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Overview

Short Message Service (SMS) is a text messaging service that enables the sending and receiving of messages between mobile phones. A text message can include 160 characters if 7-bit character encoding (Latin characters) is used or 70 characters if 16-bit Unicode UCS2 character encoding is used (non-Latin characters such as Chinese). Sending SMS text messages requires the eFORMz Assembly Engine, the eDIRECT+ SMS Gateway and an SMS Provider.

SMS Gateway Configuration

Configuring the eFORMz Project

The eFORMz Assembly Engine monitors a directory for incoming data generated by a software application and then merges that data with a form or document to be printed, faxed, emailed, archived or outputted as a file. A portion of this data can also be sent as a text message with the eDIRECT+ SMS Gateway process.

1. To configure the eFORMz Assembly Engine, select File > New Project from the eFORMz Composer.

Minisoft eFORMz Composer (8.04.05), Licensed to Minisoft, eDIRECT PLUS Enabled		
File Project Run Host Tools Window Help		
📂 Open Project		
Several Section 2017 Project	(B) ar	- 17
😡 Save Project	Ulewer	
🗟 Save Project As		
🚰 System Properties		
Exit		
_		
Project eDIRECT PLUS		
Variables		

2. Right click the Project and select Add Page.



3. Select OK to proceed.

Page Properties	×
Page Input XML Input	
Lines per page 0 * * 0 = use formf for page bre	feed character eaks
ок	Cancel

4. Right click the Page and choose the Add Form option.



5. Pick the Blank option.

Select	
Source of Form	
 From file Blank 	
<u>0</u> K	Cancel

6. The Form Properties dialog box will display. Click OK to continue.

Form Properties		
General Font Data Suppression Zebra XML HTML Output		
Page Size Letter Form Data Orientation Portrait Top offset 0.0 0.0 Lines per inch 6.000 0.0 0.0		
Data viewer size: Match page size Fixed Width 5760.0 Height 7920.0		
Exclude data Overlay on previous form		
Paper side Next Source Tray Current Suppress output when empty Output Tray Current		
Edit condition OK Cancel		

7. Right click the Project and select Display Forms and Data.



8. Choose the From file option.

Select	×	
Source of data		
From file		
🔾 Test data		
<u>0</u> K	<u>C</u> ancel	

Mini-Manual

9. Find and open the appropriate data file.

💩 Data file	×
Look <u>I</u> n:	SMS
ecometry_	OrderConfirm.hld
File <u>N</u> ame:	ecometry_OrderConfirm.hld
Files of <u>T</u> ype:	All Files
	Open Cancel

📓 Minisoft eFORMz Composer (8.04.05), Licensed to Minisoft, eDIRECT PLUS Enabled		
File Project Run HostTools Window Help		
2 2 4 7 2 3 6 1 2		
🔺 Project 🛛 🖉	Viewer	<u>ک</u> 'ت
	View 👻 🚭 Open Data	
Υ El Page1 □ D Blank	🔍 🔍 120 dpi 🔢 🖽 🔛 🔛 ecometry_OrderConfirm.hld 🤄 1 🖨	3702.0:6.0
		-
		=
	TO:EFZ@MINISOFT.COM	
	FROM:shipping@minisoft.com	
	SUBJECT:Order NumberT00000060000	
	Dear JOHN SMITH,	
		► ►
-		_
		=
Project eDIRECT PLUS		
Variables 🛛 🖄	TO:EFZ@MINISOFT.COM	
	FROM:shipping@minisoft.com	
	SUBJECT:Order NumberT00000060000	
	Dear JOHN SMITH,	
		•
		T. 10.00
Biank	Biank	

10. The Blank Form and data file will display in the eFORMz Composer.

11. In the top right Viewer window pane, the incoming data from the file will be showing. To take some portion of this file for use in a text message, a Variable can be created. Left mouse click and drag a given string of characters, then right click and select Add Variable.

Viewer	
View 👻 🖼 Open Data	
🔍 🔍 120 dpi 🗄 🖽 🛃 🔛 ecome	try_OrderConfirm.hld 🔄 1 🖨
TO:EFZ@MINISOFT.COM	
FROM:shipping@minisoft.com SUBJECT:Order Number[700000	060000
Dear JOHN SMITH,	Add Variable Add Procedure >
Thank vou for vour recent	Add Rule
Your order number is T0000	Edit Variable

12. The Variable dialog box will display. Enter a name and click OK to continue.

Variable	×
Name OrderNumber	
Horizontal position 1440.0	Vertical position 840.0
# of characters 12	Height 0.0 *
	* 0 = Form line height
Repeat 1 time(s)	Increment line by 1
Copy original data to output	Include variable in XML output
Use as a bookmark in PDF ou	utput
	<u>O</u> K <u>C</u> ancel

13. Repeat the process with any other desired information from the data file.

Viewer	
View 👻 🚭 Open Data	
🔍 🕄 120 dpi 🔣 🖽 🛃 🚺 🖷	cometry_OrderConfirm.hld (= 1 🖨
FROM:shipping@minisoft.c SUBJECT:Order Number <mark>T00</mark> (com)00060000
Dear JOHN SMITH,	
Thank you for your recei	nt order!
Your order number is TO(000060000
Your order information :	
Tour order information	Add Rule
	Grid
FROM:shipping@minisoft.c SUBJECT:Order Number	Edit Variable
Variable	X
Name OrderMessage	
Horizontal position 0.0 Vertical position	1560.0
# of characters 33 Heigh	t 0.0 * * 0 = Form line height
Repeat 1 time(s) Increment lin	ne by 1
Copy original data to output 📃 Include	variable in XML output
Use as a bookmark in PDF output	
<u>o</u> k	Cancel

14. To add information from a database lookup, such as a phone number, Right click the Form and select Add Variable > By position.

