



# MAST for Publishers Inventory Forecasting API Methods

Below describes the methods used to forecast inventory for up to six months. Inventory can be forecasted against mobile carrier and country, and can be requested for specific networks and zones as well.

Using the **getRawRequestsByZone** method below, can help to forecast in zones that do not have the necessary two weeks of live campaign data available.

This document was meant to be used with the attachments entitled MFP-ForecastingAPI-CountryTable.xls and MFP-ForecastingAPI-CarrierTable.xls

<b>Method: getInventoryForecast</b>		
<b>Parameter</b>	<b>Description</b>	<b>Code Example</b>
privatekey	The unique identifier that allows access to the user account.	privatekey=3x56eEr
network_id (optional)	To forecast inventory against a specific network. The getNetworkId method can be used with the privatekey to query for specific network IDs (see Sample Code below).	network_id=888
carrier (optional)	The ID of the carrier the forecasting request is being made for. This parameter is optional. Carrier IDs can be found in the Carrier table attached to this document.	carrier=1000169
country (optional)	The ID of the country the forecasting request is being made for. This parameter is optional. Carrier IDs can be found in the Carrier table attached to this document.	country= 75
start_date (optional)	The date that the forecasting report will begin from. This parameter is optional, and will use today's date if not specified. The format is YYYY-MM-DD	start_date=2010-05-28
end_date (optional)	The date the request should forecast to. This parameter is optional. Data spanning two weeks will be returned if not specified. Data for up to 6 months from today's date can be returned. The format is YYYY-MM-DD	end_date=2010-05-28

<b>Method: getInventoryForecastByZone</b>		
<b>Parameter</b>	<b>Description</b>	<b>Code Example</b>
privatekey	The unique identifier that allows access to the user account.	privatekey=3x56eEr
network_id (optional)	To forecast inventory against a specific network. The getNetworkId method can be used with the privatekey to query for specific network IDs (see Sample Code below).	network_id=888
carrier	The ID of the carrier the forecasting request is being made for. This parameter is optional. Carrier IDs can be found in the Carrier table attached to this document.	carrier=1000169
country	The ID of the country the forecasting request is being made for. This parameter is optional. Carrier IDs can be found in the Carrier table attached to this document.	country= 75
start_date	The date that the forecasting report will begin from. This parameter is optional, and will use today's date if not specified. The format is YYYY-MM-DD	start_date=2010-05-28
end_date	The date the request should forecast to. This parameter is optional. Data spanning two weeks will be returned if not specified. Data for up to 6 months from today's date can be returned. The format is YYYY-MM-DD	end_date=2010-05-28

**Sample Code:**

**Method: getInventoryForecast**

[http://moceanmobile.net/mocean\\_rest\\_server.php?method=getInventoryForecast&privatekey=3x56eEr&network\\_id=888&carrier=1000169&country=75&start\\_date=2010-02-01&end\\_date=2010-10-01](http://moceanmobile.net/mocean_rest_server.php?method=getInventoryForecast&privatekey=3x56eEr&network_id=888&carrier=1000169&country=75&start_date=2010-02-01&end_date=2010-10-01)

```
<xml>
<inventory>
<network_subdomain>network1</network_subdomain>
<network_id>888</network_id>
<booked>0</booked>
<non_booked>4708324</non_booked>
<non_filled>76</non_filled>
<impressions>4708400</impressions>
</inventory>
</xml>
```

