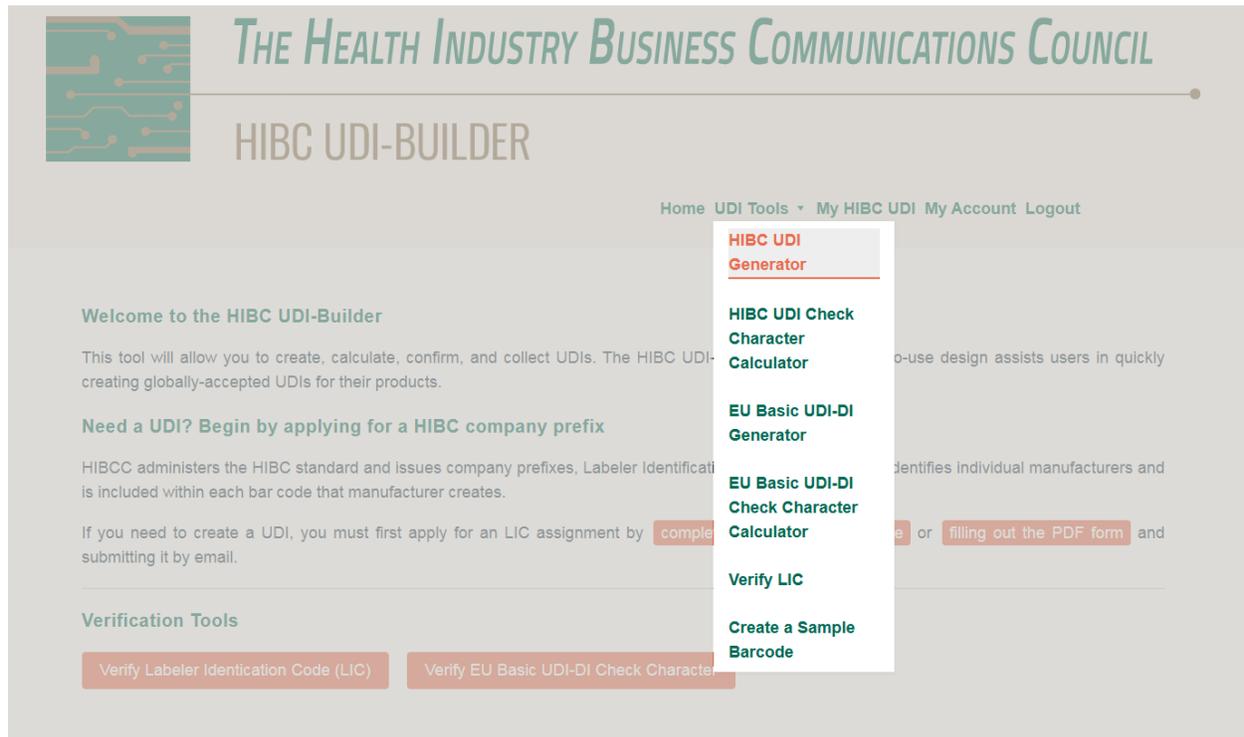


Generate a UDI

1. Navigate to the Generate UDI page (can be found under UDI Tools)

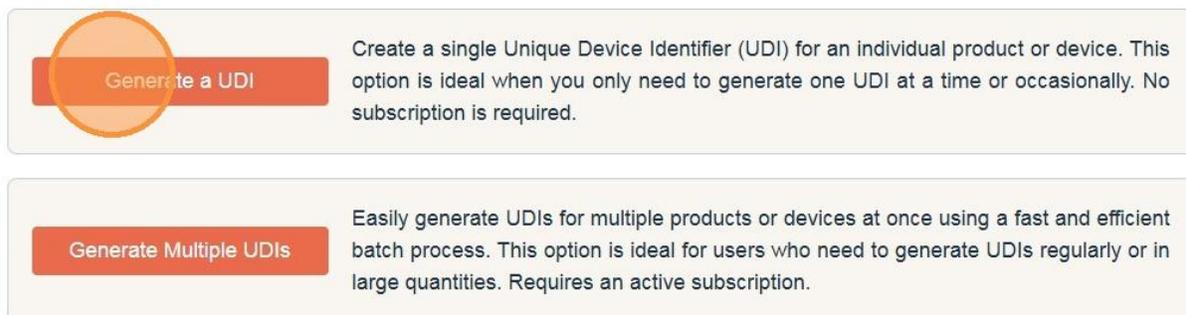
For more information on the HIBC UDI structure see our [HIBCC UDI Guide](#).



