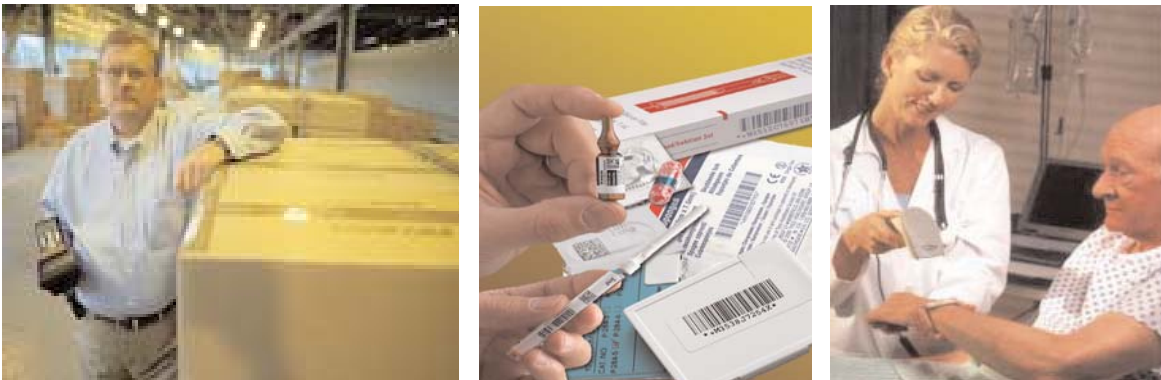




UNIVERSAL PRODUCT NUMBERS (UPN) AND THE UPN DATA REPOSITORY



* Including: A Guide to Using UPN On-Line



Provided by: The Health Industry Business Communications Council

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Introduction

Background of the UPN and UPN Repository

The concept of the Universal Product Number (UPN) evolved from US government and industry appreciation of the need for a standard, yet unique, number for identifying medical products at different levels of packaging. By combining a manufacturer identifier with an item identifier and a level of packaging indicator; the UPN provides a common language for the healthcare industry, simplifying supply chain processes from ordering to receiving to point-of-care. The UPN definition is based on ANSI-accredited healthcare auto-ID (i.e. linear bar code and 2-D symbol) labeling standards developed and administered by the Health Industry Business Communications Council (HIBCC) and GSI (formerly UCC.EAN). Together, these standards address the product-labeling needs of virtually all manufacturers because they encompass the various identification practices used in the industry. By incorporating the two established auto-ID data formats (HIBC and UCC/EAN) within the UPN, the link between the product labels and the database is greatly facilitated.

The UPN is an identifier that uniquely and unambiguously identifies a specific healthcare product and has been in use for more than 10 years. Having a UPN label on the unit-of-issue streamlines medical supply logistics and payment systems. It also makes bedside scanning possible, and ensures that the correct product is administered to the correct person at the correct time.

By using existing labeling data structures, the UPN leverages the benefits of auto-ID labeling and ties information systems directly to product packaging. Furthermore, technological advances in scanning technology now make it possible for manufacturers to successfully source mark (bar code) durable medical equipment and supplies, even at the smallest "single use" packaging levels. At the same time, dramatic reductions in the costs of bar code readers have made the technology highly affordable for hospitals. With the UPN, all healthcare trading partners now have the ability to utilize auto identification technologies.

The UPN Repository is administered by HIBCC. It is a centralized, master catalog of medical-surgical products containing basic data elements including UPN, manufacturer name, item number, description, unit of measure, and quantity associated with the unit of measure. HIBCC has developed a web-enabled interface for accessing and maintaining the UPN Repository. The application is designed to allow users direct access to UPN records for viewing and updating product information. Users can access utilities to query the database for specific data, download the entire Repository, and submit UPN records directly online. Currently, the UPN Repository includes more than 250,000 records.

Difference Between Label Data (i.e. bar code) and the UPN

The system scanning the label performs the critical functions of ensuring accurate and secure delivery of the UPN data messages. After the system has done its job, it delivers only the UPN data. Labels, such as linear bar codes and 2-D symbols are a medium for carrying product identification and other information on packages. They permit automatic data capture (ADC)-gathering information for direct entry into computer processing systems without a keyboard.

Limitations of the UPN

There are no real limitations. System requirements to capture UPN data should ensure the security and accuracy of the data input, a technical consideration that is required for all labeling formats.

Benefits of UPN Implementation

Industry-wide adoption of the UPN benefits everyone in the healthcare supply chain, from the manufacturer to the consumer. Some of the benefits are outlined below.

Safety—The application of auto identification in provider settings is increasingly relevant to patient care. Several health-care associations and government agencies support the use of auto-ID labeling as a tool to reduce medical errors. In its much publicized report, "To Err is Human: Building a Safer Health System," the Institute of Medicine advocated the application of bar codes, and thereby UPNs, on pharmaceutical and medical supplies, stating that their use would ensure that, "the dispensing and administration processes are checked for timeliness and accuracy." In 2004, the Food and Drug Administration (FDA) issued their final rule, "Bar Code Label Requirements for Human Drug Products," which mandated the application of linear bar codes on all pharmaceutical products, and advocated the use of HIBC Standards for that purpose. FDA estimates that this rule will result in more than 500,000 fewer adverse events over the next 20 years.

Cost Savings—Furthermore, the FDA's rule predicts that there will be a 50% reduction in medication errors. Patients will avoid pain, suffering and extensions of hospital stays with an estimated savings of \$93 billion over the next 20 years. Earlier studies by groups like the Efficient Healthcare Consumer Response found that over \$11 billion annually can be saved across the supply chain. The use of UPN has accomplished industry-wide cost savings in contract item file communications, contract compliance management, contract evaluation, purchasing inventory management, invoicing and payment, product tracking, utilization review, distribution and logistics management, and claims and auditing. By requiring the use of the UPN, the government has taken the lead in securing the financial viability of the American healthcare system.

