

AT&T Records Key

AT&T searches all available databases to ensure all responsive records are provided. Multiple reports may be provided in response to your request.

Note: Blank fields or “-1” do not indicate an issue with the record. It simply means the information was not passed from the network to the CDR System.

AT&T Mobility Voice Descriptions

Column/Field Name	Description
Item	Row Number. This denotes a leg of a call or transaction. A leg of a call represents each time the call is processed through a network switch. Calls may go through several switches in AT&Ts network in order to reach the intended party.
Conn.Date	Connection Date. The date of the call.
Conn.Time(UTC)	Connection Time. The time the call was connected. Time is in UTC. Times is expressed in military time as HH:MM:SS.
Conn Date Time	Connection date and time- Date and Time the call was connected. Displayed as one column on the Landline Call Detail Records.
SeizureTime	The number of seconds it took to travel through our systems before the call connected.
ET (Elapsed Time)	Duration of the transaction. Duration is in MM:SS

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 1 of 15

Originating Number	The phone number the call/text originated from. For data records, this does not necessarily mean the number originated the data transaction. The network constantly communicates with internet enabled devices and the data records do not indicate if a customer initiated a data transaction. Some abbreviations are found after a number using (), They are defined as follows: Dialed (D)- The number that the originating party dialed. Appears in subsequent line of the same row in the Originating Number column. (Note: only appears if the Terminating number differs from the Dialed number) Special Dialing Characters- A = *, B = # Appears as part of Dialed Number (D) Digits. FORWARDED (F)- The number the terminated number forwarded the call to. Appears in subsequent line of the same row in the Originating Number column. ORIGINAL ORIGINATING (OO)- Denotes the number that originated the call before call forwarding was invoked. Appears in subsequent line of the same row in the Originating Number column. TRANSLATED (T)- Indicates if a number was translated to a different number. For example, if the number called is 911, then that gets translated to a ten-digit number for routing to a 911 dispatch center. The (T) indicates the number the translation was from, not the number translated to.
Terminating Number	The number the transaction terminated to.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 2 of 15

IMEI International Mobile Equipment Identifier	Can be 15 or 16 digits. A 15-digit number that uniquely identifies an individual wireless device. The first 14 digits are unique. The 15th digit is a check digit that validates the prior 14 digits. A 16 digit IMEI is an “IMEISV.” SV Stands for software version number. The last two digits identify the software version. Only the IMEI of the number requested is displayed.
IMSI International Mobile Subscriber Identity	This is a unique 15-digit identifier given to each mobile subscriber and is stored on the Subscriber Identity Module (SIM). The IMSI consists of a MCC (Mobile Country Code), a MNC (Mobile Network Code) and a MSIN (Mobile Station Identification Number): • 3-digit MCC ties the SIM to a specific country • 3-digit MNC ties the SIM to a specific network within that country • 9-digit MSIN ties the SIM to a specific customer
CT (Call Type)	Denotes if the leg of a call is an originating leg or terminating leg. Mobile Originating (MO) Mobile Terminating (MT) Service Originating (SO) Service Terminating (ST) A service record is generated when the network generates a leg of a call to reach a service on the network. For example, a leg connecting to the voicemail platform denotes a service invoked on the network and may show up as a service record. See “Item” at beginning of the table for definition of a leg of a call.
Feature	This column represents the type of call that occurred as recorded by our network and used for purposes of processing a call on AT&T’s network. These are not necessarily indicative of features on a customer’s account or the types of services subscribed to.
Make	Device Manufacturer
Model	Device Model

