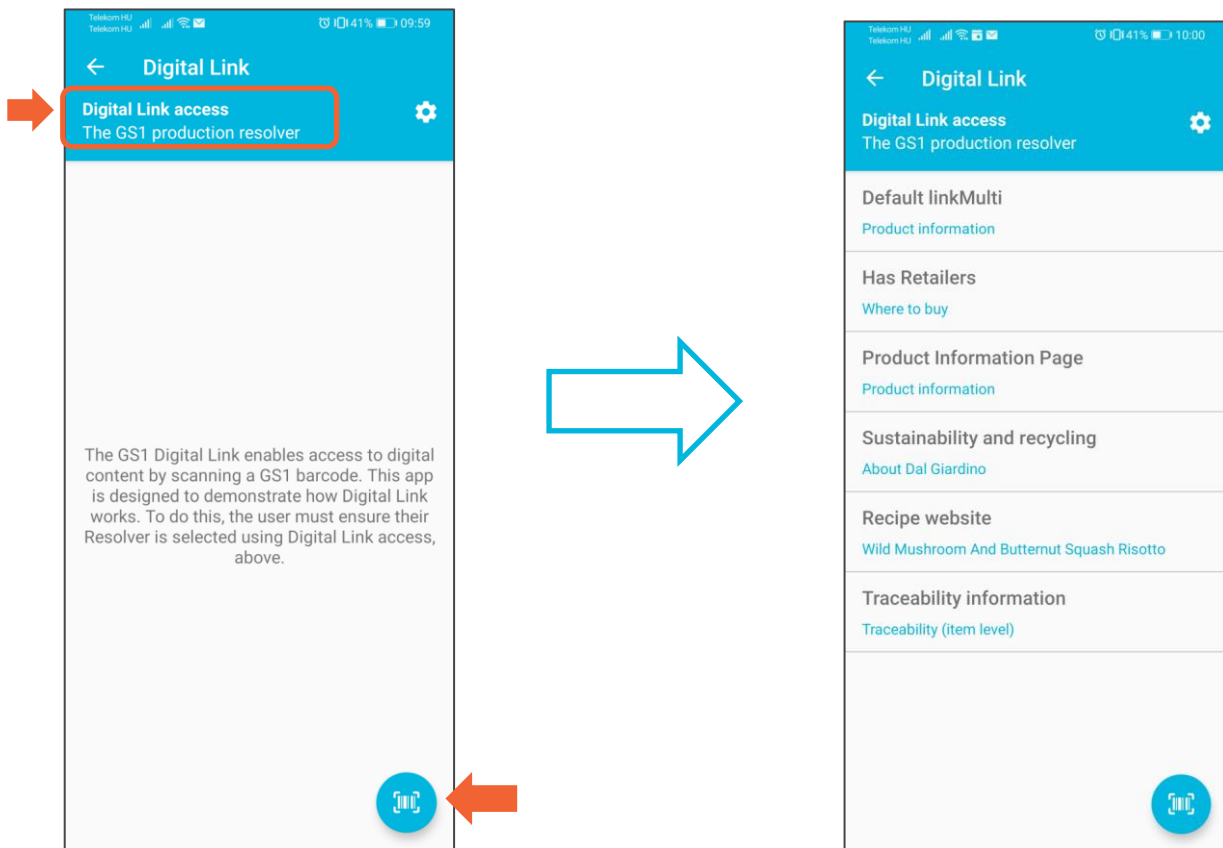
The records already uploaded to the server cannot be edited, but you can add new photos and comments.

### 4.2.6 Digital Link mode

The GS1 Digital Link enables access to digital content by scanning a GS1 barcode. The Digital Link mode is designed to demonstrate how Digital Link works. In **Digital Link mode** you can scan a GS1 barcode (e.g., attached to a pharmaceutical or medical device) and access one or more pieces of digital information about that item.

As a first step, select the Resolver through which the item information is to be accessed. Use the **Digital Link access** settings. To learn more about how to connect to a Digital Link Resolver see the following URL: <https://www.gs1.org/standards/gs1-resolver-service>

In order to get information about an item, scan a GS1 barcode (e.g. GS1 Data Matrix) by tapping on the **Scan** button. If information is available on the Resolver server, the app will display the list of URLs where the different types of item information (e.g. product data, traceability information, related documents etc.) are available.



