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File Processing Automation: Data Dictionary

This data dictionary provides definitions and values for input and output variables in File Processing Automation (FPA) files and reports.

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1.0 Platform

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Input File Values

Opt-In File

The table below shows the most common information in a client's Opt-In file. Not all clients will use all the variables shown. The minimum variable required for an Opt-In file is *MobileNo*.

Column Header	Format [max]	Definition	Sample Values
MobileNo	String [20]	Phone number of subscriber.	12145551212
FirstName	String [100]	First name of subscriber.	John
LastName	String [100]	Last name of subscriber.	Doe
TIQFromDate	mm/dd/yyyy	If used for TIQ Lookback.	07/20/2022
TIQToDate	mm/dd/yyyy	If used for TIQ Lookback.	07/20/2022
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	1234567

Campaign File

The table below shows the most common information in a client's Campaign file. Not all clients will use all the variables shown. The minimum variables required for a Campaign file are *MobileNo* and *TemplateID*.

Column Header	Format [max]	Definition	Sample Values
MobileNo	String [20]	Phone number of subscriber.	12145551212
FirstName	String [100]	First name of subscriber.	John
LastName	String [100]	Last name of subscriber.	Doe
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	1234567
TemplateID	Integer [5]	Integer associated with the templated message that was delivered.	5
URL	String	If used for SmartClick/SmartURL.	https://xyz.com/page.htm

Return File Results



Carrier Lookup

The return file contains scrub results from a Carrier Lookup during an Opt-In.

Column Header	Format	Definition	Sample Values
MobileNo	String [20]	Phone number of subscriber.	12145551212
FirstName	String [100]	First name of subscriber.	John
LastName	String [100]	Last name of subscriber.	Doe
TIQFromDate	mm/dd/yyyy	If used for TIQ Lookback.	07/20/2022
TIQToDate	mm/dd/yyyy	If used for TIQ Lookback.	07/20/2022
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	1234567
TemplateID	Integer [5]	Integer associated with the templated message that was delivered (only if used).	5
Status	String [20]	The current condition of the phone number.	Mobile, Landline, Invalid
Carrier	String [100]	The service provider associated with the subscriber's phone number.	

Subscriber Status

The return files will be separated and tagged with `_NEW`, `_ACTIVE`, `_INACTIVE`, or `_UNDERVERIFICATION`.

Column Header	Format	Definition	Sample Values
MobileNo	String [20]	Phone number of subscriber.	12145551212
FirstName	String [100]	First name of subscriber.	John
LastName	String [100]	Last name of subscriber.	Doe
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	1234567

TemplateID	Integer [5]	Integer associated with the templated message that was delivered (if used - example: optin + campaign workflow).	5	<input type="checkbox"/>
URL	String	If used for SmartClick/SmartURL.	https://xyz.com/page.htm	

Report Results

Outbound Messages

Column Header	Format	Definition	Sample Values
Group	String [500]	Name of SBT structure where the activity is taking place.	
Code	String [20]	The delivery code that text messages flow through.	
Phone	String [20]	Phone number of subscriber.	12145551212
ModeOfCommunication	String [100]	Format of text message (SMS, MMS).	
Message	String [1000]	Content of the text that was delivered/received.	
MessageCategory	String [50]	Type of message that was delivered/received.	
MessageSubCategory	String [50]	Further specification of message type, associated with MessageCategory.	
TimeStamp	String [25]	Time period when the event took place.	
Note	String [500]	Optional data associated with a specific text message.	
DeliveryStatus	String [50]	Text representation of DeliveryStatusID.	
DeliveryStatusID	Integer [3]	Numerical code associated with the DeliveryStatus.	
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	

UserName	String [100]	Log in information associated with the T2C user.	<input type="checkbox"/>
TransactionTicket	String [50]	Alphanumeric string associated with the text message.	
TemplateID	Integer [5]	Integer associated with the templated message that was delivered.	
OrgCode	String [20]	Alphanumeric string associated with the SBT structure where activity is taking place.	
Remarks	String [160]	Optional data associated with a specific text message only used for agent responses in two-way chat.	

