|  |  |
| --- | --- |
| **Fonksiyonel Gereksinim 3** | |
| AS PPM ID |  |
| Sıra No | 1 |
| İlgili İş Gereksinimleri | # |
| Gereksinim Özeti | Descriptor’ı Olmayan Servletlere Descriptor Eklenmesi |

**Gereksinim Detayları**

Mevcutta descriptor’ ı olan ve olmayan işlemlerin listesi aşağıdaki gibidir.

|  |  |  |
| --- | --- | --- |
| FATURALARIM | Güncel Fatura Tutarı | VAR |
| FATURALARIM | Fatura Sorgulama | VAR |
| FATURALARIM | Fatura Kesim Tarihi | YOK |
| FATURALARIM | Fatura Kontrol | YOK |
| FATURALARIM | Fatura Detayları | VAR |
| HAT ÖZETİM | Tarife Sorgulama | VAR |
| HAT ÖZETİM | Kalan Kullanım Sorgulama | VAR |
| HAT ÖZETİM | Kulüp Bilgisi | YOK |
| HAT ÖZETİM | Paket/Servis Aboneliklerin Sorgulanması | YOK |
| TL İŞLEMLERİ | TL Dönemleri Sorgulama | VAR |
| TL İŞLEMLERİ | Güncel TL Miktarı | VAR |
| TL İŞLEMLERİ | Prepaid Kullanım Detayı | VAR |
| KREDİ İSTE | Kredi İsteme | VAR |
| KREDİ TRANFER | Kredi Transfer | YOK |

**DESCRIPTOR OLANLAR**

**Not**: Servis URL’ leri iPhone içindir. CSI FB uygulamasında bu URL’ ler yerine başka URL’ ler kullanılacaktır.

**Guncel Fatura Tutari**

<https://csi.turkcell.com.tr/mrcsi/currentInvoice?req=IPHONEGUNCEL>

input**:** none

response**:**

{  
   **"CurrentInvoice"**:{  
      **"invoice"**:{  
         **"getOpenAmount"**:"200.22"  
      }  
   }  
}

**Fatura Sorgulama (Acik Faturalar)**

<https://csi.turkcell.com.tr/mrcsi/getOpenInvoices>

input**:**msisdn

response**:**

{  
   **"getOpenInvoices"**:{  
      **"openInvoices"**:{  
         **"965466098"**:{  
            **"getInvoiceNumber"**:"965466098",  
            **"getAmount"**:"32.0",  
            **"getInvoicePeriod"**:"201006",  
            **"getDueDateAsStr"**:"07.07.2010",  
            **"getCustomerName"**:"MU\*\*\*\*\*\* KO\*"  
         }  
      }  
   }  
}

**Tarife Sorgulama**

<https://csi.turkcell.com.tr/mrcsi/tariffQuery>

input**:** none

response**:**

{  
   **"TariffQuery"**:{  
      **"tariffDesc"**:"Gold Tarife",  
      **"advPackName"**:"GOLD PAKET 4GB DATA",  
      **"disPackNumbers"**:""  
   }  
}

Bu servletin tarifeye ilişkin description bilgisini de dönmesi sağlanmalıdır.