## 5 The GS1 Healthcare Barcode Scanner website

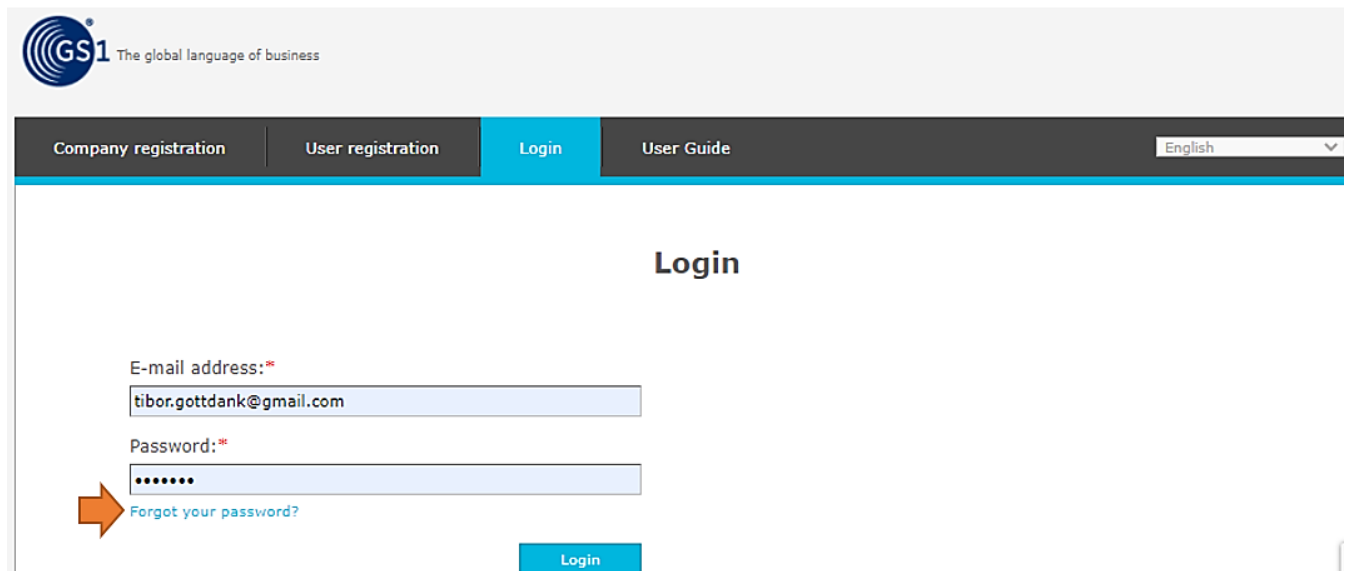
HBS users can view the history of their uploaded record, record details, check result details (validation against GS1 General Specifications), record images and comments on the **GS1 Healthcare Barcode Scanner** website. In addition, company supervisors can create and manage surveys on the website.

The website is accessible on the following URL: <https://hbsa.gs1.org/>

### 5.1 Registration, Login, Forgotten password

You can sign into the **GS1 Healthcare Barcode Scanner** website with your own login name and password. If you have forgotten your password, you can use the **Forgot your password?** link to ask a new password.

**Note:** At first login, a disclaimer appears that must be accepted in order to use the application: 'To verify the physical parameters of your GS1 barcode, for example x-dimension, height, print quality, please contact your local GS1 Member Organisation.'



The screenshot shows the login page of the GS1 Healthcare Barcode Scanner website. At the top left is the GS1 logo with the tagline 'The global language of business'. Below it is a navigation bar with four tabs: 'Company registration', 'User registration', 'Login' (which is highlighted in blue), and 'User Guide'. On the right side of the navigation bar is a language dropdown menu currently set to 'English'. The main content area is titled 'Login' and contains two input fields. The first is labeled 'E-mail address:\*' and contains the text 'tibor.gottdank@gmail.com'. The second is labeled 'Password:\*' and contains masked characters '.....'. Below the password field is a blue arrow pointing to a link that says 'Forgot your password?'. At the bottom right of the form area is a blue 'Login' button.