Inbound Messages

Column Header	Format	Definition	Sample Values
Group	String [500]	Name of SBT structure where the activity is taking place.	
GroupCode	String [20]	Alphanumeric string associated with the SBT structure where activity is taking place.	
MobilePhoneNo	String [20]	Phone number of subscriber.	12145551212
FirstName	String [100]	First name of subscriber.	John
LastName	String [100]	Last name of subscriber.	Doe
Carrier	String [100]	The service provider associated with the subscriber's phone number.	
NewCarrier	String [100]	The service provider associated with the subscriber's phone number after a deactivation/ported event.	
Status	String [20]	The current condition of the phone number.	

DeactivationDate	String [25]	The date provided by the carrier when they received the deactivation.	07/20/20 <input type="text"/>
CreatedOn	String [25]	The date a deactivated phone number was made inactive in SbT.	07/20/2022
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	

Deactivations

Column Header	Format	Definition	Sample Values
Group	String [500]	Name of SBT structure where the activity is taking place.	
GroupCode	String [20]	Alphanumeric string associated with the SbT structure where activity is taking place.	
MobilePhoneNo	String [20]	Phone number of subscriber.	12145551212
FirstName	String [100]	First name of subscriber.	John
LastName	String [100]	Last name of subscriber.	Doe
Carrier	String [100]	The service provider associated with the subscriber's phone number.	Doe
NewCarrier	String [100]	The service provider associated with the subscriber's phone number after a deactivation/porting event.	
Status	String [20]	The current condition of the phone number.	
DeactivationDate	String [25]	The date provided by the carrier when they received the deactivation.	mm/dd/yyyy
CreatedOn	String [25]	The date a deactivated phone number was made inactive in SbT.	
UniqueID	String [100]	Optional identifier associated with the subscriber's phone number.	



FinText Platform (2.0)

SFTP Servers

- Production: sftp-v2.solutionsbytext.com
- Staging: sftp-v2-nonp.solutionsbytext.com

Input File Values

Note: Strings in the FinText Platform do not have a maximum length limit.

Opt-In File

The table below shows the most common information in a client's Opt-In file. Not all clients will use all the variables shown. The minimum variable required for an Opt-In file is *MobileNo*.

Column Header	Format	Definition	Sample Values
MobileNo	String	Phone number of subscriber.	12145551212
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
DeactFromDate	mm/dd/yyyy	If used for TIQ Lookback.	07/20/2022
DeactToDate	mm/dd/yyyy	If used for TIQ Lookback.	07/20/2022
SubscriptionType	String [see Values]	Overrides default Opt-In method.	Optin, Pin, ReservedWord, SilentOptin
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567

Campaign File

The table below shows the most common information in a client's Campaign file. Not all clients use all the variables shown. The minimum variables required for a Campaign file are *MobileNo* and *TemplateID*.

Column Header	Format	Definition	Sample Values
MobileNo	String	Phone number of subscriber.	12145551212
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567
TemplateID	String	Integer associated with the templated message that was delivered.	5
URL	String	Long URL to be shortened.	https://xyz.com/page.htm

Return File Results

Carrier Lookup

The return file contains scrub results from a Carrier Lookup during an Opt-In.

Column Header	Format	Definition	Sample Values
MobileNo	String	Phone number of subscriber.	12145551212
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567
DeactFromDate	datetime	Date from which the TIQ Lookback is performed.	mm/dd/yyyy hh:mm:ss
DeactToDate	datetime	Date to which the TIQ Lookback is performed.	mm/dd/yyyy hh:mm:ss
TemplateID	String	Integer associated with the templated message that was delivered.	5

URL	String	Long URL to be shortened.	https://xyz.com/page.h
Status	String	The current condition of the phone number.	Mobile, Landline, Invalid
Carrier	String	The service provider associated with the subscriber's phone number.	