**Method: *getInventoryForecastByZone***

[http://www.moceanmobile.net/mocean\\_rest\\_server.php?method=getInventoryForecastByZone&privatekey=3x56eEr&network\\_id=888&carrier=1000169&country=75&start\\_date=2010-02-01&end\\_date=2010-10-01](http://www.moceanmobile.net/mocean_rest_server.php?method=getInventoryForecastByZone&privatekey=3x56eEr&network_id=888&carrier=1000169&country=75&start_date=2010-02-01&end_date=2010-10-01)

```
<xml>
<inventory>
<network_subdomain>network1</network_subdomain>
<network_id>888</network_id>
<pubsite_id>7777</pubsite_id>
<zone_id>7776</zone_id>
<booked>91283</booked>
<non_booked>109978146</non_booked>
<non_filled>15834637</non_filled>
<impressions>125812783</impressions>
</inventory>
-
<inventory>
<network_subdomain>network2</network_subdomain>
<network_id>888</network_id>
<pubsite_id>8888</pubsite_id>
<zone_id>8887</zone_id>
<booked>134523</booked>
<non_booked>17869690</non_booked>
<non_filled>2644005</non_filled>
<impressions>20513695</impressions>
</inventory>
-
<inventory>
<network_subdomain>network3</network_subdomain>
<network_id>888</network_id>
<pubsite_id>9999</pubsite_id>
<zone_id>9998</zone_id>
<booked>56447</booked>
<non_booked>89633</non_booked>
<non_filled>11362</non_filled>
<impressions>100995</impressions>
</inventory>
</xml>
```

**Method: getNetworkId**

[http://www.moceanmobile.net/mocean\\_rest\\_server.php?method=getNetworkId&privatekey=3x56Er](http://www.moceanmobile.net/mocean_rest_server.php?method=getNetworkId&privatekey=3x56Er)

```
<xml>
<network>
<subdomain>network1</subdomain>
<id>888</id>
</network>
<network>
<subdomain>network2</subdomain>
<id>999</id>
</network>
</xml>
```

**Method: getRawRequestsByZone**

Parameter	Description	Code Example
privatekey	The unique identifier that allows access to the user account.	privatekey=e3dw29r
network_id (optional)	The ID of the network that allows for specification of the zone data.	network_id=888
pubsite_id (optional)	The ID of the site that allows for specification of the zone data.	pubsite_id=999
start_date (optional)	The start date of the reporting range being accessed. If not specified, data from yesterday will be reported.	start_date=2009-11-01
end_date (optional)	The end date of range. If not specified, 24 hours of data will be returned based on the start date.	end_date=2009-11-20

**Sample Code:**

[http://www.moceanmobile.com/mocean\\_rest\\_server.php?method=getRawRequestsByZone&privatekey=e3dw29r&network\\_id=888&pubsite\\_id=999&start\\_date=2010-02-01&end\\_date=2010-04-02](http://www.moceanmobile.com/mocean_rest_server.php?method=getRawRequestsByZone&privatekey=e3dw29r&network_id=888&pubsite_id=999&start_date=2010-02-01&end_date=2010-04-02)

```
<xml>
<zone_requests>
<raw_requests>80924</raw_requests>
<pubsite_id>999</pubsite_id>
<zone_id>9999</zone_id>
<pubsite_name>MySite</pubsite_name>
<zone_name>MySite-Top-Placement</zone_name>
</zone_requests>
</xml>
```

# Addendum

MFP-ForecastingAPI-CountryTable.xls

MFP-ForecastingAPI-CarrierTable.xls

## Country Table

COUNTRY TABLE	
ID	COUNTRY NAME
73	Afghanistan, Islamic State of
78	African Regional Industrial Property Organization
298	Aland
277	Albania
287	Algeria
104	American Samoa
290	Andorra, Pricipality of
447	Angola
134	Anguilla
448	Antarctica
122	Antigua and Barbuda
144	Argentina
256	Armenia
168	Aruba
60	Australia
132	Austria
262	Azerbaijan
114	Bahamas
267	Bahrain
279	Bailiwicks of Guernsey
69	Bangladesh
123	Barbados
269	Belarus
126	Belgium
165	Belize
451	Benin
120	Bermuda
106	Bhutan
156	Bolivia
270	Bosnia and Herzegovina
453	Botswana