## 5.2 List and Record details

Records from history cannot be modified on **List** page, but the records created out of Survey mode can be deleted within 48 hours after creation. You can also use dynamic filtering and other functions like record details, gallery and record delete.

It is possible to export the images related to the list of records (**Export images**) or export the list of records as CSV (**Export list as CSV**).

The screenshot shows the GS1 web interface. At the top, there's a navigation bar with 'List', 'Survey', 'Statistics', and 'Contacts'. Below this is a filter section with dropdown menus for 'GS1 MO', 'GS1Lib status', 'Company', 'GEPiR status', and 'User'. There are also input fields for 'From - To' and a 'Records per page' dropdown set to '10'. A 'Filter' button is highlighted with an orange arrow. Below the filters is a table with one record. The table has columns: 'DATA CONTENT', 'PRODUCT CATEGORY', 'GS1LIB STATUS', 'TIME SCAN', and 'LOCATION OF SCAN'. The record shows a GTIN (01) 05990000000009, a 'Neither' product category, a 'Non standard' GS1Lib status with 'RAW DATA' and a barcode, a scan time of 11/27/2020 8:17 AM UTC +01:00, and a location of 'Esztergom (414) 5990900013178'. Below the table, there are buttons for 'OPEN GALERY', 'X DELETE RECORD', 'Export images', and 'Export list as CSV'. The 'Export images' and 'Export list as CSV' buttons are highlighted with orange arrows.

DATA CONTENT	PRODUCT CATEGORY	GS1LIB STATUS	TIME SCAN	LOCATION OF SCAN
GTIN (01) 05990000000009 COUNT (37) 14	Neither	Non standard <b>RAW DATA</b> ]C101059900000000093714	11/27/2020 8:17 AM UTC +01:00	Esztergom (414) 5990900013178

### 5.2.1 Record details

The **Record details** view can be accessed from **Record history**. It shows all available information organised into groups:

- **GSLib details**
- **Scanning Location**
- **Commenting**
- **Survey**
- **Attached Images**

**GS1-128** X DELETE RECORD

DATA CONTENT	PRODUCT CATEGORY	GS1LIB STATUS	TIME SCAN	LOCATION OF SCAN
<b>GTIN</b> (01) 05990000000009 <b>COUNT</b> (37) 14	Neither	Non standard	11/27/2020 8:17 AM UTC +01:00	Esztergom (414) 5990900013178
<b>RAW DATA</b> ]C101059900000000093714				

GS1Lib details	GS1LIB GENERAL INFORMATION	MISSING MANDATORY PAIRS	RELATIONAL ERRORS	MULTIPLE BARCODE - DISQUALIFYING PARIS
GEPIR details Scanning Location Commenting Survey Attached Images	<b>Environment type</b> Regulated healthcare trade items  <b>Validation status</b> Non standard	(37) AI not found (00) (37) AI not found (02) , AI not found (8026)	Standard	<b>AI match</b> (01) 05990000000009 (37) 14

**VALIDATION RESULT BY BARCODES**

**GS1-128**  
 Non standard  
 (01) 05990000000009  
 (37) 14

Recorded by: Zsolt Bócsi (GS1 Hungary) OPEN GALLERY CLOSE DETAILS

Record filtering can be performed in Basic or Advanced mode

The image shows two overlapping screenshots of the GS1 application's filter interface. The top screenshot shows the 'Basic' filter mode with a limited set of dropdown menus. The bottom screenshot shows the 'Advanced' filter mode with a much larger set of filter options. An orange arrow points from the 'Advanced' button in the bottom screenshot to the 'Basic' button in the top screenshot, indicating the transition between the two modes.

### 5.3 Survey

The app is used in **Survey mode** to conduct surveys, scan hundreds of barcodes, add pictures and send the information to the administration website where records are available for further statistics and analysis.

**Note:** The **Survey** menu is only available for Supervisor users.

In order to create a survey, the Supervisor needs to provide survey data by the **Add new survey** function. After creating a survey, the supervisor can add users to the given survey by the **Edit** function.