Reimbursement Accuracy—The Centers for Medicare and Medicaid Services' (CMS - formerly HCFA) current systems must rely upon general product categories as identifiers for billing and payment and these include a broad range of cost and quality of items. By not requiring specific product identification on submitted claims, the system is thus susceptible to unintentional error, over payment on discounted contracts, and fraudulent acts such as up-coding. The General Accounting Office (GAO) noted the system failings in its 1998 report on Medicare (HEHS-98-102) stating, "the Health Care Finance Administration does not know specifically what Medicare is paying for when its contractors process claims for durable medical equipment and supplies." UPN implementation by CMS would help avoid many of these shortcomings by instituting a regimen that would specifically identify products being used. The use of UPNs on claims submitted for health services would engender a system of more accurate billing, thereby reducing the opportunity for error. A similar system for pharmaceutical reimbursement was implemented using the National Drug Code (NDC). The unique labeling of drugs with product specific identifiers enables the accurate tracking of utilization by recording the exact product used.

Efficiency—The trend in healthcare, as in virtually all private and public sectors, is the incorporation of new technology in the advancement of business systems and processes. While the retail, apparel, and grocery industries have successfully established universally accepted product identifiers, the healthcare industry has yet to take this critical step toward supply chain efficiency. Healthcare facilities will be able to identify and order needed items without extensive catalog research. Manufacturers will realize improved product visibility. Distributors will save by not having to develop and maintain multiple cross-references to track their product lines. Everyone benefits since the UPN facilitates increasing the ease, speed, and accuracy of ordering, distribution, payment and reimbursement.

||||| *UPN Support*

Support for the use of UPNs is far reaching. In 1995 the Department of Defense successfully implemented the UPN for inventory control, purchasing and distribution, and began to require manufacturers with which they do business to identify every product/package type using the UPN. The DoD supports legislation requiring a government-mandated use of UPNs. Private industry (including GPOs) have already accepted UPN as the standard and it has been widely implemented throughout the supply chain.

When technology advances, healthcare systems and services must evolve to meet changing needs. Wide availability and relative affordability of auto identification technologies support the implementation and use of UPNs. Current system failings make the need evident. Accurate product identification will foster the creation of a system unsusceptible to fraud and abuse, less prone to error, and better able to monitor the quality of care beneficiaries are receiving.

 UPN Data Structures

The UPN Repository accepts either the HIBC-LIC or UCC/EAN primary data structures. An example of each data structure is as follows:

HIBC-LIC +M353457GX82K*Components defined*

+	HIBC flag character
M353	Manufacturer LIC
457GX8	Manufacturer-assigned product number
2	Packaging level indicator
K	Modulus-43 link character (check character)

UCC/EAN (01)1039999900408I*Components defined*

(01)	UCC application identifier
I	Packaging level indicator
0399999	Company prefix
00408	Manufacturer assigned product number
I	Modulo 10 check digit

Please Note: Each level of packaging will have its own record, even if the product is identical. Also note that the application identifier “(01)” used in the UCC/EAN structure and the “+” sign and check character from the HIBC structure are dropped in the data repository. These elements should be stripped off prior to being added to the database.

Shown below are the symbols for the HIBC-LIC and UCC/EAN primary data structures in linear bar code format:

HIBC-LIC

+M353457GX82K*

UCC/EAN

(01)1039999900408I

Please Note: The underlined data is the UPN.

 UPN Repository Content and Data Elements

As currently implemented, the UPN Repository consists of these core data elements:

Field Name	Length	Description
UPN	20	Universal Product Number
SUPPLIER	35	Supplier Name
DIVISION	35	Division Name
TRADENAME	35	Trade Name
DESCRIPTION	80	Description of the product
UOM	2	Unit of measure code
QTY	8	Quantity of "eaches" in unit of measure
PARTNO	20	Product number
SALEABLE	1	Indicates whether the supplier considers product to be saleable at the level of packaging specified in the unit of measure field (Y/N).
UPNQUAL	2	UPN qualifier code (HI=HIBC, UK=UCC/EAN)
SRCCODE	2	Data source indicator (MC=sourced from the supplier, otherwise empty).
TRAKREQ	1	Indicates that the item is required by regulations to be tracked (Y/N).
UPNCRTDT	8	Date the UPN was entered into the Repository (YYYYMMDD).
UPNEDTDT	8	Date the UPN record was last edited (YYYYMMDD).
STATUSCODE	2	UPN status code (AC=active, DE=inactive)
ACTIONCODE	2	Last action taken on UPN Repository record (UA=add, UC=change, UD=deactivate)
REFERENCE	20	Reference field. Field content is a UPN that replaces or substitutes for the UPN in this record.
REFERQUAL	2	Reference qualifier. Indicates the type of reference in the REFERENCE field. Valid qualifiers are (UR=replaces, US=substitutes).

Using UPN On-Line

UPN On-line is a web interface that allows registered users to add, update, query, and download the UPN Repository via an Internet connection. After logging into the UPN Repository, users may query and download the entire database. Users can also fill in a form to submit an individual record, or upload a file of multiple records. All records are checked for validity when submitted to the UPN Repository. The application identifies problem UPN update records so that a user can fix the file or the data in the form and resubmit the record.

To access the UPN Repository, a company needs to register through HIBCC's web site. Once HIBCC receives the registration, a subscriber and user account will be created. There is no limit to the number of companies a subscriber can be responsible for. If responsible for more than one company, a subscriber must identify every company with the exact spelling. The UPN Repository will allow a user associated with a subscriber to add or update a UPN record only if the company name in the UPN record matches a pre-registered company name exactly, including punctuation.

Registering as a UPN Repository User

Users may access the registration page by:

- Going to the HIBCC home page: www.hibcc.org
 - Go to the **Auto-ID/UPN** drop-down box
 - Select *Access the UPN* (see Figure I.1)
- Or, by going directly to www.upnrepository.org.