The screenshot shows the HIBC UDI-Builder website interface. At the top, there is a navigation bar with links for Home, UDI Tools, My HIBC UDI, My Account, and Logout. A dropdown menu is open under 'UDI Tools', listing several options: HIBC UDI Generator (highlighted in red), HIBC UDI Check Character Calculator, EU Basic UDI-DI Generator, EU Basic UDI-DI Check Character Calculator, Verify LIC, and Create a Sample Barcode. The main content area includes a welcome message, a description of the tool, and a section for 'Verification Tools' with buttons for 'Verify Labeler Identification Code (LIC)' and 'Verify EU Basic UDI-DI Check Character'.

2. Click "Generate a UDI" to create a single UDI

Generate UDI



The screenshot shows the 'Generate UDI' section with two options. The first option is 'Generate a UDI', which is highlighted with a red circle. The second option is 'Generate Multiple UDIs'. Each option has a corresponding button and a description of the service.

Option	Description
Generate a UDI	Create a single Unique Device Identifier (UDI) for an individual product or device. This option is ideal when you only need to generate one UDI at a time or occasionally. No subscription is required.
Generate Multiple UDIs	Easily generate UDIs for multiple products or devices at once using a fast and efficient batch process. This option is ideal for users who need to generate UDIs regularly or in large quantities. Requires an active subscription.

- The Labeler Identification Code (LIC) field will already be populated with the LIC entered during your account registration. If you need to change the LIC associated with your account or update the Company Name and/or Address, please contact info@hibcc.org.

Labeler Identification Code	<i>(required)</i> ⓘ	HIBCC DEMO ACCOUNT 2525 E ARIZONA BILTMORE CIR PHOENIX, AZ, 85016, US
<input type="text" value="A999"/>		

- Enter the Brand Name, Version/Model, and Device Description (all optional) for the device.

Create a HIBC UDI

Create Primary Data Structure → Create Secondary Data Structure → Concatenated Data Structure

STEP 1: Create Primary Data Structure

Labeler Identification Code	<i>(required)</i> ⓘ	HIBCC DEMO ACCOUNT 2525 E ARIZONA BILTMORE CIR PHOENIX, AZ, 85016, US
<input type="text" value="A999"/>		

Device Information

Brand Name *(optional)*

Version/Model *(optional)*

Device Description *(optional)*

5. Enter the Product/Catalog Number (PCN) for the device. The PCN is assigned by the labeler and should identify a specific version/model of a device. HIBCC recommends using the existing catalog code for the device. The field parameters are alphanumeric, 1-18 characters, and no special characters.

PHOENIX, AZ, 85018, US

A999

Device Information

Brand Name *(optional)*
Demo Brand

Version/Model *(optional)*
Version 1

Device Description *(optional)*
DEMO DEVICE

Device Identifier/Primary Data

Product/Catalog Number *(required)* ⓘ

Unit of Measure/Package Indicator *(required)* ⓘ 0 ▾

Generate Primary Data Structure

Back Step 1 of 3 Next: Secondary Data →

6. Select the Unit of Measure/Package Indicator from the drop-down menu.
For more information on how the Unit of Measure/Package Indicator is determined, click on the info icon or see [HIBCC's Guide to Understanding Unit of Measure](#).

PHOENIX, AZ, 85016, US

A999

Device Information

Brand Name *(optional)*
Demo Brand

Version/Model *(optional)*
Version 1

Device Description *(optional)*
DEMO DEVICE

Device Identifier/Primary Data

Product/Catalog Number *(required)* ⓘ
PCN12345

Unit of Measure/Package Indicator *(required)* ⓘ 0 ▾

Generate Primary Data Structure

Back Step 1 of 3 Next: Secondary Data →

Unit of Measure/Package Indicator

Unit of Measure ID, numeric value only, 0 through 9, where 0 always represents a single unit. 1 to 8 are used to indicate different packaging levels above the unit of use.

