



# SIPLINK CDR DEFINITION

## VERSION 2.0

PUBLIC  
NODE4 LIMITED  
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## VERSION

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## 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                 | <p><b>The type of call being made. For example call types:</b></p> <p>V = outbound voice call<br/>                     U = Unanswered call<br/>                     B = Busy Call<br/>                     X = Call failed<br/>                     I = Inbound</p> | “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.<br><br>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.<br><br>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   |

|    |           |   |               |     |     |
|----|-----------|---|---------------|-----|-----|
|    |           | <p>bundle has been used, this field should be set to be the same as the Salesprice above.</p> <p>Numeric (up to 4 decimal places) in pence no currency symbols to be included</p> |               |     |     |
| 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       | <p>Flag to define if VAT is applied.</p> <p>S = Standard<br/>Z = Zero Rate</p>  | "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.<br>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\_CCCCCC\_VV.txt*

Or

*RID\_Daily\_Calls\_AAAAAA\_DDMMYYYY\_SSSSSS\_CCCCCC\_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.