**Kalan Kullanim Sorgulama**

<https://csi.turkcell.com.tr/mrcsi/freeServicesQuery>

input**:** none

response**:**

{  
   **"FreeServicesQuery"**:{  
      **"freeUnits"**:[  
         {  
            **"getCampaignName"**:"GOLD PAKET 4GB DATA",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"3.437 MB",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Internet",  
            **"getCreditUnit2"**:"MB",  
            **"getCurrPeriodBalance2"**:"4.096",  
            **"getAvailableBalance2"**:"3.437",  
            **"getUnitRate"**:"1024",  
            **"getUnitTypeDesc"**:"DATA"  
         },  
         {  
            **"getCampaignName"**:"GOLD PAKET 4GB DATA",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"3.437 MB",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Internet",  
            **"getCreditUnit2"**:"MB",  
            **"getCurrPeriodBalance2"**:"4.096",  
            **"getAvailableBalance2"**:"3.437",  
            **"getUnitRate"**:"1024",  
            **"getUnitTypeDesc"**:"DATA"  
         },  
         {  
            **"getCampaignName"**:"GOLD PLUS 2000SMS HERYONE KMP",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"1.969 SMS",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"SMSHeryone",  
            **"getCreditUnit2"**:"SMS",  
            **"getCurrPeriodBalance2"**:"2.000",  
            **"getAvailableBalance2"**:"1.969",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SMS/MMS"  
         },  
         {  
            **"getCampaignName"**:"GOLD PLUS KMP",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"4.928 dk",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Turkcelllilerle",  
            **"getCreditUnit2"**:"dk",  
            **"getCurrPeriodBalance2"**:"5.000",  
            **"getAvailableBalance2"**:"4.928",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SES"  
         },  
         {  
            **"getCampaignName"**:"GOLD PLUS KMP",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"1.987 dk",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Heryone",  
            **"getCreditUnit2"**:"dk",  
            **"getCurrPeriodBalance2"**:"2.000",  
            **"getAvailableBalance2"**:"1.987",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SES"  
         },  
         {  
            **"getCampaignName"**:"HAFTADA 2GUNBEDAVA-CM-CMT 06:00-18:00 arasi",  
            **"getDeactivationDate"**:"21 Şubat 2013",  
            **"getAvailableBalance"**:"8.618 dk",  
            **"getActivationDate"**:"21 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Turkcelllilerle",  
            **"getCreditUnit2"**:"dk",  
            **"getCurrPeriodBalance2"**:"8.640",  
            **"getAvailableBalance2"**:"8.618",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SES"  
         },  
         {  
            **"getCampaignName"**:"PLATINUM YURTDISI SMS",  
            **"getDeactivationDate"**:"17 Şubat 2013",  
            **"getAvailableBalance"**:"30 SMS",  
            **"getActivationDate"**:"17 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"",  
            **"getCreditUnit2"**:"SMS",  
            **"getCurrPeriodBalance2"**:"30",  
            **"getAvailableBalance2"**:"30",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SMS/MMS"  
         }  
      ]  
   }  
}

**Fatura Kullanım Detayları (Fatura Listesini Getirir)**

<https://csi.turkcell.com.tr/mrcsi/callDetails>

input**:** referrer=monthselect&period=01

(müşterinin seçtiği fatura dönemi, geriye doğru en fazla 3 ay olabilir)

output**:**

{  
   **"FreeServicesQuery"**:{  
      **"freeUnits"**:[  
         {  
            **"getCampaignName"**:"GOLD PAKET 4GB DATA",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"3.437 MB",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Internet",  
            **"getCreditUnit2"**:"MB",  
            **"getCurrPeriodBalance2"**:"4.096",  
            **"getAvailableBalance2"**:"3.437",  
            **"getUnitRate"**:"1024",  
            **"getUnitTypeDesc"**:"DATA"  
         },  
         {  
            **"getCampaignName"**:"GOLD PAKET 4GB DATA",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"3.437 MB",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Internet",  
            **"getCreditUnit2"**:"MB",  
            **"getCurrPeriodBalance2"**:"4.096",  
            **"getAvailableBalance2"**:"3.437",  
            **"getUnitRate"**:"1024",  
            **"getUnitTypeDesc"**:"DATA"  
         },  
         {  
            **"getCampaignName"**:"GOLD PLUS 2000SMS HERYONE KMP",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"1.969 SMS",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"SMSHeryone",  
            **"getCreditUnit2"**:"SMS",  
            **"getCurrPeriodBalance2"**:"2.000",  
            **"getAvailableBalance2"**:"1.969",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SMS/MMS"  
         },  
         {  
            **"getCampaignName"**:"GOLD PLUS KMP",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"4.928 dk",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Turkcelllilerle",  
            **"getCreditUnit2"**:"dk",  
            **"getCurrPeriodBalance2"**:"5.000",  
            **"getAvailableBalance2"**:"4.928",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SES"  
         },  
         {  
            **"getCampaignName"**:"GOLD PLUS KMP",  
            **"getDeactivationDate"**:"25 Şubat 2013",  
            **"getAvailableBalance"**:"1.987 dk",  
            **"getActivationDate"**:"25 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Heryone",  
            **"getCreditUnit2"**:"dk",  
            **"getCurrPeriodBalance2"**:"2.000",  
            **"getAvailableBalance2"**:"1.987",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SES"  
         },  
         {  
            **"getCampaignName"**:"HAFTADA 2GUNBEDAVA-CM-CMT 06:00-18:00 arasi",  
            **"getDeactivationDate"**:"21 Şubat 2013",  
            **"getAvailableBalance"**:"8.618 dk",  
            **"getActivationDate"**:"21 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"Turkcelllilerle",  
            **"getCreditUnit2"**:"dk",  
            **"getCurrPeriodBalance2"**:"8.640",  
            **"getAvailableBalance2"**:"8.618",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SES"  
         },  
         {  
            **"getCampaignName"**:"PLATINUM YURTDISI SMS",  
            **"getDeactivationDate"**:"17 Şubat 2013",  
            **"getAvailableBalance"**:"30 SMS",  
            **"getActivationDate"**:"17 Ocak 2013",  
            **"getCreditUnit"**:"",  
            **"getZoneTypeDesc"**:"",  
            **"getCreditUnit2"**:"SMS",  
            **"getCurrPeriodBalance2"**:"30",  
            **"getAvailableBalance2"**:"30",  
            **"getUnitRate"**:"",  
            **"getUnitTypeDesc"**:"SMS/MMS"  
         }  
      ]  
   }  
}