The value 9 is used for variable quantity containers when manual key entry or scan of a secondary will be used to collect specific quantity data. The labeler should ensure consistency in this field within their packaging process.

For additional guidance, refer to [HIBCC's Guide to Understanding Unit of Measure](#).

Close

Unit of Measure/Package Indicator *(required)* ⓘ 0 ▾

Generate Primary Data Structure

7. Click Generate Primary Data Structure. This step creates the Primary Data Structure/UDI-DI and provides sample barcodes for download (Data Matrix, QR Code, Code 128, Code 39). This is the last step if you only need to create a UDI-DI.

UDI data is only stored for users with active subscriptions.

PHOENIX, AZ, 85018, US

A999

Device Information

Brand Name *(optional)*
Demo Brand

Version/Model *(optional)*
Version 1

Device Description *(optional)*
DEMO DEVICE

Device Identifier/Primary Data

Product/Catalog Number *(required)* ⓘ
PCN12345

Unit of Measure/Package Indicator *(required)* ⓘ 0 ▾

Generate Primary Data Structure

Back Step 1 of 3 Next: Secondary Data →

Sample Barcode with Human-Readable Text

- Data Matrix
- QR Code
- Linear (CODE128)
- Linear (CODE39)



+A999PCN1234500

- Download PNG
- Download PDF

8. To create the Secondary Data Structure/UDI-PI, click "Next: Secondary Data ⇒"

Sample Barcode with Human-Readable Text

Data Matrix QR Code **Linear (CODE128)** Linear (CODE39)



A999PCN123450

Download PNG Download PDF

Back Step 1 of 3 **Next: Secondary Data ⇒**

www.hibcc.org | info@hibcc.org | +1-602-381-1091

9. The Secondary Data Structure/UDI-PI must contain a Lot, Serial, or both.

STEP 2: Create Secondary Data Structure - UDI: A999PCN123450

Production Identifier/Secondary Data

Are you including a Lot Number, Serial Number, or both? *(required)*

Lot Number

Serial Number

Both

Manufacture Date *(String format: YYYYMMDD)*

Yes No

Expiration Date

Yes No

Are you including a Quantity? *(optional -- not required for UDI.)*

Yes No

Generate Secondary Data Structure

Back Step 2 of 3 **Next: Concatenated Data ⇒**

The Lot and Serial fields are alphanumeric, 1-18 characters, and allow for the inclusion of periods "." and dashes "-".

STEP 2: Create Secondary Data Structure - UDI: A999PCN123450

Production Identifier/Secondary Data

Are you including a Lot Number, Serial Number, or both? *(required)*

- Lot Number
- Serial Number
- Both

Lot Number

LOT2587

Serial Number

SERIAL4567

Manufacture Date *(String format: YYYYMMDD)*

- Yes
- No

Expiration Date

- Yes
- No

Are you including a Quantity? *(optional -- not required for UDI.)*

- Yes
- No

Generate Secondary Data Structure

10. Indicate whether you will be including a Manufacture Date. If applicable, select the Manufacture Date from the drop-down calendar.

Note: Manufacture Date is always represented in the YYYYMMDD format.

STEP 2: Create Secondary Data Structure - UDI: A999PCN123450

Production Identifier/Secondary Data

Are you including a Lot Number, Serial Number, or both? *(required)*

Lot Number

Serial Number

Both

Lot Number

LOT2587

Serial Number

SERIAL4567

Manufacture Date *(String format: YYYYMMDD)*

Yes No

Enter Manufacture Date

02/02/2026

Expiration Date

Yes No

Are you including a Quantity? *(optional)*

Yes No

Generate Secondary Data

February 2026							
Su	Mo	Tu	We	Th	Fr	Sa	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
Clear						Today	

11. Indicate whether you will be including an Expiration Date. The HIBC standard provides several options for the Expiration Date format, which can be selected from the drop-down menu.