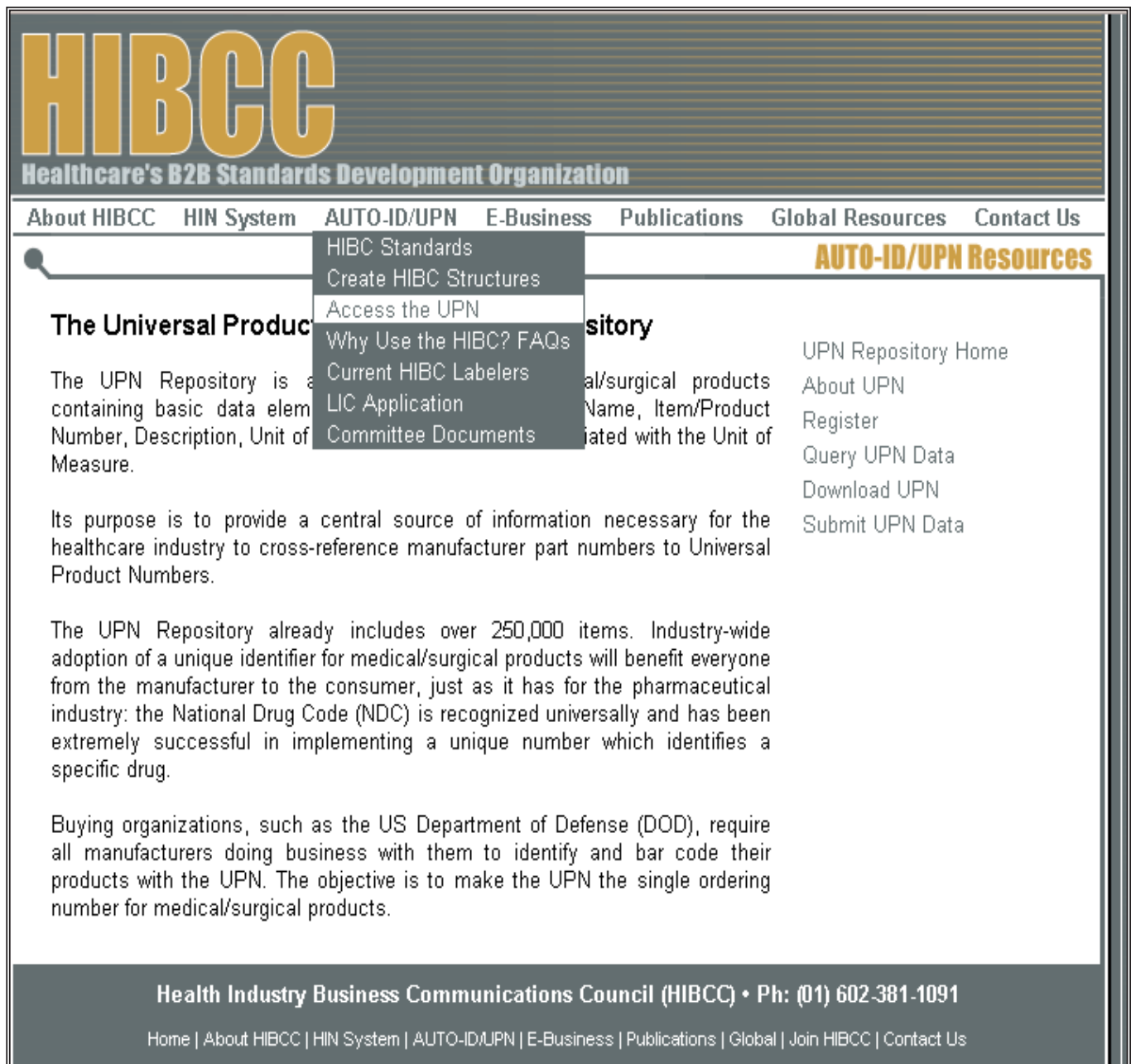


Figure I.1 - Access the UPN Repository

Access to the UPN Repository requires registration, but is free of charge.

- Click on *Register* to be taken to the registration form (see Figure 1.2).



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AUTO-ID/UPN Resources

The Universal Product Number (UPN®) Repository

The UPN Repository is a master catalog of medical/surgical products containing basic data elements such as Manufacturer Name, Item/Product Number, Description, Unit of Measure, and Quantity associated with the Unit of Measure.

Its purpose is to provide a central source of information necessary for the healthcare industry to cross-reference manufacturer part numbers to Universal Product Numbers.

The UPN Repository already includes over 250,000 items. Industry-wide adoption of a unique identifier for medical/surgical products will benefit everyone from the manufacturer to the consumer, just as it has for the pharmaceutical industry: the National Drug Code (NDC) is recognized universally and has been extremely successful in implementing a unique number which identifies a specific drug.

Buying organizations, such as the US Department of Defense (DOD), require all manufacturers doing business with them to identify and bar code their products with the UPN. The objective is to make the UPN the single ordering number for medical/surgical products.

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About UPN
Register
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Figure 1.2 - Access to the Registration Form

Quick Note: Users can navigate easily through the application by using the links on the right side of each page in the UPN Repository site.

Registration Form

- Fill out the Repository registration form(see Figure 1.3)
- Information with an "*" is required
- Check the appropriate boxes to register for any or all of the utilities offered (Download the UPN File, Utilize On-Line UPN Queries, and Submit UPN Data)
- Read and accept the terms of the end-user licensing agreement

After submitting the registration form, HIBCC will process the registration. Users will receive a confirmation via email that will include the log-in name and password information needed to access UPN On-line.

