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## Call Detail Record Specification

This document describes the structure of the Call Detail Record (CDR) files generated by the Billingbooth platform.

## Change History

Version	Date	Comments
1.0	2018-11-04	Initial specification
1.1	2019-02-12	Added "Additional Information" field

## Description

All CDR files are formatted in Comma-Separated Values (CSV) format using UTF-8 encoding, and contain the following columns:

Column	Data Type	Description
Type	Text	Record type, possible values are "V" for Voice/Calls, "D" for Data and "S" for SMS
Date	Date	Date of the record, in YYYY-MM-DD format
Time	Time	Time of the day, in HH:mm:ss format
Customer Identifier	Text	The unique identifier used to match this record to a customer. This can be a CLI or an account code, depending on the distributor setup
From	Text	CLI/account code of the originating party
To	Text	CLI/account code of the destination party
Duration	Integer	Call duration in seconds. Applicable to "V" Type records
Kilobytes	Integer	Data used, in Kilobytes. Applicable to "D" Type records
Messages	Integer	Number of SMS messages used. Applicable to "S" Type records
Charge Code	Text	Charge code used to identify logical billing destination. This can be a reference code, dialling prefix or full dialling destination
Description	Text	Human-readable description of the record's destination
Charge	Decimal	Cost of the record in major currency (GBP, EUR, AUD, etc. – 0.0100 means £0.0100)
Additional Information	Text	Additional record information supplied by distributor, will often be blank