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 3 of 15

Cell Location	Identifiers: 3G Network cell Site= LAC/CID 4G Network Cell Site= ECGI Examples: 3G Network Cell Site. [27077/11621:-80.05629:26.74779:350:90.0] LAC/CID LONG:LAT Sector:Beamwidth 4G Network Cell Site {133151247:520122: -96.912452:33.013937:358:-1.0 ECGI:ENB-ID LONG:LAT Sector:Beamwidth Definitions: LAC-Location Area Code. This number identifies the specific region a cell tower is located in. The number is used internally in AT&T for network purposes. CID-Cell Identity. This number identifies the location of the tower within a specified region. The number is used internally in AT&T for network purposes. ECGI-Enhanced cell global identity. A nine digit number that indicates the location of a cell tower when 4G technology is being used. The number is used internally in AT&T for network purposes. ENB-ID- Evolved Node B (eNodeB) Hardware connected to the AT&T mobility network that communicates directly with a mobile device. This number is used internally to AT&T to identify a specific antenna on a tower when 4G technology is used. Longitude - A geographic coordinate that specifies an East-West Position of a point on the earth's surface. The Latitude represented is of the cell tower. Latitude - A geographic coordinate that specifies a North-South Position of a point on the earth's surface. The Longitude represented is of the cell tower. Sector-A number out of 360 degrees that indicates the side of the cell site antenna used in processing the call. Beamwidth-A number out of the 360 degrees that specifies the angle of coverage of the RF signal coming from a particular cell site sector.
----------------------	---

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 4 of 15

AT&T Mobility Common Scenarios

Scenario	Description
Many or all Zero Duration Calls	Voice usage reports showing all calls with zero durations in the Elapsed Time "ET" column indicate calls that were not connected. Numbers such as this are commonly used for routing purposes if there is no associated subscriber.
Report Differences	Because calls can traverse many networks, AT&T provides records of all calls that traverse its wireline, wireless and international gateways. ReportAU- Calls that traverse the mobility network. ReportLandline- Calls that traverse the wireline and Voip network. ReportICDR-Calls that traverse AT&T's international gateway. A call may show up on one or more report however AT&T has no ability to definitively state or correlate calls as being the same transaction. You may infer any conclusions based on your own analysis of the records.
ET 60:00- Data Usage	Data records have a maximum limit of 60 minutes in the CDR record system. Another record is created when a continuous data session exceeds the 60 minute limit.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 5 of 15

Feature Definitions for Mobility Voice Report

Features represents the type of call that occurred as recorded by our network and used for purposes of processing a call on AT&T's network. These are not necessarily indicative of features on a customer's account or the types of services subscribed to.

Feature Acronym	Feature Definition
ADD	Unstructured Supplementary Service Data
CBI	Barring of All Incoming Calls
CBIOP	Incoming Operator Determined Barring
CBIP	Barring of All Incoming Calls Roaming Outside Public Land Mobile Network
CBIUK	Barring of Incoming Calls
CBO	Barring of All Outgoing Calls
CBOI	Barring of All Outgoing Intl Calls
CBOIP	Barring of All Outgoing Intl Calls Except to Public Land Mobile Network
CBOOP	Outgoing Operator Determined Barring
CBOUK	Barring of Outgoing Calls
CBUK	All Barring
CFB	Call Forwarding Subscriber Busy
CFC	Call Forwarding All Conditional
CFNA	Call Forwarding No Reply
CFNR	Call Forwarding Not Reachable
CFO	Call Forwarding in Gateway (Unknown)
CFU	Call Forwarding Unconditional
CFUK	All Forwarding
CGC	Advice of Charge Charging
CGI	Advice of Charge Information
CIAC	Account Code Service
CICUG	Closed user Groups Service
CIPCI	Proprietary Customer Information
CMH	Call Hold

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 6 of 15

CMPRL	Proprietary Release Link Trunk Service
CMPVM	Proprietary Voice Mail Call Dropback
CMR	Call Re-origination
CMRC	Call Re-Origination By Cause
CMW	Call Waiting
ECT	Explicit Call Transfer
GREM	Enhanced Multi
INIOR	Invoke Calling Number Identity Restriction
MPS	Multiparty Services
NIND	Proprietary Calling Name Delivery
NIOP	Calling Number Identity Presentation
NIOR	Calling Number Identity Restriction
NITP	Connected Line Identity Presentation
NITR	Connected Line Identity Restriction
NSDA	Directory Assistance Service Call
OACR	Anonymous Call Rejection
OEXT	Extension Service
OMCT	Malicious Call Trace
OMSC	MSC
OOR	Optimal Routing (of Late Call Forwarding)
SUBCMH Call hold	Call hold, Invoke, Invoked by Subscriber
V2G	Volte to 3G. It indicates the call was handed off from one Volte (a VOIP call) to the 3G network (circuit switched call)
VM	Voicemail involved in transaction
VCORR	4G Cell site was correlated with additional database
FCID	"Flexible Caller ID" This indicates a secondary device, such as a watch or tablet, originated the call. The number indicated as the Original Originating (OO) is the native number belonging to the secondary device that originated the call.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 7 of 15

