

WIC Shopper Benefits Import

Introduction

In many WIC state agencies, the WICShopper system can query the Electronic Benefit Account (EBA) information to be displayed in the WICShopper mobile application. EBA information is obtained via an interface between the WICShopper backend system and the WIC Electronic Benefits Transfer (EBT) host responsible for maintaining the WIC EBA balances for the state agency.

Some state agencies contract with WIC EBT host who do not provide interface capabilities to deliver participant benefits balances to applications like WICShopper. In these state agencies, it is necessary to retrieve the WIC card balances from another host system, typically the Management Information System (MIS) or middleware system residing between MIS and the EBT card processor.

The purpose of this document is to define an alternative interface method and file conventions to import EBA information into the WICShopper system. This will enable the WICShopper mobile app to provide benefit information to participants using WICShopper in agencies who's EBT hosts do not provide a real-time interface to WICShopper, as well as agencies that use "off-line" (Smart Card) implementation of eWIC.

Interface Overview

The interface consists of three parts, the first two of which are expanded upon below in this document.

1. **File Exchange Format** - A flat-file generated by the host which contains the EBA information for all active households for that agency.
2. **File Drop Method** - A set of protocols which define the naming convention for the flat file, when it is made available, and how it is transferred between the state agency host and the JPMA WICShopper server.
3. **Import Process** - An application running on the JPMA WICShopper server, which reads the flat-file and imports it into a database accessible by the WICShopper application. This process will be specified in a separate document.

File Exchange Format

The EBA Import file is a Comma Separated Value (CSV) text file. The following list of data elements will be imported into the WICShopper system and are necessary to perform a valid EBA lookup.

Position	Field Name	Example	Description	Constraints
1	AuthorityID	"40"	Numeric code of state agency	Up to 3 digits
2	CardNumber	"6103201234567890"	16 digit eWIC Card number.	16 digits
3	LocationName	"Hart Health Center"	Friendly name of clinic	100 characters
4	AppointmentTime	"2017-11-14T09:00"	Local date and time of appointment	Must be formatted like example. Time will be 24 H format.
5	Address1	"123 N. St"	Physical street address of clinic (where participant will go)	100 characters
6	Address2	"Address 2"	Address2 of clinic (where participant will go)	100 characters
7	City	"Boston"	City of clinic (where participant will go)	100 characters
8	State	"MA"	Two digit state code of clinic (where participant will go)	Up to 10 characters
9	Zip	"12345"	5 digit ZIP code of clinic (where participant will go)	Up to 10 digits
10	PhoneNumber	"555-123-1234"	Phone number of clinic	Must be formatted using conventional phone number formatting. (xxx)xxx-xxxx +1-xxx-xxx-xxxx
11	ClinicEmail	"mail@state.ma.us"	Optional email contact for clinic staff	Must be in email format example@domain
12	AptRequirements	"Proof of income - Proof of address - each person applying for WIC"	Relevant appointment notes.	Markdown formatting supported. If markdown is not used, details will be displayed as combined sentences.
13	HouseholdID	"0123456789"	Optional field – Household ID of participant. Do not include if populating "CardNumber" field.	20 digits



EBA Import CSV File Sample

```

17,610348800000XXXX,1,2019-05-14,2019-06-13,02,000,1.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,03,000,1.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,05,000,36.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,06,000,1.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,16,000,2.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,19,000,9.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,50,002,1.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,52,000,3.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,53,000,128.00
17,610348800000XXXX,1,2019-05-14,2019-06-13,56,000,.00
17,610348800000YYYY,1,2019-05-14,2019-06-13,09,000,8.00
17,610348800000YYYY,1,2019-05-14,2019-06-13,12,000,.00
17,610348800000YYYY,1,2019-05-14,2019-06-13,21,082,2.00
17,610348800000ZZZZ,1,2019-05-15,2019-06-14,02,000,.00
17,610348800000ZZZZ,1,2019-05-15,2019-06-14,03,000,.00
17,610348800000ZZZZ,1,2019-05-15,2019-06-14,05,000,6.00
17,610348800000ZZZZ,1,2019-05-15,2019-06-14,06,000,1.00

```

EBA Import File Considerations:

- Benefit records for each PAN should be provided in contiguous blocks
- Only cards in the EBA file will be eligible to be registered in the WICShopper client. Therefore, considerations should be taken for “Active” cards without current benefits if they are not included in the EBA extract. One solution is to include the card in the EBA extract with at least one benefit with a zero redeemable balance.
- Extracts can be sent to the WICShopper host multiple times per day to keep benefits ‘fresh’.

File Drop Process**Naming convention**

File naming format should conform to the following convention - <AuthID>-YYYYMMDDTHHMMSS-TZOS.csv where –

- <AuthID> = two or four-character alphanumeric ID of the WIC Authority
- YYYYMMDDTHHMMSS = Date and time the file is created.
- -TZOS CT_20190924T153000-0400.zip.csv.

To reduce file size, the file should be compressed to a .zip file. Using the example above, the file name is:

CT_20190924T153000-0400.zip

File Transfer

File will be placed on our SFTP site on a schedule TBD.

Server: jpma.exavault.com

Unique user credentials will be provided to each agency after import file has been tested and approved.



jpma

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To be defined:

- Action taken if file is missing
- Action taken to report bad records