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Register

UPN Repository Registration

Please fill out the following information. (*required field)

*Name:

*Title:

*Company name:

*Address:

*City:

*State:

*Zip:

*Country:

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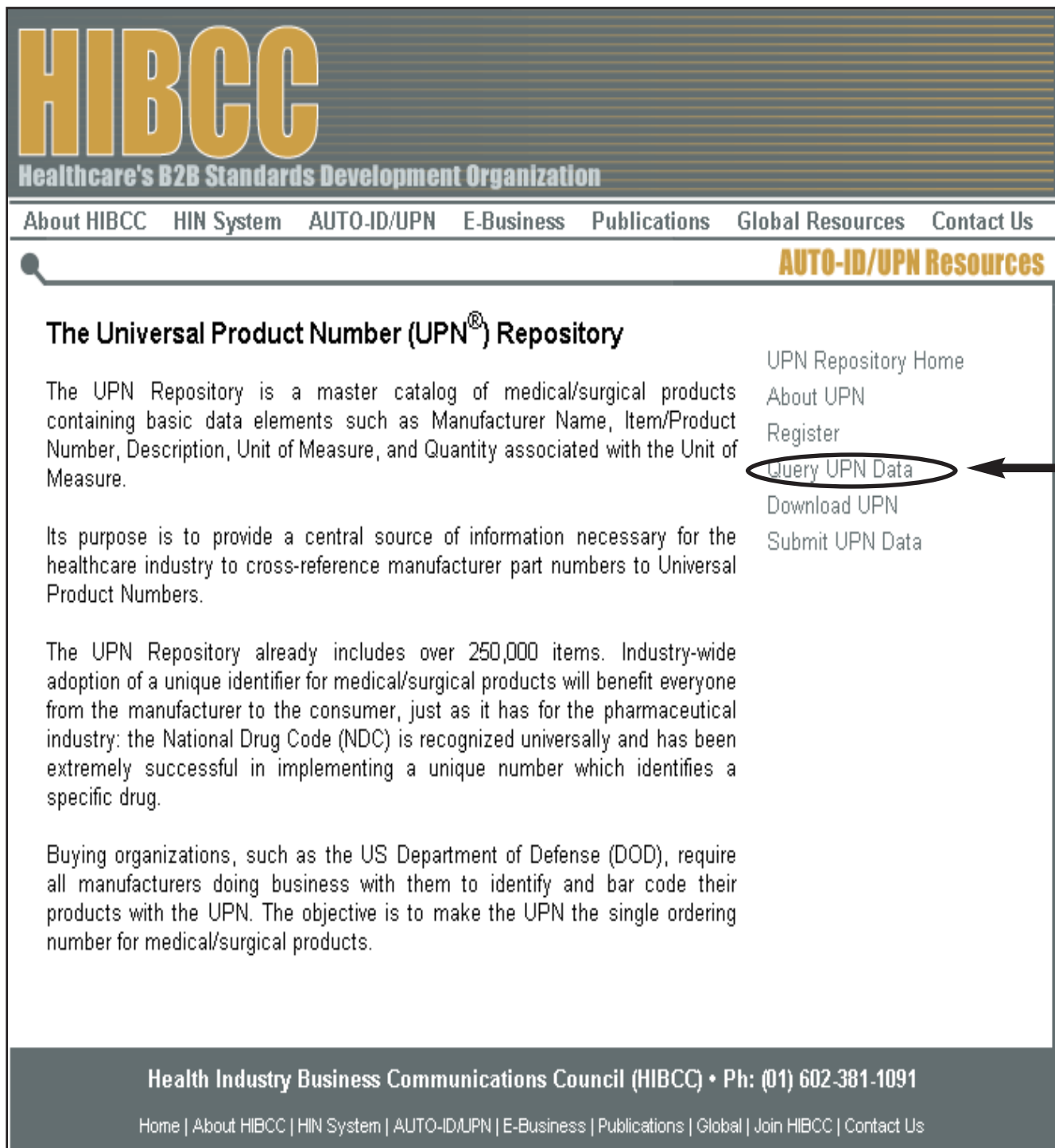
Figure 1.3 - Registration Form for requesting access to UPN Repository

Accessing Repository Data

Querying the UPN

The Query function allows users to look up UPN records by supplier, company prefix, product number, or individual UPN.

- To query the UPN Repository, click on *Query UPN Data* from the **UPN Repository** page (see Figure 2.1).



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- UPN Repository Home
- About UPN
- Register
- Query UPN Data**
- Download UPN
- Submit UPN Data

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Figure 2.1 - Access the Query feature by selecting the “Query UPN Data” link.

- From the **Query UPN Data Log-in** page (see Figure 2.2), enter the password received from HIBCC.