AT&T Mobility SMS Descriptions

Column Name	Description
Originating Number	Number that originated the SMS
Terminating Number	Number that received the SMS
Description	If known, describes the direction of the SMS SMSO (SMS originating) SMST (SMS terminating)
IMEI International Mobile Equipment Identifier	Can be 15 or 16 digits. A 15-digit number that uniquely identifies an individual wireless device. The first 14 digits are unique. The 15th digit is a check digit that validates the prior 14 digits. A 16 digit IMEI is an "IMEISV." SV Stands for software version number. The last two digits identify the software version. Only the IMEI of the number requested is displayed.
IMSI International Mobile Subscriber Identity	This is a unique 15-digit identifier given to each mobile subscriber and is stored on the Subscriber Identity Module (SIM). The IMSI consists of a MCC (Mobile Country Code), a MNC (Mobile Network Code) and a MSIN (Mobile Station Identification Number): • 3-digit MCC ties the SIM to a specific country • 3-digit MNC ties the SIM to a specific network within that country • 9-digit MSIN ties the SIM to a specific customer
MMS Type	Mobile Multimedia Service (MMS) Message Type indicates the types of media embedded in the MMS Message. Values include: Text, Image, Audio or Video. There can be more than one value in the same message. If this field is blank, it is an SMS.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 8 of 15

AT&T Mobility SMS-Email Descriptions

Column Name	Description
Email	Email address associated
Email Status	SEND/RCVD
Description	MO (Mobile originating) MT (Mobile terminating) AO (Application originating) AT (Application terminating)

Feature Definitions for Mobility Voice and Mobility SMS Report

Features represents the type of Call/SMS that occurred as recorded by our network and used for purposes of processing a Call/SMS on AT&T's network. These are not necessarily indicative of features on a customer's account or the types of services subscribed to.

Feature Acronym	Feature Definition
Wi-Fi	This denotes when a Call/SMS was carried over Wi-Fi. No cell sites or any type of location information is available on these transactions because AT&T does not store this information.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 9 of 15

AT&T Mobility Data Descriptions

Column Name	Description
Bytes Up	Number of bytes sent from the wireless handset to the cell site.
Bytes Dn	Number of bytes sent from the cell site to the wireless handset.
Originating Number	Number of the device making the data connection. For data records, the Originating Number does not necessarily mean the number originated the data transaction. The network constantly communicates with internet enabled devices and the data records do not indicate if a customer initiated a data transaction.
Apn Network	Defines the type of connection the customer is making to our network. Values can include: nxtgenphone (next generation device, LTE capable) ims (automatically added APN to VoLTE-capable devices to support IP Messaging over IMS) firstnet-phone (AT&T FirstNet Device – similar to nxtgenphone)
IMEI International Mobile Equipment Identifier	Can be 15 or 16 digits. A 15-digit number that uniquely identifies an individual wireless device. The first 14 digits are unique. The 15th digit is a check digit that validates the prior 14 digits. A 16 digit IMEI is an “IMEISV.” SV Stands for software version number. The last two digits identify the software version. Only the IMEI of the number requested is displayed.
IMSI International Mobile Subscriber Identity	This is a unique 15-digit identifier given to each mobile subscriber and is stored on the Subscriber Identity Module (SIM). The IMSI consists of a MCC (Mobile Country Code), a MNC (Mobile Network Code) and a MSIN (Mobile Station Identification Number): • 3-digit MCC ties the SIM to a specific country • 3-digit MNC ties the SIM to a specific network within that country • 9-digit MSIN ties the SIM to a specific customer

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 10 of 15

AT&T Wi-Fi Data Descriptions

This report signifies data transactions where the customer is connected to Wi-Fi using AT&T VPN service.

