VakıfBank

VAKIFBANK ANA BAYİ - ALT BAYİ STANDART API ENTEGRASYON REHBERİ

Yazılım Geliştirici Kılavuzu

Sürüm	1.1
Yayın Tarihi	12/08/2026
Son Güncelleme	12/08/2026
Doküman No	VB-ANA BAYİ-ALT BAYİ-API-001

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1. DOKÜMAN HAKKINDA

1.1 Amaç ve Kapsam

Bu doküman, Ana Bayi-Alt Bayi hiyerarşisinde VakıfBank Sanal POS Standart API servisleri üzerinden 3D Secure ve Non-Secure ödeme, ön provizyon, puan, sorgulama, mutabakat ve Tarım Kart işlemlerinin gerçekleştirilmesi için gerekli teknik adımları açıklar.

BAŞVURU İÇİN GEREKLİ BELGELER

VakıfBank Sanal POS başvurusunun tamamlanabilmesi için, başvuru türüne göre aşağıda belirtilen belgelerle birlikte en yakın VakıfBank Şubesi'ne başvurulması rica olunur.

Gerçek Kişilerden Alınacak Belgeler

- Firma sahibi ve varsa yetkilisinin nüfus cüzdanı fotokopisi
- Vergi levhasının fotokopisi
- İmza beyanı
- Sözleşme vekâleten imzalanacak ise noter tasdikli vekâletname
- Vekilin imza beyanı

Tüzel Kişilerden Alınacak Belgeler

- Şirket yetkilisinin nüfus cüzdanı fotokopisi
- İmza sirküleri
- Kuruluşa ilişkin Ticaret Sicil Gazetesi fotokopisi
- Vergi levhasının fotokopisi
- Şirket adına işlem yapacak kişiye ilişkin yetki belgesi

1.2 Temel Terimler

Terim	Açıklama
MerchantId	VakıfBank tarafından üye işyerine tanımlanan üye işyeri numarası. Ana bayi-alt bayi modelinde isteklerde ana bayi numarası olarak kullanılır.
SubMerchantId / HostSubMerchantId	Alt bayi numarasını belirtir. 3D doğrulama/enrollment isteklerinde SubMerchantId, provizyon ve diğer VPOS XML işlemlerinde HostSubMerchantId olarak gönderilir.
MerchantType	Ana bayi-alt bayi ayrıştırıcısıdır. Ana bayi işlemlerinde **1**, alt bayi işlemlerinde **2** olarak iletilir.
TerminalNo	Sanal POS terminal numarası.
MerchantPassword / Password	API erişiminde kullanılan şifre. Ana bayi ve alt bayi işlemlerinin tamamında Ana Bayi şifresi gönderilir.
VerifyEnrollmentRequestId	3D Secure doğrulama akışını tekilleştiren üye işyeri işlem kimliği.
PaReq / PaRes	Kart hamilinin doğrulama akışında kullanılan istek ve cevap verileri.
ECI / CAVV	3D Secure doğrulamasının güvenlik göstergesi ve doğrulama değeri.
MpiTransactionId	3D Secure doğrulaması ile provizyonun eşleştirilmesinde kullanılan değer.
TransactionId	Finansal işlemi tekilleştiren işlem kimliği.

DİKKAT - ANA BAYİ / ALT BAYİ PARAMETRE KULLANIMI

Ana bayi işlemlerinde MerchantId alanına Ana Bayi numarası ve MerchantType alanına 1 gönderilmelidir. Alt bayi işlemlerinde MerchantId alanında Ana Bayi numarası, MerchantType alanında 2 kullanılır. Alt Bayi numarası 3D doğrulama/enrollment isteklerinde SubMerchantId, provizyon ve diğer VPOS XML işlemlerinde HostSubMerchantId alanında gönderilir. Password / MerchantPassword değeri tüm işlemlerde Ana Bayi şifresi olmalıdır.