STEP 2: Create Secondary Data Structure - UDI: A999PCN123450

Production Identifier/Secondary Data

Are you including a Lot Number, Serial Number, or both? *(required)*

Lot Number

Serial Number

Both

Lot Number

Serial Number

Manufacture Date *(String format: YYYYMMDD)*

Yes No

Enter Manufacture Date

Expiration Date

Yes No

Expiration Date Format

Enter Expiration Date

Are you including a Quantity? *(optional)*

Yes No

- Select date format
- Select date format
- YYYYMMDD
- MMYY
- MMDDYY
- YYMMDD
- YYMMDDHH
- YYJJJ
- YYJJJHH

12. Indicate whether you will be including a Quantity.

Note: quantity is not recognized as a UDI-PI field. HIBCC does not recommend including quantity.

STEP 2: Create Secondary Data Structure - UDI: A999PCN123450

Production Identifier/Secondary Data

Are you including a Lot Number, Serial Number, or both? *(required)*

- Lot Number
 Serial Number
 Both

Lot Number

LOT2587

Serial Number

SERIAL4567

Manufacture Date *(String format: YYYYMMDD)*

- Yes No

Enter Manufacture Date

02/02/2026



Expiration Date

- Yes No

Expiration Date Format

YYYYMMDD



Enter Expiration Date

02/02/2028



Are you including a Quantity? *(optional -- not required for UDI.)*

- Yes No

Generate Secondary Data Structure

13. Click "Generate Secondary Data Structure"

Lot Number
 Serial Number
 Both

Lot Number

Serial Number

Manufacture Date (String format: YYYYMMDD)
 Yes No
Enter Manufacture Date

Expiration Date
 Yes No
Expiration Date Format
Enter Expiration Date

Are you including a Quantity? (optional -- not required for UDI.)
 Yes No

Generate Secondary Data Structure

[Back](#) Step 2 of 3 [Next: Concatenated Data](#) ⇒

14. To combine the Primary Data/UDI-DI and the Secondary Data/UDI-PI into a single string, click "Next: Concatenated Data ⇒"

Note: The secondary barcode must be used together with the primary barcode to ensure full UDI compliance. We recommend using the concatenated barcode data in the next step.

Sample Barcode with Human-Readable Text

[Data Matrix](#) [QR Code](#) [Linear \(CODE128\)](#) [Linear \(CODE39\)](#)



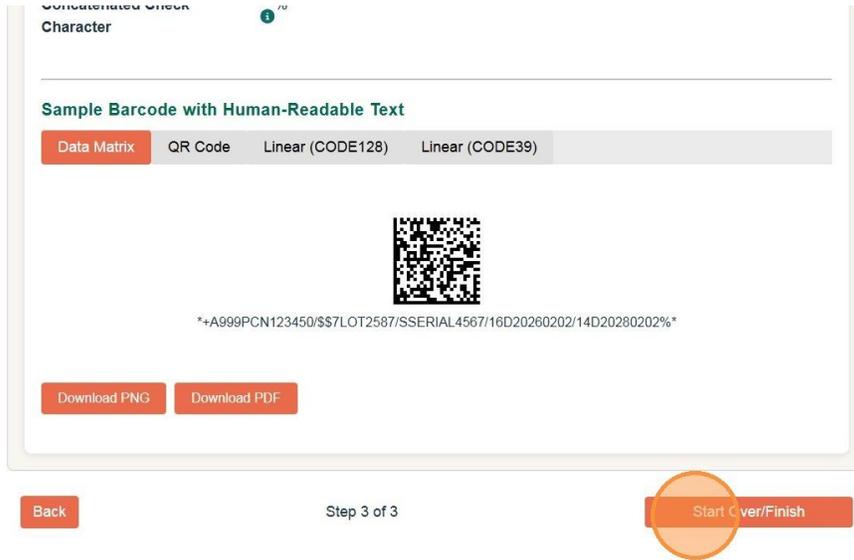
+\$\$7LOT2587/SSERIAL4567/16D20260202/14D2028020200

[Download PNG](#) [Download PDF](#)

[Back](#) Step 2 of 3 [Next: Concatenated Data](#) ⇒

15. Once you documented the UDI for your internal records, click "Start Over/Finish"

Note: UDIs should be documented and saved internally. UDI data is only stored for users with active subscriptions.



16. Click "OK"