452	Bouvet Island
150	Brazil
99	British Indian Ocean Territory
77	Brunei Darussalam
244	Bulgaria
449	Burkina Faso
450	Burundi
79	Cambodia, Kingdom of
459	Cameroon
112	Canada
460	Cape Verde
124	Cayman Islands
456	Central African Republic
500	Chad
143	Chile
62	China
461	Christmas Island
454	Cocos (Keeling) Islands
147	Colombia
476	Comoros
455	Congo
457	Congo
103	Cook Islands
153	Costa Rica
275	Croatia (Hrvatska)
160	Cuba
239	Cyprus
138	Czech Republic
257	Czechoslovakia
238	Denmark
462	Djibouti
463	Dominica
146	Dominican Republic
151	Ecuador
294	Egypt
159	El Salvador
472	Equatorial Guinea
465	Eritrea

248	Estonia
466	Ethiopia
241	European Union
467	Falkland Islands
284	Faroe Islands
92	Fiji
125	Finland
116	France
169	French Guiana
89	French Polynesia
501	French Southern Territories
468	Gabon
470	Gambia
260	Georgia
115	Germany
469	Ghana
291	Gibraltar
234	Greece
292	Greenland
127	Grenada
142	Guadeloupe
82	Guam
158	Guatemala
471	Guinea
474	Guinea Bissau
164	Guyana
167	Haiti
475	Heard and McDonald Islands
297	Holy See (Vatican City State)
163	Honduras
67	Hong kong
251	Hungary
258	Iceland
59	India
70	Indonesia
245	Iran, Islamic Republic of
282	Iraq
139	Ireland

280	Isle of Man
136	Israel
133	Italy
458	Ivory Coast (Cote D'Ivoire)
118	Jamaica
58	Japan
268	Jersey
250	Jordan
254	Kazakhstan
296	Kenya
97	Kiribati
66	Korea, Republic of
252	Kuwait
274	Kyrgyzstan (Kyrgyz Republic)
100	Lao People's Democratic Republic
247	Latvia
255	Lebanon
479	Lesotho
478	Liberia
480	Libya
283	Liechtenstein
253	Lithuania
131	Luxembourg
83	Macau
259	Macedonia, the former Yugoslav Republic of
481	Madagascar
485	Malawi
63	Malaysia
90	Maldives
482	Mali
261	Malta
86	Marshall Islands
483	Martinique (French)
484	Mauritania
102	Mauritius
508	Mayotte
149	Mexico
93	Micronesia, Federated States of

272	Moldova, Republic of
264	Monaco
88	Mongolia
511	Montenegro
129	Montserrat
295	Morocco
486	Mozambique
110	Myanmar
487	Namibia
111	Nauru
81	Nepal
128	Netherlands
162	Netherlands Antilles
76	New Caledonia
65	New Zealand
155	Nicaragua
488	Niger
286	Nigeria
101	Niue
108	Norfolk Island
477	North Korea
105	Northern Mariana Islands
117	Norway
246	Oman
446	Other
64	Pakistan
107	Palau
288	Palestinian Territory, Occupied
157	Panama
85	Papua New Guinea
161	Paraguay
152	Peru
71	Philippines
236	Poland
242	Portugal
113	Puerto Rico
281	Qatar
490	Reunion (French)

263	Romania
237	Russian Federation
491	Rwanda
473	S. Georgia & S. Sandwich Isls.
494	Saint Helena
135	Saint Kitts and Nevis
140	Saint Lucia
489	Saint Pierre and Miquelon
498	Saint Tome (Sao Tome) and Principe
507	Saint Vincent & Grenadines
91	Samoa
278	San Marino
235	Saudi Arabia
496	Senegal
271	Serbia
492	Seychelles
299	Sierra Leone
68	Singapore
249	Slovakia (Slovak Republic)
265	Slovenia
95	Solomon Islands
497	Somalia
509	South Africa
130	Spain
80	Sri Lanka
493	Sudan
166	Suriname
495	Svalbard and Jan Mayen Islands
499	Swaziland
137	Sweden
94	Switzerland
266	Syrian Arab Republic
72	Taiwan, Province of China
273	Tajikistan
505	Tanzania
61	Thailand
502	Togo
503	Tokelau