Subscriber Status

The return files will be separated and tagged with `_NEW`, `_ACTIVE`, `_INACTIVE`, or `_UNDERVERIFICATION`.

Column Header	Format	Definition	Sample Values
MobileNo	String	Phone number of subscriber.	12145551212
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567
DeactFromDate	datetime	Date from which the TIQ Lookback is performed.	mm/dd/yyyy hh:mm:ss
DeactToDate	datetime	Date to which the TIQ Lookback is performed.	mm/dd/yyyy hh:mm:ss
ReferenceID	String	Optional data associated with a specific text message.	<i>If specified by client</i>
TemplateID	String	Integer associated with the templated message that was delivered.	5
URL	String	Long URL to be shortened.	https://xyz.com/page.htm

Report Results

Outbound Messages

Column Header	Format	Definition	Sample Values
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BrandName	String	Name of the brand under which all group resides as marketing or non-marketing consent category.	Sky high bank credit cards <input type="checkbox"/>
BrandId	String	Alphanumeric string associated with the SBT structure where under which all group resides as marketing or non-marketing consent category.	09d30558-0af9-4b50-b3d3-b9986424d4ec
GroupName	String	Name of SBT structure where the activity is taking place.	all-customers
GroupId	String	Alphanumeric string associated with the SBT structure where activity is taking place.	f0618891-6561-43fb-ae67-c84f5448cea7
ConsentCategory	String	These are categories of groups.	Marketing and non-marketing.
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
MobileNo	String	Phone number of subscriber.	12345678900
MessageId	String	Alphanumeric string associated with the text message.	ca03a49b-7222-4bd5-93a4-3f29d605244e
DeliveryStatus	String	Text representation of DeliveryStatusID.	Delivered, Queued to Carrier, Undeliverable
DeliveryStatusCode	String	SBT numerical code associated with the DeliveryStatus.	100, 102, 200
Message	String	Content of the text that was delivered/received.	"Hello {FirstName} {LastName}, this is..."
TemplateId	String	Id of the template	23
MessageCategory	String	Type of message that was delivered/received.	Multicast, AutoResponse, OptInResponse,

MessageSubCategory	String	SubType of the message that was delivered/received.	API, VBT, Response <input type="checkbox"/>
Direction	String	Direction that the message traveled.	Outbound
ReferenceId	String	Optional data accociated with a specific text message.	<i>If specified by client</i>
CommunicationCode	String	The delivery code that text messages flow through.	12345 67890
SentAt	datetime	Message origination date and time.	mm/dd/yyyy hh:mm:ss
DeliveredAt	datetime	Message successfully delivered date and time to mobile	mm/dd/yyyy hh:mm:ss
UIUserFirstName	String	First name of agent who sent the message.	Jane
UIUserLastName	String	Last name of agent who sent the message.	Doe
UserId	String	Username of agent who sent the message.	jdoe
SentTimeLocal	datetime	Message originate date and time based on the timezone offset given.	mm/dd/yyyy hh:mm:ss
DeliveredTimeLocal	datetime	Message successfully delivered. Date and time to mobile based on the timezone offset given.	mm/dd/yyyy hh:mm:ss
TotalMessageSegments	Integer	Number of message parts to be billed.	2
ModeOfCommunication	String	Mode of message communicated to customer.	SMS and MMS
Remarks	String	Remarks is the reference text added when message is sent to customer.	Test remark

UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567	<input type="checkbox"/>
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Inbound Messages

Column Header	Format	Definition	Sample Values
BrandName	String	Name of the brand under which all group resides as marketing or non-marketing consent category.	Sky high bank credit cards
BrandId	String	Alphanumeric string associated with the SBT structure where under which all group resides as marketing or non-marketing consent category.	09d30558-0af9-4b50-b3d3-b9986424d4ec
GroupName	String	Name of SBT structure where the activity is taking place.	all-customers
GroupId	String	Alphanumeric string associated with the SBT structure where activity is taking place.	f0618891-6561-43fb-ae67-c84f5448cea7
ConsentCategory	String	These are categories of groups	Marketing and Non-marketing
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
MobileNo	String	Phone number of subscriber.	12345678900
MessageId	String	Alphanumeric string associated with the text message.	ce065e5b-33e6-4239-8812-5465e907e045
Message	String	Content of the text that was delivered/received.	"stop" "hello there"
MessageCategory	String	Type of message that was delivered/received.	ReservedKeyword, TwoWay