2. HIZLI BAŞLANGIÇ VE TEST BİLGİLERİ

2.1 Temel Akış

Kart Doğrulama İsteği (VEReq) → Kart Doğrulama Cevabı (VERes) → Kimlik Doğrulama İsteği (PaReq) → Kimlik Doğrulama Cevabı (PaRes) → 3D Secure Provizyon

2.2 Test Üye İşyeri Bilgileri

Bilgi	Değer
Ana Bayi No	000000000011445
Ana Bayi Terminal	VP000265
API Şifresi	Ab123456
Alt Bayi No	000100000012805
Alt Bayi Terminal	VP000371

2.3 Test Kartları

Kart No	Vade	CVV2
4938410109068353	2912	503
4938410157705591	2912	453
5421190122944522	2804	466
5521010140829928	2912	691
6501700122153568	2811	488

i NOT
3D Secure şifresi 123456'dır.

! ÖNEMLİ
Test bilgileri yalnızca test ortamında kullanılmalıdır. Canlı ortam şifresi kaynak kodda açık şekilde tutulmamalıdır.

3. ENDPOINTLER VE ORTAM ADRESLERİ

Aşağıdaki servis adresleri test ve canlı ortamlar içindir.

İşlem	Test	Canlı
3D Secure JSON	https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/ProcessEnrollment	https://inbound.apigateway.vakifbank.com.tr:8443/threeDGateway/ProcessEnrollment
3D Secure URL Encoded	https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/Enrollment	https://inbound.apigateway.vakifbank.com.tr:8443/threeDGateway/Enrollment
PaReq / 3D Akışı	https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/startThreeDFlow	https://inbound.apigateway.vakifbank.com.tr:8443/threeDGateway/startThreeDFlow
Provizyon	https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq	https://apigw.vakifbank.com.tr:8443/virtualPos/Vposreq
Search	https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search	https://apigw.vakifbank.com.tr:8443/virtualPos/Search
Settlement	https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Settlement	https://apigw.vakifbank.com.tr:8443/virtualPos/Settlement
Settlement Detail	https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/SettlementDetail	https://apigw.vakifbank.com.tr:8443/virtualPos/SettlementDetail
İlk 8 / Son 4	https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/transaction/insurance	https://apigw.vakifbank.com.tr:8443/virtualPos/transaction/insurance

💡 **İPUCU**
Ortam adreslerini tek bir yapılandırma katmanından yönetin ve test/canlı geçişlerinde sadece bu yapılandırmayı değiştirin.

4. 3D SECURE ENTEGRASYONU - JSON

4.1 JSON ile Enrollment

3D Secure'un ilk aşaması olan kart doğrulama işlemidir. Bu aşamanın ardından, kimlik doğrulama aşamasında elde edilen PaReq sonucu ile birlikte provizyon işlemine çıkılması gereklidir. İstek **application/json** olarak gönderilir.

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/ProcessEnrollment
```

Örnek Alt Bayi JSON İstek

```
{"Pan":"5521010140829928","ExpiryDate":"2912","PurchaseAmount":1.09,"Currency":"949","VerifyEnrollmentRequestId":"vakif1954a","Merch
antId":"000000000011445","SubMerchantId":"000100000012805","MerchantPassword":"Ab123456","SuccessUrl":"http://vakifkart.com.tr
","MerchantType":"2","FailureUrl":"http://vakifbank.com.tr"}
```

Örnek Alt Bayi cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/ProcessEnrollment \
  --header 'content-type: application/json' \
  --data
'{"Pan":"5521010140829928","ExpiryDate":"2912","PurchaseAmount":1.09,"Currency":"949","VerifyEnrollmentRequestId":"vakif1954v","Merc
hantId":"000000000011445","SubMerchantId":"000100000012805","MerchantPassword":"Ab123456","SuccessUrl":"http://vakifkart.com.tr
","MerchantType":"2","FailureUrl":"http://vakifbank.com.tr"}'
```