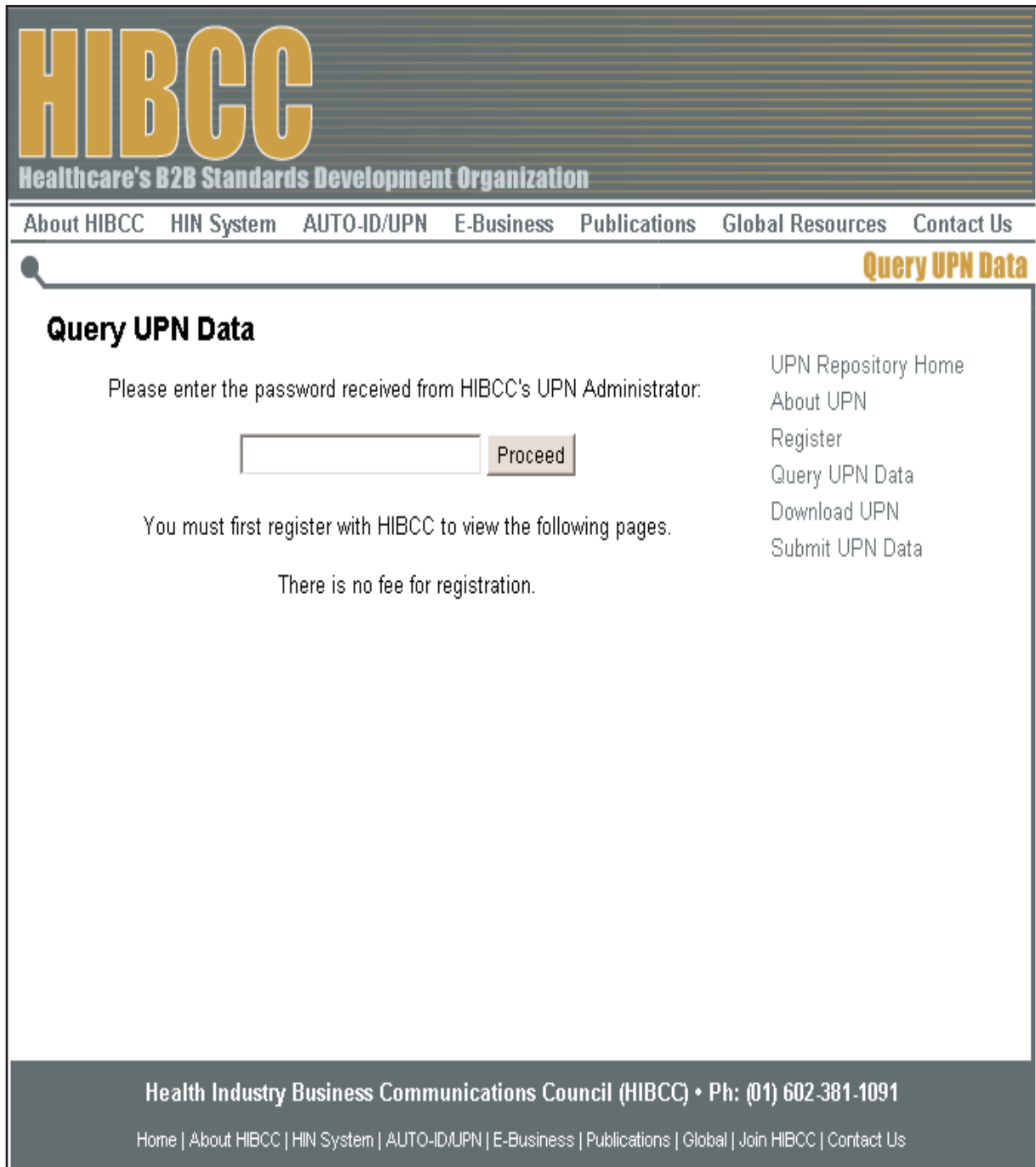


Figure 2.2 - Query UPN Data Log-in Page

After logging in with the user password, the user arrives at the **Query UPN Data** page (see Figure 2.3).

- Look up UPN records by:
 - individual UPN,
 - supplier (company name),
 - company prefix (HIBC-LIC or UCC/EAN), or
 - part number (variable, up to 13 digits, eg. A23JH234KQ999).
- Enter information into one of the four fields and click on “search.”

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Query UPN Data

Query UPN Data

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Search By:
UPN and Part Numbers must be exact matches to return results.

UPN:

Supplier:

Company Prefix:

Part Number:

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Figure 2.3 - Search for records by any of the above formats.

A user can query the repository by any of the four fields defined on the opposite page. One example (see Figure 2.4) is to query by Supplier. By doing so, the repository will pull all records submitted by that Supplier. The results table will show:

- 1)UPN
- 2) Supplier
- 3) Description of item
- 4) Part Number
- 5) Unit of Measure

By clicking on a UPN, a user will be able to view more detailed information regarding the record.

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Query UPN Data

Query UPN Data

UPN	SUPPLIER	DESCRIPTION	PARTNO	UOM
test123	HIBCC	test product	XB345	bx
M235Q220X21	HIBCC	LYPHOCHEK® MATERNAL SERUM CONTROL, TRILEVEL MINIPAK	220X	BX
M235Q305X22	HIBCC	LIQUICHEK™ WHOLE BLOOD VOLATILES CONTROL, BILEVEL MINIPAK	305X	BX
M235Q313X23	HIBCC	LYPHOCHEK® ASSAYED CHEMISTRY CONTROL (HUMAN), BILEVEL MINIPAK	313X	BX
M235Q323X24	HIBCC	LYPHOCHEK® UNASSAYED CHEMISTRY CONTROL (HUMAN), BILEVEL MINIPAK	323X	BX
M235Q353X25	HIBCC	LIQUICHEK™ PEDIATRIC CONTROL, BILEVEL MINIPAK	353X	BX

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Figure 2.4 - Query results when searching by Supplier.

Downloading UPN Repository Distribution File

- Click on *Download UPN* on the right side menu.
- Enter the password for downloads provided by the HIBCC administrator.
- The *Download* page is shown below (see Figure 3.1).

Please Note: When downloading the file, be sure to select the “Save” option prior to opening the file. After saving the file, open it directly from the harddrive.

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Download UPN

UPN Download

You may now download the UPN Repository Distribution File:

[Download UPN File Here](#)

File is approximately 4 MB.

**Please note new layout of the UPN Repository Distribution

[Download New Layout Here](#)

UPN Repository Home
About UPN
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Query UPN Data
Download UPN
Submit UPN Data

NOTE: All of the above named files have been compressed with WinZip. You will need to use it to 'unpack' the file for use. If you do not have Win Zip, you can access it here:
<http://www.hibcc.org/publications.htm>

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Figure 3.1- UPN Download allows a user to download the entire Repository Distribution File.

Submitting Data into UPN Repository

Acceptable Data Structures for the UPN Repository

The UPN is intended to unambiguously identify medical/surgical products in the supply chain, thereby simplifying product distribution. A product at every level of packaging will be assigned a unique UPN, consisting of either the HIBC-LIC or UCC SCC-14 primary data structure.

Data Structure Examples

The HIBC-LIC primary data structure includes the manufacturer's LIC (Labeler Identification Code), manufacturer-assigned product number, packaging level indicator and a link character (check or Link digit).

HIBC-LIC: +H216040A353
 Component Definition

+	HIBC flag character
H216	Manufacturer LIC
040A3	Manufacturer-assigned product number
5	Packaging level indicator
3	Modulus 43 link character (check character)

The UCC/EAN primary data structure consists of a packaging level indicator, UCC/EAN manufacturer ID number, manufacturer assigned product number and a check character.

UCC/EAN: (01)10399999004081
 Component Definition

(01)	UCC application identifier
1	Packaging level indicator
0399999	Manufacturer identification number
00408	Manufacturer-assigned product number
1	Modulo 10 check digit

U.P.C. and EAN-13 data structures must be converted to the 14-digit format by adding the necessary leading zeros.

