

IVR CDR

Standard HTTP CDR API

2/7/2013

Actel- Active Telecommunications



THIS DOCUMENT IS CONFIDENTIAL. IT IS INTENDED ONLY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. DO NOT COPY, FORWARD, DISSEMINATE OR RELEASE TO THE PUBLIC OR DEFENDANTS THIS DOCUMENT OR ANY ATTACHMENTS WITHOUT OBTAINING PRIOR APPROVAL FROM THE SENDER. IF YOU ARE NOT THE NAMED RECIPIENT OR HAVE RECEIVED THIS DOCUMENT OR COMMUNICATION IN ERROR, PLEASE NOTIFY THE SENDER IMMEDIATELY BY EMAIL

Contents

Introduction 3

Request URI..... 3

 Request Parameters..... 3

API Call Example..... 4

ANNEXES 5

 Annex A – Operators..... 6

 Annex B – GUID..... 8

Introduction

This document details the implementation of a client CDR processor. The CDR processor will be called by ACTEL's IVR platform to report incoming calls upon their ending (when the end-user ends the call)

Request URI

http://YOUR_IP_OR_FQDN/processor.aspx

The client should program the receiving API processor. We work with HTTP, thus we are server technology agnostic.

Request Parameters

The receiving API processor receives by default the following parameters.

Parameter	Description	Instruction	Description
caller	IVR Caller number		Normal text message
dnis	IVR Number		Normal text message
dur	Call duration	In Seconds	Integer
opid	Operator number	ID of the operator (see Appendix A)	Integer
timestamp	Date and time	Format: mm/dd/yyyy hh:mm:ss AM /PM or yyyy-mm-dd hh:mm:ss	In GMT Time
guid	Global Unique Identifier	see Appendix B	Generated by SQL, MySql, VBScript

The client can opt in for a wider range of parameters. In other words, ACTEL can submit the end-user's (caller) choices during a call session.

The API sends back a response to reflect the result of the push operation.

In a successful scenario, the response will be the character string "ok" upon complete successful reception and registration of the CDR record, or "Duplicates" in case the CDR has already been received successfully before.

The **guid** parameter is a key element in determining duplications. ACTEL builds a GUID per CDR. When errors are encountered, the response should contain a message describing the problem. For example: "Invalid ApplicationId" indicating an Invalid DNIS number.

API Call Example

http://YOUR_IP_OR_FQDN/processor.aspx?caller=96170932819&dnis=8821622774567&dur=75&opid=64×tamp=7/2/2013%2011:42:00%20AM&guid=7C67D49E-2B0D-41C5-AF3E-DE0DA7BFB5AB

ANNEXES

Annex A – Operators

OPID	Operator	Country
1	Alfa	Lebanon
2	MTCTouch	Lebanon
3	Djezzy	Algeria
4	batelco	Bahrain
5	ZainBahrain	Bahrain
6	Mobinil	Egypt
7	Vodafone	Egypt
8	asiacell	Iraq
9	Iraqna	Iraq
11	ZainJordan	Jordan
12	Orange	Jordan
13	Umniah	Jordan
14	Xpress	Jordan
15	MOBILY	KSA
16	STC	KSA
17	ZainKuwait	kuwait
18	wataniya	kuwait
19	MAROCTEL	Morocco
20	MEDITEL	Morocco
21	Nawras	Oman
22	omanMobile	Oman
23	Jawal	Palestine
24	qtel	Qatar
25	ZainSudan	Sudan
26	AREEBA	Syria
27	SyriaMTN	Syria
28	syriatel	Syria
29	Tunisiana	Tunisia
30	EtisalatUAE	UAE
31	sabafon	yemen
32	MTN Yemen	yemen
33	yemenMobile	yemen
34	EtisalatEgypt	Egypt
41	DU	UAE
42	Korek	Iraq
43	Sanatel	Iraq
44	Smartcom Int.	International
48	Tunisia Tel	Tunisia
49	MTNSudan	Sudan
50	Mobilis	Algeria
51	Nedjma	Algeria
52	Wana	Morocco

53	Libyana	Libya
54	elmadar	Libya
55	Etisaluna	Iraq
56	Sudatel	Sudan
57	Y	Yemen
58	Landline	Algeria
59	International	Bahrain
60	Landline-Telemedia	Egypt
61	Landline	Tunisia
62	Landline	Yemen
63	Landline	Morocco
64	Thuraya(Int)	International
66	Europe	Sweden
67	Europe	Belgium
68	Europe	Spain
69	Europe	Switzerland
70	Europe	Finland
71	Europe	France
72	Europe	Germany
73	Europe	Greece
74	Europe	Holland
75	Europe	Italy
76	Europe	Austria
77	Paltel	Palestine
78	Landline-Telcomedia	Egypt
79	Orange	Poland
80	Plus	Poland
81	Era	Poland
82	Play	Poland
83	Zain	KSA
84	Jordan Telecom	Jordan
86	Zain IQ	Iraq
93	Wataniya	Palestine

Annex B – GUID

```
SELECT newid()
```

SQL

8

```
SELECT uuid()
```

MySQL

```
set x = createobject("Scriptlet.TypeLib")
```

```
strNewGuid=left(x.GUID,37)
```

```
strNewGuid=right(strNewGuid,36)
```

VBScript