Örnek Ana Bayi JSON İstek

```
{"Pan":"5521010140829928","ExpiryDate":"2912","PurchaseAmount":1.09,"Currency":"949","VerifyEnrollmentRequestId":"vakif1954z","Merch
antId":"000000000011445","MerchantPassword":"Ab123456","SuccessUrl":"http://vakifkart.com.tr
","MerchantType":"1","FailureUrl":"http://vakifbank.com.tr"}
```

Örnek Ana Bayi cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/ProcessEnrollment \
  --header 'content-type: application/json' \
  --data
'{"Pan":"5521010140829928","ExpiryDate":"2912","PurchaseAmount":1.09,"Currency":"949","VerifyEnrollmentRequestId":"vakif1954z","Merc
hantId":"000000000011445","MerchantPassword":"Ab123456","SuccessUrl":"http://vakifkart.com.tr
","MerchantType":"1","FailureUrl":"http://vakifbank.com.tr"}'
```

4. 3D SECURE ENTEGRASYONU - JSON / ÖRNEK CEVAP

4.2 JSON / Örnek Cevap


```
{
  "ProcessEnrollmentResult": {
    "Pareq":
"PCFET0NUWVBFIGh0bWw+PGh0bWwgbGFuZz0nZW4nPjxoZWFkPjxtZXRhIGh0dHAtZXF1aXY9J0NvbnRlbnQtVHlwZScgY29udGVudD0ndGV4dC9odG1sOyBjaGFyc2V0PXV0Zi04Jy8+IDxtZXRhIG5
hbWU9J3ZpZXdwb3J0JyBjb250ZW50PSd3aWR0aD1kZXZpY2Utd2lkdGgsIGluaXRpYWwtc2NhbGU9MS4wJz4gPHRpdGxlPkZvcm0gRXhhbXBsZTwvdGl0bGU+IDxzY3JpcHQ+IHNldFRpbWVvdXQoZnV
uY3Rpb24gKCkgeyBjb25zdCBmb3JtID0gZG9jdW1lbnQuZ2V0RWxlbWVudEJ5SWQoJ2luaXRUaHJlZURGbG93Jyk7IGZvcm0uc3R5bGUudmlzaWJpbGl0eSA9ICdoaWRkZW4nOyBmb3JtLnN1Ym1pdCg
pOyB9LCAxMCk7IDwvc2NyaXB0PiA8L2hlYWQ+IDxib2R5PiA8Zm9ybSBpZD0naW5pdFRocmVlREZsb3cnIG5hbWU9J2luaXRUaHJlZURGbG93JyBhY3Rpb249J2h0dHBzOi8vZ29ndXZlbmxpb2RlbWU
tcHJlcHJvZC5ia210ZXN0LmNvbS50ci90cm95L2FwcHJvdmUnIG1ldGhvZD0ncG9zdCc+IDxpbnB1dCB0eXBlPSdoaWRkZW4nIG5hbWU9J2dvcmVxJyB2YWx1ZT0nZXlKbGVIQnBjbmtpT2lJeU9URXl
JaXdpYVdRaU9pSXdNREUxWWpnellqaGxOVE10WTJGa1ppMDBORFV4TFRsallUZ3RNakJtWlRNMVl6TXhPVEkxSWl3aWRHbHRaU0k2SWpJd01qWXdPREV5TWpFd05qRTBJaXdpZG1WeWMybHZiaUk2SWp
BdU1ETWlMQ0puYjFOMFlXMXdJam9pWlhsS2FHSkhZMmxQYVVwSlZYcFZlRTFwU2prdVpYbEtlbVJYU1dsUGFVbDNUVVJCZDAxRVFYZE5SRUYzVFZSRk1FNUVWV2xNUTBvd1lWY3hiR0l6VmpCVk1sWnF
ZakkxYTJONVNUWk9SRTE1VFVSQmQwMUVRWE5KYmtwMllrZFdla2xxYjJsSmFYZHBXbGhvZDBscWIzaFBSRWsxVG5wVk0wOVVZekJtVVM1RFV6SmlWMVpuZWtoTU1VeEhiRmhTVEhSclpVOWZWV000TVh
