

## **Export - Import Feature**

See below for import/export format and usage notes.

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### **Export function**

For export, from the File Menu select “Export Receivers to...” and browse to the location you wish to create the export file.

See below for export file format.

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### **Import function**

For import from data generated from other applications:

Please note that for import the first 10 fields are required (tab-delimited):

ReceiverName, ReceiverID, MessagingService, LoggingFlag, RouteOnFailureFlag, AltReceiverID, AltMessagingService, EncryptionType, EncryptionKey, ReservedField

Example (no RouteOnFailure, no Encryption):

```
John Doe<tab>7891234567<tab>MessagingServiceName<tab>1<tab>0<tab><tab><tab>0<tab><tab>0
```

ALSO, the MessagingService name must exist in the Messaging Service database before import.

From Excel or database program save in tab delimited format. Please note that some versions of Excel save files in UTF-8 or Unicode encoded format by default, you may then need to open the text file in NotePad and save as “ANSI” encoded format before importing.

From the File Menu select “Import Receivers from..” and browse to your tab-delimited import file.

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## Export / Import file specification

ReceiverName<tab>ReceiverID<tab>MessagingService<tab>LoggingFlag<tab>RouteOnFailureFlag<tab>AltReceiverID<tab>AltMessagingService<tab>EncryptionType<tab>EncryptionKey<tab>ReservedField[<tab>GroupName1<tab>GroupName2<tab>Groupname3<tab>...]

Field #	Field Name	Content Type	Required?	Empty Allowed?	Length (in characters)	Comments
1	ReceiverName	Alphanumeric	yes	no	32 max.	
2	ReceiverID	Alphanumeric	yes	no	256 max.	
3	MessagingService	Alphanumeric	yes	no	32 max.	
4	LoggingFlag	Numeric	yes	no	1	0 – message logging disabled 1 – message logging enabled
5	RouteOnFailureFlag	Numeric	yes	no	1	0 – route on failure disabled 1 – route on failure enabled
6	AltReceiverID	Alphanumeric	yes	yes	256 max.	Ignored if RouteOnFailure flag is 0
7	AltMessagingService	Alphanumeric	yes	yes	32 max.	Ignored if RouteOnFailure flag is 0
8	EncryptionType	Numeric	yes	no	1	0 – No Encryption 1 – Unication Legend (POCSAG) 2 – Unication AES (FLEX)
9	EncryptionKey	Numeric	yes	yes	16 max.	Ignored if EncryptionType is 0
10	RESERVED FIELD	Numeric	yes	no	1	0 – Default (Set field to 0)
[11]	GroupName1	Alphanumeric	optional		32 max.	
[12]	GroupName2	Alphanumeric	optional		32 max.	
[...]	GroupName(n)	Alphanumeric	optional		32 max.	

## **Export / Import Notes**

- The file consists of ASCII text, tab-delimited, one receiver entry per line (ANSI format)
- On export the user selects the output file name and location with a File Save dialog
- On import user selects the input file with a File Open dialog
- On import file is processed line by line, with any problem causing the line to be skipped. Possible problems include:
  - Any of the required fields missing
  - Any field containing invalid information
  - Any field exceeding its maximum size
  - Line exceeding any OS-dependent limit on line length
  - Number of optional groups exceeding product group limit
- If there is an error during import a pop-up will be displayed showing the line number where the error occurred and any other info that we can include that will help in fixing the problem.
- The Services database (Services.irt) must already exist, and the MessagingService and/or AltMessagingService must already exist in the Services.irt database for import.
- Required fields for import: ReceiverName, ReceiverID, MessagingService, LoggingFlag, RouteOnFailureFlag, AltReceiverID, AltMessagingService, EncryptionType, EncryptionKey, ReservedField
- RouteOnFailure feature available in AlphaPage First Responder, Watch-IT and Enterprise products

## Export / Import Usage notes

- The program will export to a tab delimited text file (ANSI format) which can then be imported into an Excel spread sheet or database as desired.
- From Excel or database program save in tab delimited format. Please note that some versions of Excel save files in UTF-8 or Unicode encoded format by default, you may then need to open the text file in NotePad and save as “ANSI” encoded format before importing.
- If not using RouteOnFailure, but are using Groups, note there will be 3 tabs between RouteOnFailureFlag and the EncryptionType field.

To illustrate, *if using RouteOnFailure* the data *after the RouteOnFailureFlag* would be:

```
ReceiverName<tab>ReceiverID<tab>MessagingService<tab>LoggingFlag<tab>RouteOnFailureFlag  
<tab>AltReceiverID<tab>AltMessagingService <tab> EncryptionType <tab>EncryptionKey<tab>ReservedField<tab>FirstGroup
```

(note the **3 tabs** from RouteOnFailureFlag to the EncryptionType field)

The ‘tab’ is required “between” fields. If not using RouteOnFailure, then the 2 empty fields cause there to be 3 consecutive tabs.

Therefore, if not using RouteOnFailure the data *after RouteOnFailureFlag* would be:

```
ReceiverName<tab>ReceiverID<tab>MessagingService<tab>LoggingFlag<tab>RouteOnFailureFlag  
<tab> <tab> <tab> EncryptionType<tab>EncryptionKey<tab>0<tab>FirstGroup
```

```
John Smith<tab>9785551212<tab>My Service<tab>1<tab>0  
<tab> <tab> <tab> 2<tab>1234567890123456<tab>0<tab>FirstGroup
```

If not using Encryption:

```
ReceiverName<tab>ReceiverID<tab>MessagingService<tab>LoggingFlag<tab>RouteOnFailureFlag  
<tab> <tab> <tab>0<tab><tab>0<tab>FirstGroup
```

```
John Smith<tab>9785551212<tab>My Service<tab>1<tab>0  
<tab> <tab> <tab> 0<tab><tab>0<tab>FirstGroup
```