In **Survey details** window, the Supervisor can set survey name, survey description and clear date. Supervisor can also add new user not only from own company but from other companies by adding user email address.

**Note:** The deadline for deleting records is the closing date of the survey set by the Supervisor. Other records, created out of Survey mode, can be deleted within 48 hours after creation.

The screenshot shows the GS1 web application interface. At the top, there is a navigation bar with 'List', 'Survey', 'Statistics', and 'Contacts' tabs. The 'Survey' tab is selected. Below the navigation bar, there is a 'Survey List' table with columns for Name, Description, Company, Edit, and Delete. An 'Add new survey' button is located to the right of the table. Below the table, there is a 'Create survey' form with several input fields and a 'Create' button. Callout boxes provide instructions for filling out the form: 'Your GS1 organization' points to the 'GS1 Member Organization' dropdown; 'Add a name and a short description to your survey' points to the 'Survey name' and 'Description' fields; and 'Expiration date' points to the 'Add no further records after' field.

Name	Description	Company	Edit	Delete
Survey 01	Survey 01	GS1 Hungary		
Survey 02	Survey 02	GS1 Hungary		
Alban survey 1	Test survey	Albanian Medicina		
Test 1	Testing	GS1 Global Office		

**Create survey**

Your GS1 organization

GS1 Member Organization:\*

GS1 Albania

Company name:\*

GS1 Albania

Survey name:\*

Add a name and a short description to your survey

Description:\*

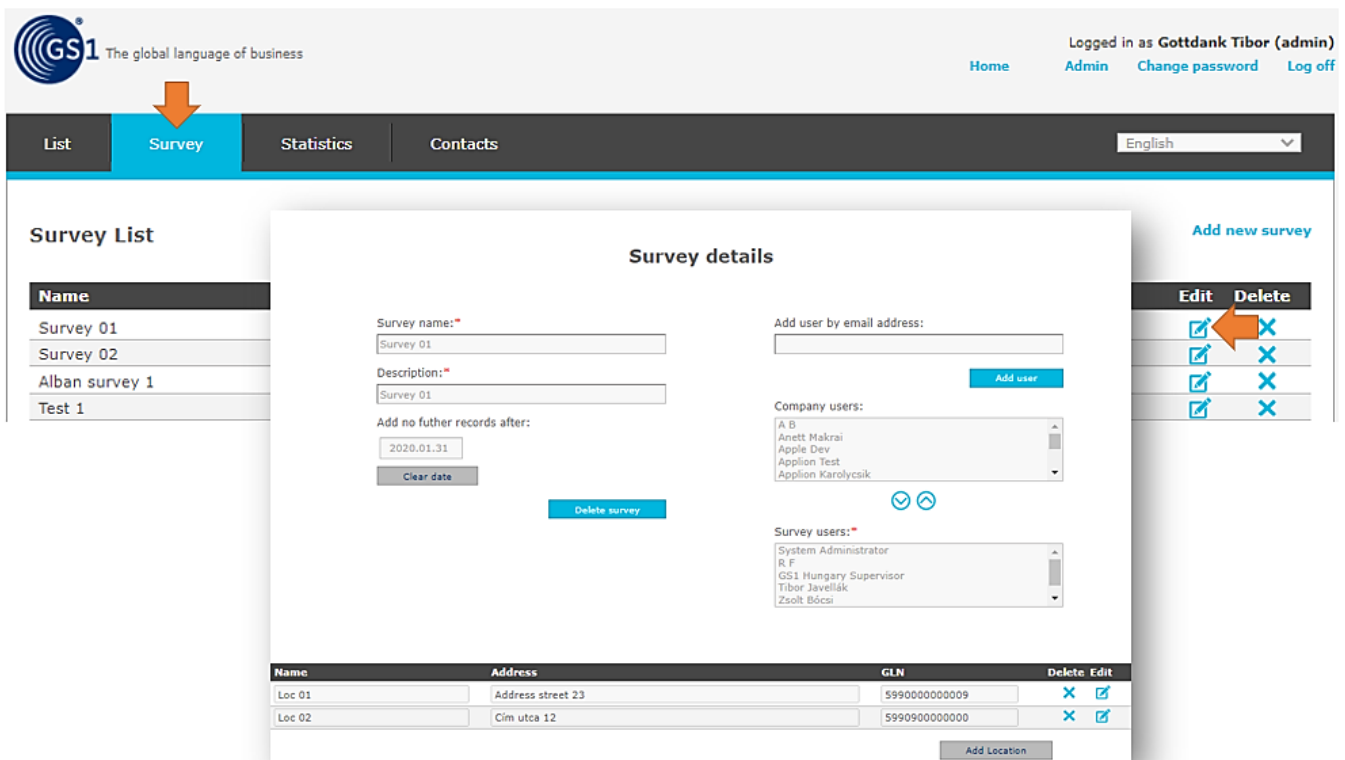
Expiration date

Add no further records after:

Clear date

Create





The screenshot shows the GS1 web application interface. At the top left is the GS1 logo with the tagline 'The global language of business'. The top right shows the user is logged in as 'Gottdank Tibor (admin)' with links for Home, Admin, Change password, and Log off. The main navigation bar includes 'List', 'Survey' (highlighted with an orange arrow), 'Statistics', and 'Contacts'. A language dropdown is set to 'English'. On the left, the 'Survey List' panel shows a table with the following data:

Name
Survey 01
Survey 02
Alban survey 1
Test 1

The main 'Survey details' panel contains the following fields and controls:

- Survey name:** Survey 01
- Description:** Survey 01
- Add no further records after:** 2020.01.31 (with a 'Clear date' button)
- Add user by email address:** (empty field with an 'Add user' button)
- Company users:** A list with a 'down arrow' icon: A B, Anett Makrai, Apple Dev, Applion Test, Applion Karolycsak.
- Survey users:** A list with a 'down arrow' icon: System Administrator, R F, GS1 Hungary Supervisor, Tibor Javellák, Zsolt Böcsi.
- Delete survey** button.

At the bottom, there is a table for locations:

Name	Address	GLN	Delete	Edit
Loc 01	Address street 23	5990000000009	X	✎
Loc 02	Cim utca 12	5990900000000	X	✎

An 'Add Location' button is located below this table. On the right side, there is an 'Add new survey' link and a panel with 'Edit' and 'Delete' buttons for each survey item in the list, with an orange arrow pointing to the 'Edit' button for 'Survey 01'.

Only those users can participate in a survey who are in the list of **Survey users**.