sdmVXSmZla1pGTUZWa00zVnZVVVF0VkV4RFJHcDFlV3B5VTFGU2JtUm5Ua3BqVDJ0RlgzcHFUVzVPTVROUGR6UktUMVZSVXpBNFNqQk5aeUlzSW0xaFl5STZJa1pLUVZZNFZrdzFRbFF3VkZSemFVaGt
WVk5VUTI1UVNHaGFSM2xGYm1wVVEzbFNWRWREWmxOQ1FURlhaRVYzVFVabGVXY3ZkakZxVWs1TlFWcHRaVzR4UVZkSmJHaElXRmxXUTFKRVVVcE1OMm94VldOSlQyNXliVk0zU21GYVRXdHVTVUZET0R
oSEwwUTVZWGR2YmpodU1YazBiMjlrU1dwSVVEQk5iVUZhU0hnNU5WZGtaamxKZWxNMkwwcFNhVEkyWWtkMlYyaG9halpSYjFScVVHWjRVVVJ5Vm1wSmJ6RkdRbG8yTVdGWlRtdEZLMEZFTW10c1RFMUV
RM1pGWW5wcGRrdEZWMU56UWt3eWFDdHVSM2xFZW01REwzVkpUbk13V1ZSV1kzQlNjVzFNVGswd1JFcGthM1ZoU25GUGJrMU5SSGhVVjAwMmRsRjNWbEJNZERrNGNGWktObWR6YVVRNVJYTkVMekpPYzF
JNWJsSkNWa3RGZVhaQk4waG9VMHhwVkVObldEWlNSRE5sZWxnMlpYWlFURE13ZUdFeFpHNXNNWHBZTDBaV1EzaDRlVWhZTjBScmJEQTlJbjA9Jy8+IDxub3NjcmlwdD4gPHA+PHN0cm9uZz5JdCBsb29
rcyBsaWtlIEphdmFTY3JpcHQgaXMgZGlzYWJsZWQgaW4geW91ciBicm93c2VyLiBQbGVhc2UgY2xpY2sgdGhlIGJ1dHRvbiBiZWxvdyB0byBzdWJtaXQgdGhlIGZvcm0gbWFudWFsbHkuPC9zdHJvbmc
+PC9wPiA8YnV0dG9uIHR5cGU9J3N1Ym1pdCc+UGxlYXNlIGNsaWNrIGhlcmUgdG8gY29udGludWU8L2J1dHRvbj4gPC9mb3JtPiA8L2JvZHk+IDwvaHRtbD4=",
    "MD":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJUb2tlbkV4cGlyZURhdGUiOjE3ODY1NTg1NzQsIk1lcmNoYW50SWQiOiIwMDAwMDAwMDAwMTE0NDUifQ.An7Pm6gQd5Qik0TxPjKDYXwQVqxcPFl
05sJb7_JgEVE#https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/getGoRes#0015522f945c-5efc-4cc0-9497-6d9ad92c94ca#56644",
    "ACSUrl": "https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/startThreeDFlow",
    "ResultCode": "0000",
    "Status": "Y",
    "Version": "0.03",
    "VerifyEnrollmentRequestId": "vakif1954v",
    "MessageId": "0015522f945c-5efc-4cc0-9497-6d9ad92c94ca",
    "ErrorMessage": "",
    "MessageErrorCode": "200",
    "ActualBrand": 200
  }
}
```

5. 3D SECURE - URL ENCODED VE PAREQ

5.1 URL Encoded Enrollment

3D Secure'un ilk aşaması olan kart doğrulama işlemidir. Bu isteğin URL Encoded (**application/x-www-form-urlencoded**) formatında gönderilmesi gereklidir. Kart doğrulama aşamasının ardından, kimlik doğrulama aşamasında elde edilen PaReq sonucu ile birlikte provizyon işlemine çıkılmalıdır.

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/Enrollment
```