Column Name	Description
Bytes Up	Number of bytes sent from the wireless handset to the cell site.
Bytes Dn	Number of bytes sent from the cell site to the wireless handset.
Originating Number	Number of the device making the data connection. For data records, the Originating Number does not necessarily mean the number originated the data transaction. The network constantly communicates with internet enabled devices and the data records do not indicate if a customer initiated a data transaction.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 11 of 15

AT&T Wireline Descriptions

Column Name	Description
Sec. Orig	Secondary Originating Number. A secondary number associated with the call transaction. This number can either be a wireline or mobility number. As an example, if it is a non-mobility number, this could be a number that sits behind a customer's internal phone network such as a PBX. There are other numerous situations when secondary originating numbers are part of a call transaction.
CIC	Carrier Identification Code. The number in this column translates to identifying the interexchange carrier of the call. A public listing of CIC codes can be found at the following url: http://www.nanpa.com/reports/reports_cic.html
Call Code	Represents the type of call that was processed on the wireline network.
Orig. Acc.	Originating Access ID. When a call is received from another carrier and traverses AT&T's VoIP network. This number translates to what carrier sent AT&T the call.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 12 of 15

AT&T Wireline Common Call Code Descriptions

Call Code Number	Call Code Name	Description
47	Default AIN Call Type Code	Default call code indicating that some Advanced Intelligent Network (AIN) feature was requested or utilized.
343	Terminating Access Verification	This call code is used to either bill or validate a billing transaction where a call traversed more than one carrier's network.
808	VoIP Default	Originating customer paid AT&T VoIP call.
342	Originating Access Verification	This call code is used to either bill or validate a billing transaction where a call traversed more than one carrier's network.
325	MEGACOM 800	A direct-connect service for customers who receive high volumes of calls of long duration. Usually associated with a business.
60	AT&T Station Paid	Long Distance call where the originating number is also the billing responsible party.
119	Terminating Access	This call type code provides details for a call that enters the terminating exchange from an Interexchange Carrier (IC).
720	Connecting Network Access	Call received over connecting network access incoming trunk.
306	CMC Toll Switch Application	Cellular Mobile Carrier (CMC) Toll switch
100	Direct Services Dialing Capability (DSDC)	This call code indicates that the serving office (Switch) utilized call processing capabilities of another office for some or all of the call. Also known as Service Assist.
129	Basic SDN Call	Generally, this indicates some type of AIN (Advanced Intelligent Network) feature was used or requested, including call features or routing.
141	IEC Number Service Call	This call type code provides details for toll-free calls that are transported by an Interexchange Carrier (IC).
360	OSO Recording/HICAP	Originating Screening Office (OSO) national 800 number database (NCP) dip records.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 13 of 15

110	Inter-LATA Station Paid	This call type code is generated for direct-dialed, station-paid internetwork calls routed by means of an interexchange carrier.
337	ISDN CPN/BN to Terminating End	Integrated Services Digital Network (ISDN) customer voice or data session.
98	Collector tracer	This Call Type Code is used in all audit (tracer) records generated by an Automatic Message Accounting Teleprocessing System (AMATPS) collector.
309	MEGACOM	An interstate service that permits outward calling from designated AT&T serving offices to stations throughout the US.
364	Readyline	An inbound Toll Free call service terminating on an existing local POTS line.
134	Feature Group B Originating LATA	This call type code provides details for Feature Group B originating calls (AIN, InterLATA and fg B - Originating).
806	VoiceTone	This service provides interactive IVR, toll free and contact center services.

AIN - Advanced Intelligent Network: SS7 Signaling based enhanced features, including, but not limited to: Local Number Portability (LNP), Toll Free calling, Prepaid calling services, Reverse Charging, VPN, Call Screening, Private number plans, location based.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page **14** of **15**

AT&T International Descriptions

ColumnName	Description
Orig Country	The country the call originated from based on the NPA-NXX of the party that placed the call.
Dial Country	The country of the number dialed based on the NPA-NXX of the dialed number.
In Country	Inbound Country. The country AT&T terminated the call to. This does not necessarily mean the called party is in the listed country. This represents the country that AT&T directed the call to in order to properly route the call to its final destination. Other carriers may pick up the call after the call has left the AT&T network.
Out Country	Outbound Country. The country AT&T routed the call from. This does not necessarily mean the call originated from the listed country. This represents the country AT&T's network was used in to properly route the call to its final destination.
Ans Ind	Indicates if the call was answered.
From CPN	From Calling Party Number. Indicates if the call originated from the Originating Number.

AT&T Proprietary

The information contained here is for use by authorized persons only and is not for general distribution.

Page 15 of 15