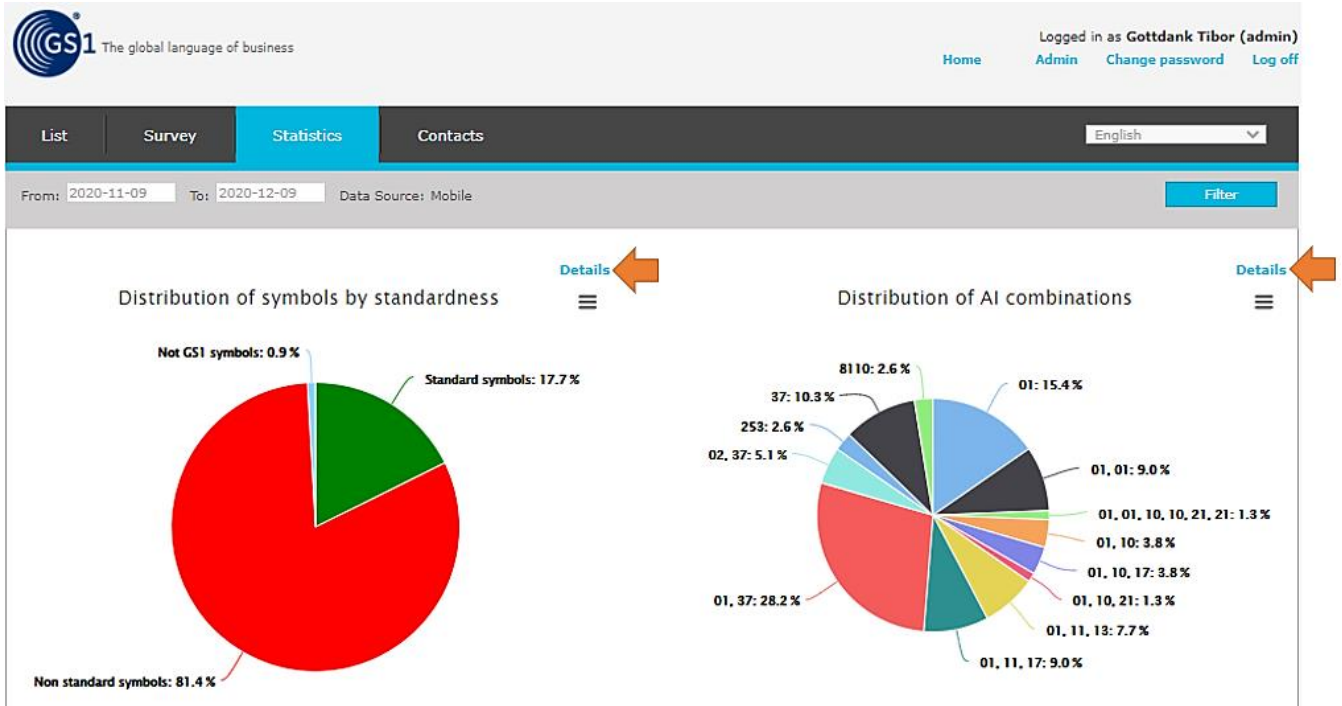
The company Supervisor can add users to the **Survey users** list:

- from the list of **Company users** (by selecting one or more user(s) then clicking on the 'down arrow')
- from outside of the organization (by typing in the e-mail address of the user in the field **Add user by