Please Note: Each level of packaging will have its own record, even if the product is identical. Also note that the application identifier "(01)" used in the UCC/EAN structure and the "+" sign and check character from the HIBC structure are dropped in the data repository. These elements should be stripped off prior to being added to the database.

 Acceptable Data File Structure for the UPN Repository

Please Note: Files will only be accepted if the Company Name matches a Company Name within a user's profile. If a Company Name does not match, the file will be rejected.

File Format:

The table below contains instructions for each line of the UPN Submission file. Data must be saved in tab-delimited format.

Please refer to the "width" column for the maximum amount of characters allowed in a field."

Field Name	Width	Description	Requirements	Notes
UPN	20	UPN	Mandatory	HIBCC-based UPNs must have leading and trailing delimiters and check characters from bar code representation removed.
SUPPLIER	35	Supplier Name	Mandatory	Will be CAPITALIZED in UPN Repository
DIVISION	35	Division Name	Optional	Will be CAPITALIZED in UPN Repository
TRADENAME	35	Trade name for product	Optional	Will be CAPITALIZED in UPN Repository
DESCRIPTION	80	Product description	Mandatory	Will be CAPITALIZED in UPN Repository
UOM	2	Unit of measure code	Mandatory	Use ANSI code list
QTY	8	Quantity of "eaches" in unit of measure.	Mandatory	
PARTNO	20	Product catalog number	Mandatory	
SALEABLE	1	Yes/No flag indicating whether supplier considers product saleable at the packaging level indicated in the UOM field.	Mandatory	Y=Yes N=No
UPNQUAL	2	Qualifier indicating the type of UPN	Mandatory	HI=HIBCC UK=UCC/EAN
SRCCODE	2	Qualifier identifies whether the UPN was sourced from the supplier	Mandatory	MC=UPN records sourced directly from supplier. Leave field empty in repository
TRAKREQ	1	Indicates that the item is required by regulation to be tracked.	Optional	Y=Yes, N=No If not included, field will be empty in repository.
ACTIONCODE	2	Code for type of action to be taken on the record.	Optional	Valid non-null values are: UA=add, UC=change, UD=deactivate If records in the submission do not contain a code, UA will be assumed.
REFERENCE	20	Value is a UPN	Optional	Reference field. Field content is a UPN that replaces or substitutes for the UPN in this record. Entry in field is valid only if ACTIONCODE is UC or UD and reference UPN is in repository or included in the submission.
REFQUAL	2	Reference qualifier for UPN in REFERENCE field	Mandatory if REFERENCE field is populated	Valid qualifiers are UR=replaces, US=substitutes.

Logging in to Submit New Data

To submit UPN data, click on the *Submit UPN Data* link.

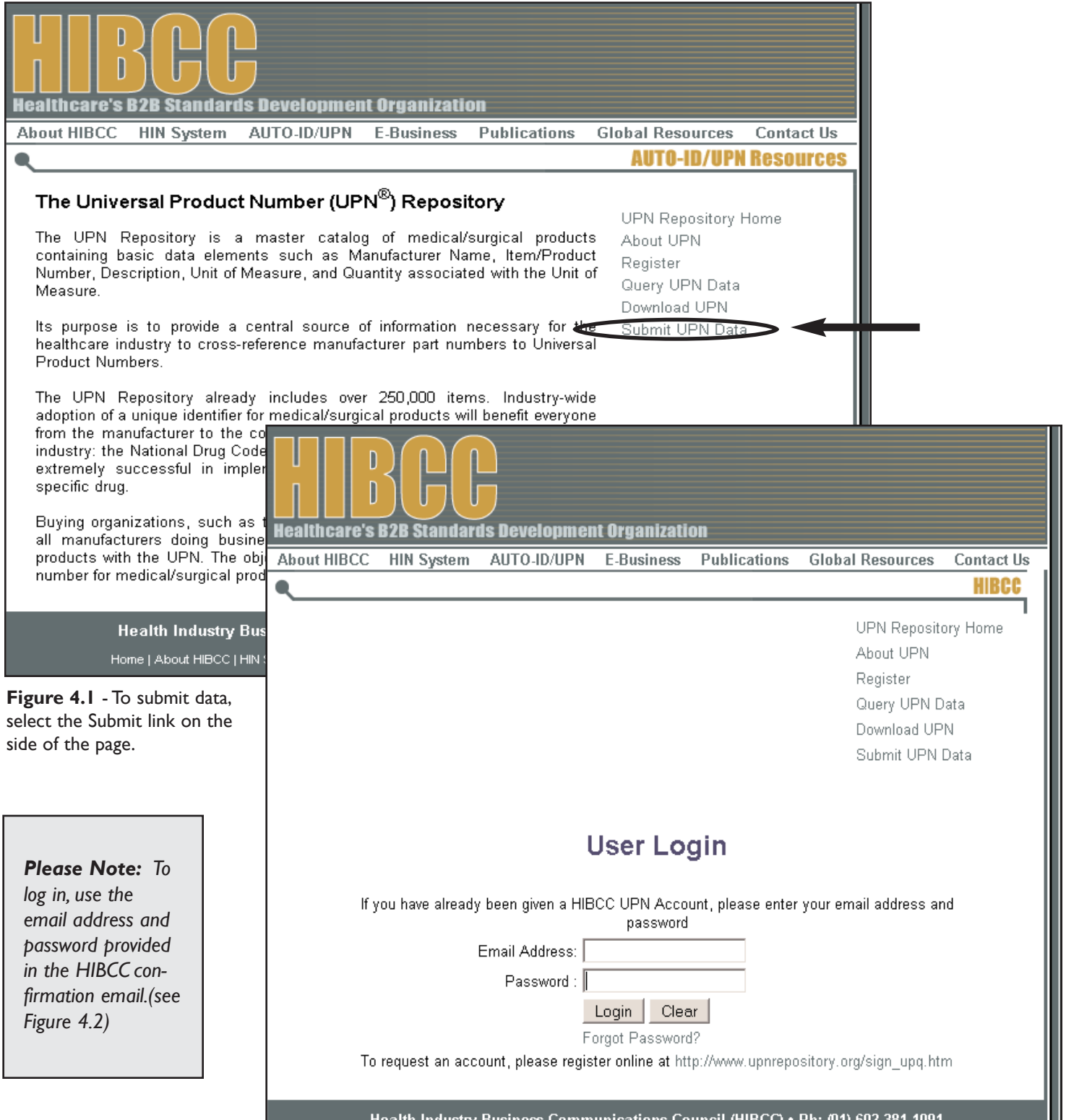


Figure 4.1 - To submit data, select the Submit link on the side of the page.