MessageSubCategory	String	SubType of the message that was delivered/received.	Help, Stop, Stopall and NA
ModeOfCommunication	String	Mode of message communicated to customer.	SMS and MMS
Direction	String	Direction that the message traveled.	Inbound
ReferenceId	String	Optional data associated with a specific text message.	<i>If specified by client</i>
CommunicationCode	String	The delivery code that text messages flow through.	12345 67890
ReceivedAt	datetime	Message successfully received date and time.	mm/dd/yyyy hh:mm:ss
ReadAt	datetime	Not in use; may be used for rich messaging in future.	mm/dd/yyyy hh:mm:ss
ReceivedTimeLocal	datetime	Message successfully received date and time based on the timezone offset given.	mm/dd/yyyy hh:mm:ss
ReadTimeLocal	datetime	Not in use; may be used for rich messaging in future.	mm/dd/yyyy hh:mm:ss
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567

Deactivations

Column Header	Format	Definition	Sample Values
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
CountryCode	String	Text representation of the country of messaging.	
Msisdn	String	Phone number of subscriber.	12145551212

DialingCode	String	Country code prefix.	
OldCarrierId	String	Internal number associated with a carrier.	
OldCarrierName	String	The service provider associated with the subscriber's phone number.	
NewCarrierId	String	Internal number associated with a carrier.	
NewCarrierName	String	The service provider associated with the subscriber's phone number.	
MobileStatus	String	The current condition of the phone number.	Mobile, Landline, Invalid
Event	String	Deactivated vs Ported.	Deactivated, Ported
EventDate	datetime	Date of the deactivation or port event.	mm/dd/yyyy hh:mm:ss
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567

Live Metrics Outbound

Column Header	Format	Definition	Sample Values
GroupName	String	Name of SBT structure where the activity is taking place.	all-customers
GroupId	String	Alphanumeric string associated with the SbT structure where activity is taking place.	f0618891-6561-43fb-ae67-c84f5448cea7
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
Msisdn	String	Phone number of subscriber.	12145551212
MessageId	String	Alphanumeric string associated	ca03a49b-7222-4bd5-

		with the text message.	93a4-3f29d605244e	<input type="checkbox"/>
templateId	String	Integer associated with the templated message that was delivered.	5	
DeliveryStatus	String	Text representation of DeliveryStatusID.		
DeliveryStatusCode	String	Numerical code associated with the DeliveryStatus.		
Message	String	Content of the text that was delivered/received.		
MessageCategory	String	Type of message that was delivered/received.		
Direction	String	Direction that the message traveled.	Outbound	
ReferenceId	String	Optional data associated with a specific text message.		
CommunicationCode	String	The delivery code that text messages flow through.	12345 67890	
modeOfCommunication	String	Message type.	SMS, MMS, ALL	
SentAt	datetime	Message originate date and time.	mm/dd/yyyy hh:mm:ss	
DeliveredAt	datetime	Message successfully delivered date and time to mobile	mm/dd/yyyy hh:mm:ss	
UIUserFirstName	String	First name of agent who sent the message.	Jane	
UIUserLastName	String	Last name of agent who sent the message.	Doe	
UserId	String	Username of agent who sent the message.	jdoe	
SentTimeLocal	datetime	Message originate date and time based on the timezone offset given.	mm/dd/yyyy hh:mm:ss	

DeliveredTimeLocal	datetime	Message successfully delivered. Date and time to mobile based on the timezone offset given.	mm/dd/yyyy hh:mm <input type="text"/>
TotalMessageSegments	Integer	Number of message parts to be billed.	2
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567