email address**, then clicking on the **Add user** button). The e-mail address must be registered in the HBSA system – only registered users can be added to a survey.

## 5.4 Statistics

### 5.4.1 Dashboard

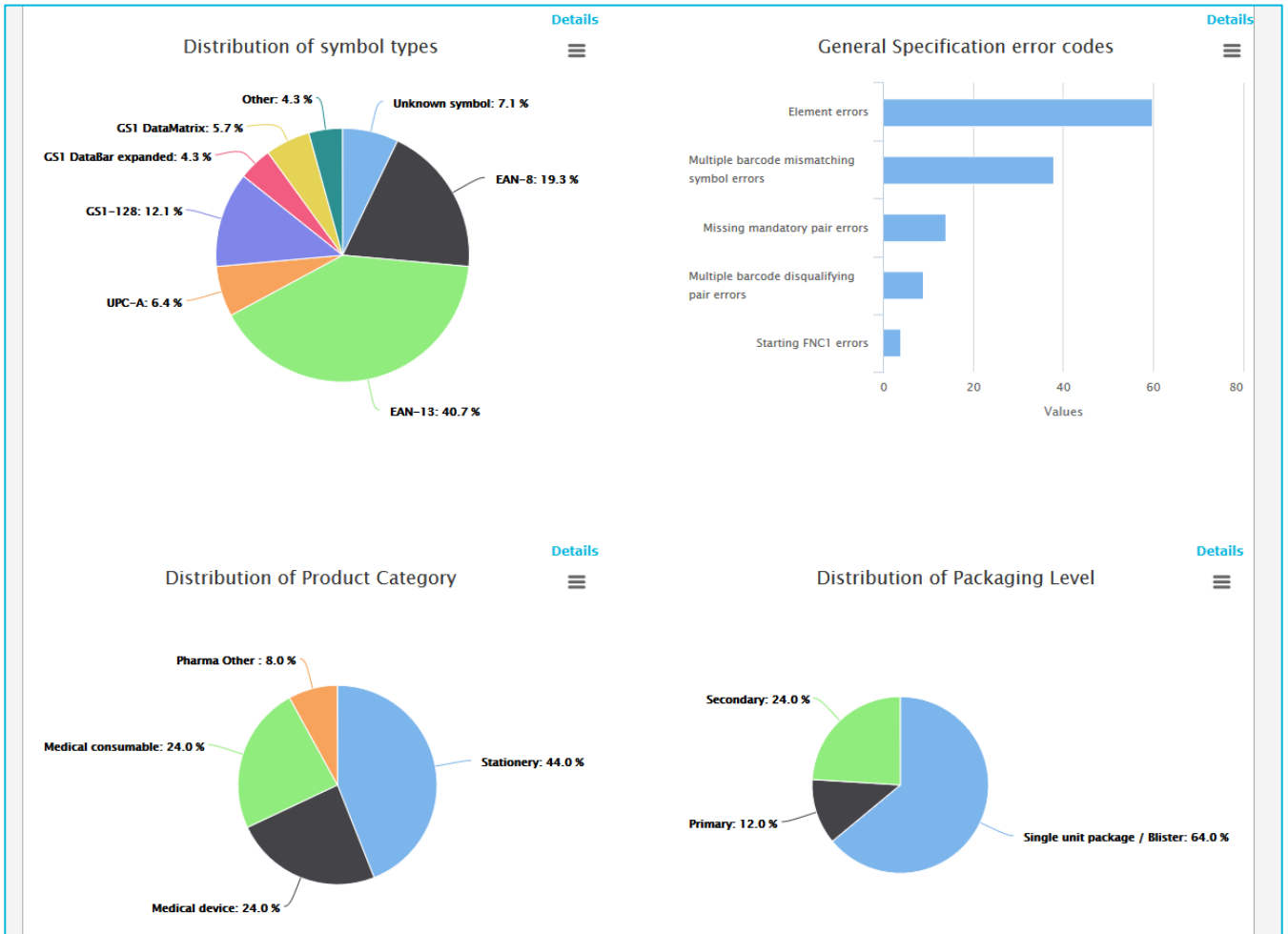
After selecting the **Statistics** menu, a dashboard page will appear.