98	Tonga
145	Trinidad and Tobago
504	Tunisia
243	Turkey
300	Turkmenistan
119	Turks and Caicos Islands
96	Tuvalu
293	Uganda
240	Ukraine
285	United Arab Emirates
109	United Kingdom
75	United States
154	Uruguay
506	USA Minor Outlying Islands
276	Uzbekistan
87	Vanuatu
148	Venezuela
74	Viet Nam
141	Virgin Islands (British)
121	Virgin Islands (U.S.)
84	Wallis and Futuna Islands
464	Western Sahara
289	Yemen
510	Zambia
512	Zimbabwe

## Carrier Table

CARRIER TABLE	
CARRIER ID	CARRIER NAME
1000182	Adept Internet (Pty) Ltd
1000154	Agence Tunisienne Internet
1000066	Aircel (Tata)
1000070	Airtel Payment
1000149	AIS
1000012	Aktel
1000173	Alltel
1000039	ANONYMOUSE

1000037	Arcor AG & Co
1000113	Astral Telecom
1000169	AT&T
1000206	au (Japan)
1000078	Auto Others
1000153	Babilon-T
1000072	BaghTel
1000060	Bakrie Telecom
1000017	Base
1000135	BashCell
1000130	Baykal Westcom / New Telephone Company / Far Eastern Cellula
1000123	Beeline
1000021	Bell Mobility
1000062	Bharti Airtel
1000087	Bite
1000129	BM Telecom/Zao SMARTS
1000052	Bouygues Telecom
1000069	BPL Cellular
1000159	British Telecommunications
1000063	BSNL
1000001	Cable & Wireless
1000140	Cable & Wireless (Seychelles) Ltd
1000162	Cable & Wireless Guernsey Telecom
1000141	Canar Telecom. Co.Ltd.
1000148	CAT
1000051	CEGETEL / Neuf cegetel
1000096	Celcom
1000201	Cellular South
1000079	Celtel
1000100	Celtel / V-Mobile / Econet Wireless Nigeria Ltd.
1000027	China Mobile
1000028	China Netcom
1000029	China Telecom
1000030	China Unicom
1000031	China Unicom CDMA
1000202	Cincinnati Bell
1000004	Compania de Telefonos del Interior S.A.
1000116	Cosmote

1000172	Cricket Com.
1000036	Deutsche Telekom AG
1000085	Dialog Telekom
1000095	Digi
1000151	Digital Phone Hello
1000177	Digitel
1000186	Dimension Data
1000200	Dobson/Cellular One/AT&T Mobility
1000203	Docomo (Japan)
1000014	Drishtee Online Ltd
1000152	DTAC
1000131	Ekaterinburg
1000205	eMobile (Japan)
1000038	E-Plus
1000033	Eurotel Praha
1000045	Euskaltel (MVNO)
1000055	Excelcom
1000184	First Rand Bank
1000164	GILAT SATCOM
1000103	Glo
1000180	Global Internet Access
1000109	Globe Telecom
1000011	GrameenPhone
1000098	GS Telecom
1000077	H3G
1000040	Hi3G
1000007	Hutchison - 3
1000165	Hutchison 3G
1000058	Hutchison Telecommunication
1000065	Idea Cellular
1000108	IHUG
1000183	Imperial Online - The Imperial Connection
1000056	Indosat
1000020	Jabatan Telekom
1000047	Jazz Tel
1000160	Jersey Telecom
1000209	KSA - Mobily
1000073	Kurdistan Net