🚔 Project	d X
Project	
Add Variable	By position
	^{aç} Using data node

- Variable X Name Lookup Horizontal position 0.0 Vertical position 0.0 # of characters 0 Height 0.0 * 0 = Form line height Repeat 1 time(s) Increment line by 1 Include variable in XML output Copy original data to output Use as a bookmark in PDF output <u>0</u>K Cancel
- 15. The Variable dialog box will display. Enter a name and click OK to proceed.

16. Right click the Variable and select Add Function > SQL Lookup.



17. Select the Database, enter an SQL Statement and assign any Parameters or Columns as necessary to return the necessary information.

💩 SQL Lookup	×		
Database aspen	-		
SQL Statement:			
Constant select number from lookup where id = ?			
O VariableForm 1 variables	-		
Parameters			
OrderNumber	Add		
	Remove		
	Move up		
	Move down		
Additional columns assigned to:			
	Add		
	Remove		
	Move up		
	Move down		
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NOTE: To add a database, right click the Project and select Properties > Databases. For more on databases, see the Table Lookup and SQL Lookup parts of the Variable Functions section of Chapter 5: eFORMz Composer Data Customization in the eFORMz/eDIRECT Manual. This is available online at: http://www.minisoft.com/pages/ general/manuals/manuals.html For purposes of testing, setting the Variable that returns database information as a constant phone number is recommended. Right click the Variable and select Add Function > Set Value.

🚔 Project		d 1	\boxtimes	Viewer
Project Page1 Pa		1	•	View View Open Da
Add Function	•	Concatenat	te	······
Add Procedure Add Rule	4 € ♦	Insert string Set value	g	i
Rename Remove		Substring Replace Set value fre	om a	declared constant
		Right trim Left trim		

19. Enter a test phone number in the Value field as a Constant.

Set Value	X
Value:	
Constant	
1112223344	
O Variable	
Form 1 variables	▼
O Image from Project	
Image	
O Image from File	
File Name	
	<u>O</u> K <u>C</u> ancel

Sending the Text Message

Processing w/eDIRECT+

To send the text message:

1. From the Project window, switch to the eDIRECT PLUS tab. Right click in the window and select Add Output > SMS.

🚔 Proje	ct		i d'	\boxtimes
	Add Output 🕨	E-Mail		
		SMS		
		Print		
		Fax		
		Database		
		Archive		
4				-
Drojoct				-1
Project	EDIRECT P	103		



2. Right click the SMS icon and select Add Provider > CDYNE SMS.

NOTE: Minisoft recommends three SMS Providers: CDYNE (http://www. cdyne.com/), DialMyCalls (http://www.dialmycalls.com/) and SendHub (https://www.sendhub.com/). To learn more about the listed recommendations, it is suggested that their websites be visited for comparison purposes. If a different third party SMS Provider is being used, contact our support team at support@minisoft.com. 3. The CDYNE SMS dialog box will display. In the Number field, select the Variable that contains or returns the phone number information.

CDYNE SMS			×	
SMS CDYNE				
number				
	Constant	Variab	le	
lookup			-	
Form 1 va message OrderNumber	iriables			
lookup				
	Constant	🔾 Variab	le	
APIKEY Constant OVariable				
	<u> </u>	<u>)</u> K	<u>C</u> ancel	

4. In the Message field, select the Variable that contains or returns the message to be sent or enter a Constant value.

CDYNE SMS			×
SMS CDYNE			
number			
	Constant	Varial	ble
lookup			-
-message-			
	Constant	Varial	ble
message			-
Form 1	variables		
message			
OrderNumb	er		
lookup			
APIKEY			
	Constant	 Varial 	ble
	<u> </u>	<u>)</u> K	Cancel

5. Enter the URL and the API Key provided by the SMS Provider in their respective fields. Click OK when complete.

CDYNE SMS			×		
SMS CDYNE					
number					
	Constant	Variat	le		
lookup			-		
_message-					
	Constant	Variat	le		
message			•		
	Constant	O Variat	le		
http://sms2	http://sms2.cdyne.com/sms.svc/SimpleSMSsend				
APIKEY					
	Constant	🔘 Variat	le		
3E04E1A0-89F9-4BB0-BD45-96E9A798E50B					
	<u> </u>	<u>o</u> ĸ	<u>C</u> ancel		

6. Navigate to the eFORMz Main Menu and select Run > Process w/eDIRECT PLUS.



7. The SMS text message will be sent.





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