Live Metrics Inbound

Column Header	Format	Definition	Sample Values
GroupName	String	Name of SBT structure where the activity is taking place.	all-customers
GroupId	String	Alphanumeric string associated with the SbT structure where activity is taking place.	f0618891-6561-43fb-ae67-c84f5448cea7
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
Msisdn	String	Phone number of subscriber.	12145551212
MessageId	String	Alphanumeric string associated with the text message.	ca03a49b-7222-4bd5-93a4-3f29d605244e
Message	String	Content of the text that was delivered/received.	
MessageCategory	String	Type of message that was delivered/received.	
Direction	String	Direction that the message traveled.	Inbound
ReferenceId	String	Optional data associated with a specific text message.	
CommunicationCode	String	The delivery code that text messages flow through.	12345 67890

modeOfCommunication	String	Message type.	SMS, MMS, ALL
ReceivedAt	datetime	Message successfully received date and time.	mm/dd/yyyy hh:mm:ss
ReadAt	datetime	Not in use; may be used for rich messaging in future.	mm/dd/yyyy hh:mm:ss
ReceivedTimeLocal	datetime	Message successfully received date and time based on the timezone offset given.	mm/dd/yyyy hh:mm:ss
ReadTimeLocal	datetime	Not in use; may be used for rich messaging in future.	mm/dd/yyyy hh:mm:ss
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567

Subscriber Report

Column Header	Format	Definition	Sample Values
FirstName	String	First name of subscriber.	John
LastName	String	Last name of subscriber.	Doe
MiddleName	String	Middle name of subscriber.	James
MobileNo	String	Phone number of subscriber.	12145551212
LandlineNo	String	Landline phone number, if applicable.	12145551212
ImageUrl	String	Subscriber image, if available.	https://xyz.com/igm.jpg
Email	String	Subscriber's email address.	name@mail.com
Gender	String	If available.	
Age	String	If available.	
Status	String	Subscriber's subscription status.	A, I, U (Active, Inactive, Underverification)
Street	String	Subscriber's street address.	55 Canyon Rd
Address2	String	Subscriber's street address.	Apt 270

City	String	Subscriber's city of residence.	Anytown
State	String	Subscriber's state of residence.	CA
PostalCode	String	ZIP Code (in the US).	92310
CountryCode	String	If applicable.	
UniqueID	String	Optional identifier associated with the subscriber's phone number.	1234567
CarrierName	String	The service provider associated with the subscriber's phone number.	Verizon Wireless, T-Mobile, AT&T Wireless Inc.
CarrierId	String	Internal number associated with a carrier.	123
FirstOptInDate	datetime	Date subscriber initially opted in.	mm/dd/yyyy hh:mm:ss
LastOptinDate	datetime	Date subscriber last opted in.	mm/dd/yyyy hh:mm:ss
LastOptoutDate	datetime	Date subscriber last opted out.	mm/dd/yyyy hh:mm:ss
OptinType	String	Method used to opt-in the subscriber.	VBT
OptoutType	String	Method or keyword used by the subscriber to opt out.	STOP

Consolidated Brand-Level Inbound/Outbound Report

Column Header	Format	Definition	Sample Values
GroupName	String	Name of SBT structure where the activity is taking place.	all-customers
CommunicationCode	String	The delivery code that text messages flow through.	12345 67890
Status	String	Text representation of Delivery/received StatusID.	Delivered, Queued to Carrier, Undeliverable, Read
MobileNo	String	Phone number of subscriber.	12345678900

Message	String	Content of the text that was delivered/received.	"Hello {FirstName} {LastName}, this is.. <input type="text"/>
ModeOfCommunication	String	Mode of message communicated to customer.	SMS and MMS
DateTime	datetime	Message successfully delivered/received time.	mm/dd/yyyy hh:mm:ss
MessageId	String	Alphanumeric string associated with the text message.	ce065e5b-33e6-4239-8812-5465e907e045
Direction	String	Direction that the message traveled.	Outbound or Inbound
TemplateId	String	ID of the template used.	23

Was this article helpful?

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