SIPLink CDR Definition
Version 2.0

Public
Node4 Limited
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Version

This schedule contains additional terms and conditions, service description & Service Levels applicable to the Node4 Protect and Node4 Protect+ Services and should be viewed with associated Order Form, Node4's General Terms and Conditions and the Acceptable Use Policy.

Introduction

This document details the format and contents of CDR files provided by Node4. These are based on the "UK Standard for CDRs" (as approved by the FCS).

General File Format

All files to be standard text files (PC ASCII encoding), each record terminated by a carriage return and line feed characters. All fields are comma delimited and field values are qualified with "double quotes". NULL values for optional fields should still be presented with quotations, e.g.: "". No header or footer rows presented.

Field Description

The table below indicates the fields used within the CDR file. Inbound and Outbound call records will be found within the same file.

Field	Column Name	Description	Example	Mandatory Field	Field Size Max
1	Call Type	The type of call being made. For example call types: V = outbound voice call U = Unanswered call B = Busy Call X = Call failed I = Inbound	"V"	Yes	4
2	Not used				
3	Customer Identifier (CLI)	This field will show the Endpoint name, as configured on the SIPlink platform	"EU-TRK-CUSTOMER-01/0"	Yes	100
4	Telephone Number	Telephone number called.	"01234567890"	Yes	50

		All national numbers contain leading zeros, all international have two leading zeros.			
5	Call Date	Date call is made DD/MM/YYYY.	"31/12/2012"	Yes	10
6	Call Time	Time call is made HH:MM:SS.	"09:15:30"	Yes	10
7	Duration	Duration of the call in whole seconds.	"237"	Yes	6
8	Not used				
9	Not used				
10	Description	Destination description.	"London"	No	100
11	Chargecode	A destination description used on supplier's billing system to bill the call.	"UK Local"	No	100
12	Time Band	The time band within which the call was made. Typically: Peak, Off Peak, Weekend.	"Peak"	No	10
13	Salesprice	Sales price in pence no currency symbols to be included. This is the final sales price for the call after any bundle have been applied. Numeric (up to 4 decimal places).	"12.5"	No	9
14	Salesprice (pre-bundle)	This is the sales price before any bundle has been applied. If no	"12.5"	No	9

		bundle has been used, this field should be set to be the same as the Salesprice above. Numeric (up to 4 decimal places) in pence no currency symbols to be included			
15	Extension	User's extension number, if known.	"2142	No	6
16	DDI/CLI	User's Call Presentation (CLI) number or DDI number, if known.	"01234567890"	No	50
17	Not used				
18	Not used				
19	Carrier	Text description of the carrier from which the call originated.	"BT"	No	150
20	Not used				
21	VAT	Flag to define if VAT is applied. S = Standard Z = Zero Rate	"S"	Yes	1
22	Not used				
23	Not used				
24	Not used				

25	Not used				
26	Not used				
27	Diverted Number	Number the NGN number is diverted (mapped) to.	""	No	15
28	Ring time	Presented where available. Duration of the ring time in whole seconds.	""	No	10
29	RecordID	A unique id of the record.	"2314-132A23145782346"	No	25

File Naming Convention

The CDR file name follows the following format:

RID_Monthly_Calls_AAAAAA_DDMMYYYY_SSSSSS_CCCCC_VV.txt

Or

RID_Daily_Calls_AAAAAA_DDMMYYYY_SSSSSS_CCCCC_VV.txt

Where monthly, DDMMYYYY represents the billing period date (last day of the month in which the calls were made). Where daily, DDMMYYYY represents the day on which the calls were made.

Calls - This denotes that the file can contain mixed data of different call types

RID - RID code of CDR provider

AAAAAA - An account reference the CDR provider can use to denote the receiver of the CDR i.e. the reseller. (No limit on number of digits i.e. size of number).

SSSSSS - sequence number (no limit on number of digits i.e. size of number). Every file produced for a particular customer (regardless of type), should have a sequence number increasing by 1 as each subsequent file is produced.

CCCCC - record count (no limit on number of digits i.e. size of number)

VV - The version of the standard that has been used. This should be set to "V1"

Example

Monthly:

ZZZ_Monthly_Calls_ABC001_31012012_13_189_V1.txt

Daily:

ZZZ_ Daily _Calls_ABC001_29062012_394_21125_V1.txt

Time Format

All times shown in CDRs are displayed in UTC/GMT format. Whilst British Summer Time (BST) is taken into account when call charges are calculated, the call times will not be changed to reflect this.

BST begins at 1:00 AM GMT on the last Sunday of March and ends at 1:00 AM GMT on the last Sunday of October.