The **Statistics** dashboard contains six different types of charts that show statistical data based on records from the current month. The period of time can also be set on the dashboard.

**Note:** The period selected in history view (**List** menu) has no effect on the **Statistics**.

Click on the **Details** button to go to the sub-page of the chosen statistics and to get more detailed statistical information. On sub-pages, the data is shown according to the period previously set on the dashboard.



## 5.5 Administration

The **Administration** page is available only for Supervisors. On this page, you can edit the user's data of your company/MO (see the two screenshots below).

You can select your MO on the **Member organisations** page and then you can perform two main administrative functions :

- **Editing company data (Companies page):** If for some reason the information related to a company should be changed, it is necessary to make these changes on the company datasheet.
- **Editing user data (Users page):** On the user list, users of a specific company can be seen, user data can be edited, and users can be activated/deactivated.

The screenshot shows the GS1 Administration interface. At the top, it says "Logged in as Gottdank Tibor (admin)" with links for Home, Admin, Change password, and Log off. The main navigation bar includes List, Survey, Statistics, and Contacts. Below this, there are tabs for Member organizations, Companies, and Users. The "Member Organizations" page is active, displaying a table with columns: MO name, Verification code, Status, Registration time, Companies, Users, and Activate. An arrow points to the "Companies" tab, which is also active in the second part of the screenshot. The "Companies" page shows a table with columns: Company name, Verification code, GS1 MO name, Status, Registration time, Users, Delete, and Edit. Arrows indicate the flow from the Member Organizations table to the Companies table.

The screenshot shows the "Users" page in the GS1 Administration interface. It features a search filter section with fields for Email, First name, Last name, Company name, Language administrator, Status, User role, and Registered from - to. A "Filter" button is located below these fields. Below the filter is a table with columns: First Name, Last Name, E-mail, Role, Organization, Registration time, Status, Lang., Edit, and Del. The table contains several user records, including one for "moryalzo-dafegewgwa@gmail.com" who is inactive.



*Should you need further information about GS1 Healthcare Barcode Scanner or need assistance, please contact the HBS support at **[hds-support@gs1hu.org](mailto:hds-support@gs1hu.org)**.*

*Kind regards,*

*GS1 Healthcare Barcode Scanner Team*