Please Note: To log in, use the email address and password provided in the HIBCC confirmation email.(see Figure 4.2)

Figure 4.2 - Submit function's login screen

After logging in to the Submit function, a user can add, modify, or view their company's data (see Figure 4.3). The user will have access to the following three options:

- a) Add UPN
- b) Modify/View UPN
- c) File Upload

The screenshot displays the HIBCC website interface. At the top left, the HIBCC logo is prominently displayed in large, bold, orange letters, with the full name 'Healthcare's B2B Standards Development Organization' written below it in a smaller, dark font. A horizontal navigation bar follows, containing links for 'About HIBCC', 'HIN System', 'AUTO-ID/UPN', 'E-Business', 'Publications', 'Global Resources', and 'Contact Us'. On the right side of this bar, there is a smaller HIBCC logo and a 'Logout' link. The main content area is titled 'User Section' in a large, dark font. Below this title, three options are listed vertically: 'Add UPN', 'Modify/View UPN', and 'File Upload'. At the bottom of the page, a dark grey footer bar contains the text 'Health Industry Business Communications Council (HIBCC) • Ph: (01) 602-381-1091'.

Figure 4.3 - The Submit section has three different functions.

The second option for adding or updating UPN information for processing, is to enter data as an individual record into the form (see Figure 4.4). The **Add/Update UPN** option allows a user to add, update, or deactivate one file at a time and does not allow “banking” of updates. When the form is completed, it is submitted for validation and an update is issued if the data pass the validation tests.

- Access this form by clicking on **Add/Update UPN** at the top of the page.

An example of the form is shown below.

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Back to main Logout

New Product Information

		Description	Notes
* UPN	<input type="text"/>	UPN	HIBCC-based UPNs must have leading & trailing delimiters & check character from bar code removed.
* Company	HIBCC ▾	Supplier name	Will be CAPITALIZED in UPN Repository.
Company Names	Health Industry Business Communications Council ▾		Will be CAPITALIZED in UPN Repository.
Division Name	<input type="text"/>	Division name	Will be CAPITALIZED in UPN Repository.
Trade Name	<input type="text"/>	Trade name for product	Will be CAPITALIZED in UPN Repository.
* Product Description	<input type="text"/>	Product description	Will be CAPITALIZED in UPN Repository.

Figure 4.4 - Form for adding an individual record into the Repository

Modifying and Viewing Individual Records

This is done through the main Submit page and by selecting “Modify/View UPNs.” A list of records will appear (see Figure 4.5). Users have the option of viewing 10, 20, or all the entries at once. If the user chooses to view 10 or 20 records at a time, they can use the “next” and “previous” links below the table to navigate through the records.

The records can be sorted by UPN, Company, Trade Name, or Created Date. Clicking on a column title will sort the records by that column.

Selecting “View” will allow the user to view the record but not change it.

Selecting “Edit” will allow the user to modify any field within the record. The changes are automatically updated in the repository and will appear when querying the data.

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Product Details

Number of UPN Records:

Note: To sort by a specific column, click on the appropriate header.

UPN	Company	Trade Name	Created Date	View	Edit
1	HIBCC	TEST PRODUCT	6/18/2005 11:22:16 PM	View	Edit
apy199999004081	HIBCC	TEST PRODUCT1	6/18/2005 11:26:42 PM	View	Edit
apy199999004081	HIBCC	TEST PRODUCT	6/18/2005 11:32:20 PM	View	Edit
apy199999004081	HIBCC	TEST PRODUCTS	6/18/2005 11:35:56 PM	View	Edit

Figure 4.5 - Modify/View records by selecting “View” or “Edit.”

||||| Uploading Multiple Files

The *File Upload* page is the file submission page for UPN subscribers. The Text File box is provided for entering the name and required layout of the desired file (see Figure 4.6).

- Select *Browse* to search for a file
- Once the file is selected, click *Load*.

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File Upload

Select The Text File :

Note: The Company Name must match a Company Name within your profile. If a Company Name does not match, the file will be rejected.

File Format:
The table below contains instructions for each line of the UPN Submission file. Data must be saved in **tab-delimited** format. Please refer to the **"width"** column for the maximum amount of characters allowed in a field."

Field Name	Width	Description	Requirements	Notes
UPN	20	UPN	Mandatory	HIBCC-based UPNs must have leading and trailing delimiters and check character from bar code representation removed.
COMPANY NAME	35	Supplier name	Mandatory	Will be CAPITALIZED in UPN Repository.
DIVISION	35	Division name	Optional	Will be CAPITALIZED in UPN

Figure 4.6 - Browse for file saved on computer by selecting "Browse"

Using the **Upload UPN** page:

- If upload is successful ----- page will display "File Upload Successful"
- If upload is unsuccessful ----- page will display "UPLOAD FAILED"

See examples below (Figures 4.7 and 4.8):