1000127	LLC Ekaterinburg-2000 (MOTIV)
1000145	M1
1000163	Manx Telecom
1000094	Maxis
1000082	MegaCom
1000126	MegaFon
1000181	MEGAWEB
1000174	Metro PCS
1000115	MobiFon
1000057	Mobile 8
1000118	Mobile Telesystems
1000016	Mobistar
1000043	Movistar
1000101	MTN
1000083	MTN Networks
1000128	NCC/Nizhegorodskaya Cellular Communications
1000105	NetCom
1000175	Nextel
1000002	Nextel Argentina srl
1000092	Nextel Mexico
1000143	Nordisk Mobiltelefon (CDMA2000)
1000157	O2
1000034	O2 (Telefonia)
1000086	Omnitel
1000005	One
1000044	ONO
1000158	Opal Telecom DSL
1000009	Optus
1000046	Orange
1000026	Orange Cameroon
1000053	Orange Caraibe Mobiles
1000041	Orange Dominicana S.A
1000091	Orange Madagascar
1000112	Orange Reunion
1000125	Orenburg
1000208	Pannon
1000061	Partner Communications Ltd
1000170	Pocket Wireless

100018	Proximus
1000117	Radex Telecom
1000068	Reliance (GSM)
1000207	Research In Motion
1000022	Rogers
1000081	Safaricom
1000136	Sakhalin GSM
1000137	Saratov-Mobile
1000050	SFR
1000013	Sheeba Telecom (Banglalink)
1000122	Sibirtelecom
1000019	Simpur
1000144	SingTel
1000110	Smart Communications
1000204	Softbank (Japan)
1000147	SOMA FONE
1000067	Spice
1000168	Sprint
1000084	Sri Lanka Telecom
1000097	Starcomms
1000146	StarHub
1000120	STEK GSM / Sotoviy Telefon Kuzbassa
1000102	Suburban Telecom
1000025	Swisscom NATEL
1000138	Taif Telcom
1000133	Tatincom
1000176	TELCEL CELULAR C.A.
1000088	Tele 2
1000006	Tele2
1000134	TELE2 / ECC
1000024	Tele2 Telecommunications AG
1000111	Telecel S.A.
1000107	Telecom
1000139	Telecom (Seychelles) Ltd
1000032	Telecom Columbia
1000074	Telecom Italia
1000089	TELECOM LITHUANIA
1000003	Telecom Personal

1000042	Telecsa S.A.
1000104	TeleNor
1000106	Teletopia
1000142	Telia
1000080	Telkom
1000059	Telkom Flexi
1000178	Telkom SA Limited
1000054	Telkomsel
1000008	Telstra
1000023	Telus Mobility
1000190	Tertiary Education Network
1000188	The Internet Solution
1000075	TIM
1000049	Tiscali
1000161	Tiscali UK Limited
1000166	T-Mobile
1000035	T-Mobile (Deutsche Telekom)
1000093	U Mobile (miTV)
1000210	UAE (dU)
1000124	Ulyanovsk GSM
1000185	UniNet Communications
1000119	Uraltel / Uralsvyazinform
1000071	Usha Martin Tel. Command
1000189	UUNET Africa - Botswana
1000099	Vee Networks Ltd
1000167	Verizon
1000187	Verizon South Africa
1000156	Virgin
1000171	Virgin Mobile
1000155	Vodacom
1000199	Vodafone Australia
99111	Vodafone Egypt
1000064	Vodafone Essar
1000198	Vodafone Germany
1000196	Vodafone Italy
1000195	Vodafone New Zealand
1000194	Vodafone Romania
1000197	Vodafone Spain

1000193	Vodafone Sweden
1000192	Vodafone UK
1000132	Volgograd Mobile / INDIG
1000090	Voxmobile S.A.
1000015	WARIDTEL
1000076	Wind
1000179	Wireless Business Solutions (Proprietary) Limited
1000048	Yoigo
1000191	Zamtel
1000114	Zapp / TeleMobile
1000121	Zap-Sib TransTeleCom