Call Detail Records (CDRs)

CDR DELIVERY

Common CDR delivery methods are:

1. CSV attached to an email and delivered to your billing engine for processing
2. CSV deposited in a tnz.co.nz FTP/SFTP/FTPS site for your collection
3. Manually downloaded via your www.tnz.co.nz partner portal login

All CDRs are optional, and CDRs can be configured to be sent in differing ways (eg "Outbound Messages CDR" and "Inbound Messages CDR" could be delivered via FTP, while "Toll Calls CDR" could be delivered via Email and "Monthly Billing Charges CDR" could be disabled).

Outbound Messages CDR | %DATE%-CDR-OUT.csv

Details the charges for sent messages, including Email, SMS, Fax, VoiceCast (Text-to-Speech), IM.
Transactional format.
Sections in green vary depending on the "Type" field.
Can be **delivered via Email, FTP, or manually downloaded** using the Partner Portal (Dashboard).

Field Name	Example	Field Type	Description
ID	00000123456	Alphanumeric	Our internal billing reference
Account	101010	Alphanumeric	Your account number with us
SubAccount	Company Ltd	Alphanumeric	Your customer's SubAccount
Department	Accounts Team	Alphanumeric	Your customer's Department (optional)
UTC Date	2017-12-12 10:10:10	Date	UTC Date the Message was created in 0000-00-00 00:00:00 format
Local Date	2017-12-12 20:10:10	Date	Users Local Date the Message was created in 0000-00-00 00:00:00 format
Job Num	6A7B8C9D	Alphanumeric	Our internal Job ID
Dest Seq	1A2B3C4D	Alphanumeric	Our internal Job ID 2
User Key	COM/DOMAIN/COMPANY	Alphanumeric	Message Sender (System Readable)
User Email	company@domain.com	Alphanumeric	Message Sender (Human Readable)
Reference	Text to Customer A	Alphanumeric	Job Reference (set by sender)
Destination	+6421000001	Alphanumeric	Email Address (for Email) or Recipient in E.164 (+6495005000) format
Type	SMS	Alphanumeric	Fax/SMS/Voice/Email
Status	SUCCESS	Alphanumeric	SUCCESS/FAILED
Result	delivered	Alphanumeric	Sent OK/Delivered/Bad Number, etc
Sent Pages		Numeric	Number of Fax Pages Sent
Seconds		Numeric	Number of Seconds to deliver the message
Size	2	Numeric	Number of SMS Message Parts Sent/Email File Size in Bytes
Price	0.4	Currency	Our charge to you
Custom 1		Alphanumeric	Additional Information
Custom 2		Alphanumeric	Additional Information
Custom 3		Alphanumeric	Additional Information
Custom 4		Alphanumeric	Additional Information
Custom 5		Alphanumeric	Additional Information

Inbound Messages CDR | %DATE%-CDR-IN.csv

Details the charges for received messages, including Fax-to-Email and Voicemail-to-Email.
Transactional format.
Sections in green vary depending on the "Type" field.
Can be **delivered via Email, FTP, or manually downloaded** using the Partner Portal (Dashboard).

Field Name	Example	Field Type	Description
Account	101010	Alphanumeric	Your account number with us
SubAccount	Company Ltd	Alphanumeric	Your customer's SubAccount
Department	Accounts Team	Alphanumeric	Your customer's Department (optional)
UTC Date	2017-12-12 10:10:10	Date	UTC Date the Message was created in 0000-00-00 00:00:00 format
Local Date	2017-12-12 20:10:10	Date	Users Local Date the Message was created in 0000-00-00 00:00:00 format
Job Num	6A7B8C9D	Alphanumeric	Our internal Job ID
Number Billed	6495005000	Alphanumeric	Line Number/B Party that is charged for this message in E.164 format (no leading +)
Destination	company@domain.com	Alphanumeric	Customers Configured Email Address
Type	FaxMail	Alphanumeric	VoiceMail/FaxMail
Received Pages	3	Numeric	Number of Received Fax Pages
Price	0.3	Currency	Our charge to you
Custom 1		Alphanumeric	Additional Information
Custom 2		Alphanumeric	Additional Information
Custom 3		Alphanumeric	Additional Information
Custom 4		Alphanumeric	Additional Information
Custom 5		Alphanumeric	Additional Information
Seconds	251	Numeric	Seconds (time unit / duration) taken to receive VoiceMail or FaxMail message

Toll Calls CDR | %DATE%-TOLLS.csv

Details the charges for toll costs, such as when a number is diverted to another number.

Transactional format.

Can be **delivered via Email, FTP, or manually downloaded** using the Partner Portal (Dashboard).

Field	Example	Field Type	Description
ID	123456.78910	Alphanumeric	Our internal billing reference
Account	101010	Alphanumeric	Your account number with us
SubAccount	Company Ltd	Alphanumeric	Your customer's SubAccount
Department	Accounts Team	Alphanumeric	Your customer's Department (optional)
Line	6495005000	Alphanumeric	Number that the call is billed against in E.164 format (no leading +)
Line Term	6421000001	Alphanumeric	Call destination (who was called/where the call was diverted) in E.164 format (no leading +)
Line Alias		Alphanumeric	Optional ID field
Duration	70	Numeric	Call duration in seconds
UTC Date	2017-12-12 10:10:10	Date	UTC Date the record was created (Call Date) in 0000-00-00 00:00:00 format
Local Date	2017-12-12 20:10:10	Date	New Zealand Local Date in 0000-00-00 00:00:00 format (always NZ Local time)
Call Dest Type	Mob	Alphanumeric	Loc/Nat/Int/Mob/Free
Call Destination	Mobile Call	Alphanumeric	Our friendly name for destination ("649 Call" or "Mobile Call")
Price	0.26	Currency	Our charge to you

Monthly Charges CDR

Details the monthly charges, eg Set Up Fees, Porting Charges, Monthly Fax Line Rental charges, etc.
Distributed once per month **via Email**, typically on the 5th.

Field Name	Example	Field Type	Description
Invoice ID	223344	Alphanumeric	TNZ Group Invoice Number (useful for determining the month to bill against)
Detail ID	1	Alphanumeric	Transaction identifier on TNZ Group Invoice (increments with each transaction on CDR)
Period	1712	Numeric	Month charged ("1712" being December 2017)
Account	101010	Alphanumeric	Your account with TNZ Group
Journal ID	123456	Alphanumeric	TNZ Group's internal reference
Category Code	Department-B01	Alphanumeric	Optional Charge Code
Product Code	ENUMBER-DDI	Alphanumeric	TNZ Group's SKU
Product Description	TFax Number +645005000	Alphanumeric	Alphanumeric description
Price	5.00	Currency	Price charged to you for this monthly journal