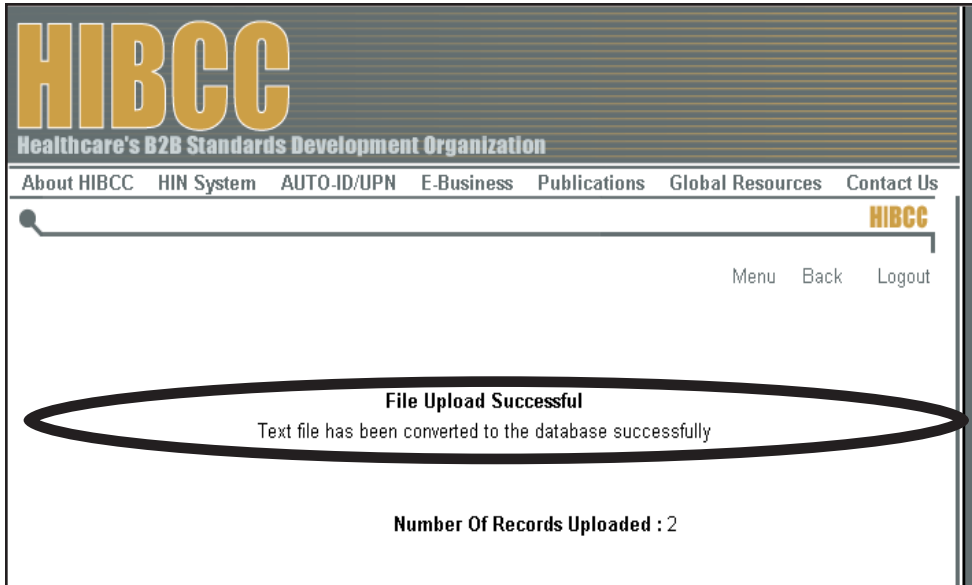
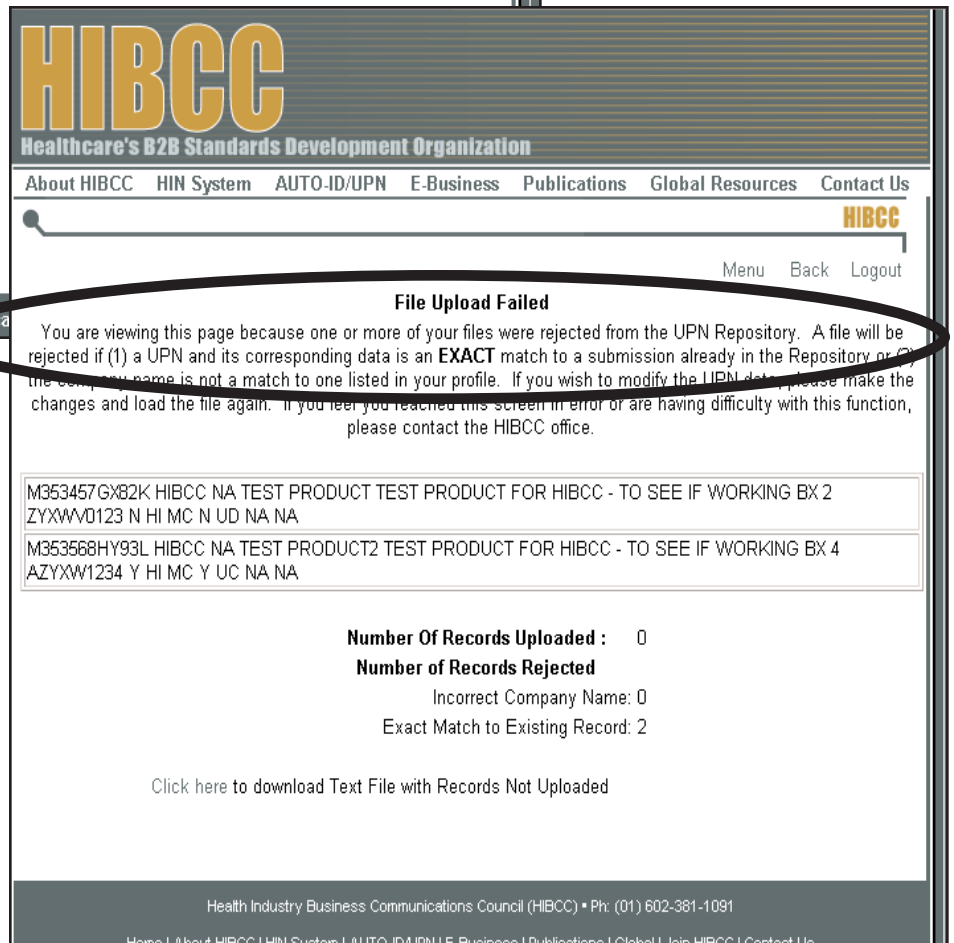


Figure 4.7 - File Upload Successful



Please Note: If some of the files were uploaded successfully, they will be submitted to the repository and the files that failed will appear as seen in figure to the right.

Figure 4.8 - File Upload Failed

About HIBCC

The Health Industry Business Communications Council (HIBCC) is an industry-sponsored and supported non-profit organization. As an ANSI-accredited organization, our primary function is to facilitate electronic communications by developing appropriate standards for information exchange among all health care trading partners.

Our broad mission has involved HIBCC in a number of critical areas, including electronic data interchange message formats, bar code labeling data standards, universal numbering systems and the provision of databases which assure common identifiers.

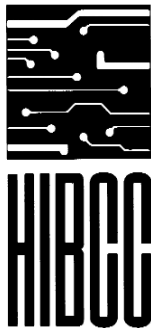
The HIBCC Board of Directors, which oversees HIBCC operations and sets policy, is composed of individuals representing the broad spectrum of the healthcare supply chain.

Permanent Seats *(Appointed by Sponsoring Organizations)*

- Advanced Medical Technology Association (AdvaMed)
- American Hospital Association (AHA)
- Federation of American Hospitals (FAH)
- Healthcare Distribution and Management Association (HDMA)
- Health Industry Distributors Association (HIDA)
- Pharmaceutical Research and Manufacturers of America (PhRMA)

At-Large Seats *(Appointed on a rotating basis by the HIBCC Board to provide a balance of industry representation)*

- American Society for Automation in Pharmacy (ASAP)
- American Veterinary Distributors Association (AVDA)
- Association for Healthcare Resources and Materials Management (AHRMM)
- Healthcare Information and Management Systems Society (HIMSS)
- US Department of Defense (DoD)



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