**Güncel TL Miktarı**

<https://csi.turkcell.com.tr/mrcsi/kontormetre>

input**:** none

response**:**

{  
   **"Kontormetre"**:{  
      **"currentCounter"**:"0.64"  
   }  
}

**Prepaid Kullanım Detayları**

<https://csi.turkcell.com.tr/mrcsi/prepaidCallDetails>

input**:** none

response**:**

{  
   **"CallDetailsFirstPage"**:{  
      **"isSubscriptionActive"**:"false"  
   }  
}

**DESCRIPTOR OLMAYANLAR**

Mevcutta descriptor’ ı olmayanlar için eklenmesi gerekmektedir. Output değerleri aşağıdaki gibi olacaktır.

**Fatura Kesim Tarihi**

Bu servisin amacı en yakın fatura kesim tarihini dönmektir.

<https://csi.turkcell.com.tr/csi/billCycleQuery>

{

**"recentBillingDate"**:"25.02.2013"

}

**Fatura Kontrol Aboneliği Sorgulama**

Bu servisin amacı müşterinin (varsa) fatura kontrol aboneliğine dair limit değerini dönmektir.

https://csi.turkcell.com.tr/csi/ InvoiceLimitQueryServlet

{  
   **"invoiceLimit"**:"100 TL"  
}

**Kulüp Bilgisi**

Bu servisin amacı müşterinin varsa kulüp bilgilerini dönmektir. Bir müşteri birden fazla kulübe abone olabilir. Ayrıca standart dışındaki rank bilgisi (alt kulüp) ekranda gösterilmelidir.

İki kulübü olan bir müşteri için örnek output aşağıdaki gibi olmalıdır.

{  
   **"clubList"**:[  
      {  
         **"club"**:"Gnçtrkcll",  
         **"rank"**:"Standart"  
      },  
      {  
         **"club"**:"Yaşasın Kamu",  
         **"rank"**:"Doktorlar"  
      }  
   ]  
}

**Paket ve Servis Aboneliklerinin Sorgulanması**

Bu servisin amacı müşterinin CSI’ da hat özetim de gördüğü servis ve paket aboneliklerini dönmektir.

{  
   **"services"**:[  
      {  
         **"serviceName"**:"Fatura Cepte",  
         **"serviceName"**:"Goldbox",  
         **"serviceName"**:"Bireysel Uluslararasi SMS Paket30",  
         **"serviceName"**:"MobilImza Aylik standart Paket",  
         **"serviceName"**:"Kurumsal Ekonomik Mesaj SMS 50 Paketi",  
         **"serviceName"**:"CalarkenDinlet",  
         **"serviceName"**:"Yurtdisi TekFiyat Kurumsal",  
         **"serviceName"**:"AKILLI YURTDISI"  
      }  
   ]  
}