Alt Bayi cURL

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/Enrollment \
  --header 'content-type: application/x-www-form-urlencoded' \
  --data Pan=5521010140829928 \
  --data ExpiryDate=2912 \
  --data PurchaseAmount=1.50 \
  --data Currency=949 \
  --data VerifyEnrollmentRequestId=vakif1954testv \
  --data MerchantId=000000000011445 \
  --data MerchantPassword=Ab123456 \
  --data SuccessUrl=http://vakifkart.com.tr \
  --data FailureUrl=http://vakifbank.com.tr \
  --data SubMerchantId=000100000012805 \
  --data MerchantType=2
```

Ana Bayi cURL

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/Enrollment \
  --header 'content-type: application/x-www-form-urlencoded' \
  --data Pan=4938410157705591 \
  --data ExpiryDate=2912 \
  --data PurchaseAmount=1.50 \
  --data Currency=949 \
  --data VerifyEnrollmentRequestId=vakif1954test1a \
  --data MerchantId=000000000011445 \
  --data MerchantPassword=Ab123456 \
  --data SuccessUrl=http://vakifkart.com.tr \
  --data FailureUrl=http://vakifbank.com.tr \
  --data MerchantType=1
```

5. 3D SECURE - URL ENCODED CEVAP

5.2 URL Encoded Cevap


```
<?xml version="1.0" encoding="utf-8"?>
<IPaySecure>
    <Message ID="00157e31f541-484f-4a01-b184-9359cf47ba51">
        <VERes>
            <Status>Y</Status>

<PaReq>PCFET0NUWVBFIGh0bWw+PGh0bWwgbGFuZz0nZW4nPjxoZWFkPjxtZXRhIGh0dHAtZXF1aXY9J0NvbnRlbnQtVHlwZScgY29udGVudD0ndGV4dC9odG1sOyBjaGFyc2V0PXV0Zi04Jy8+IDxtZXRhIG5hbWU9J3ZpZXdwb3J0JyBjb250ZW50PSd3aWR0aD1kZXZpY2Utd2lkdGgsIGluaXRpYWwtc2NhbGU9MS4wJz4gPHRpdGxlPkZvcm0gRXhhbXBsZTwvdGl0bGU+IDxzY3JpcHQ+IHNldFRpbWVvdXQoZnVuY3Rpb24gKCkgeyBjb250ZW50ID0gZG9jdW1lbnQuZ2V0RWxlbWVudEJ5SWQoJ2luaXRUaHJlZURGbG93Jyk7IGZvcm0gPSBjb250ZW50LmNsb25lTm9kZSh0cnVlKTsgZm9ybS5zdHlsZS5kaXNwbGF5ID0gJ25vbmUnOyBkb2N1bWVudC5ib2R5LmFwcGVuZENoaWxkKGZvcm0pOyBmb3JtLnN1Ym1pdCgpOyB9LCAxMCk7IDwvc2NyaXB0PiA8L2hlYWQ+IDxib2R5PiA8L2JvZHk+IDwvaHRtbD4=</PaReq>
            <ACSUrl>https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/startThreeDFlow</ACSUrl>
            <MD>eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJUb2tlbkV4cGlyZURhdGUiOjE3ODY1NTkyOTgsIk1lcmNoYW50SWQiOiIwMDAwMDAwMDAwMTE0NDUifQ.rQjmxV-
WqxsfqxcqcO893iAPcZ3R9rE2vH1tDj30i14#https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/getGoRes#00157e31f541-484f-4a01-b184-
9359cf47ba51#56652</MD>
            <TermUrl>https://inbound.apigateway.vakifbank.com.tr:8443/threeDGateway</TermUrl>
            <ACTUALBRAND>200</ACTUALBRAND>
        </VERes>
    </Message>
    <VerifyEnrollmentRequestId>vakif1954testv</VerifyEnrollmentRequestId>
    <MessageErrorCode>200</MessageErrorCode>
</IPaySecure>
```


> **⚠ DİKKAT**
>
> SuccessUrl ve FailureUrl internet üzerinden erişilebilir HTTPS adresleri olmalıdır. URL içerisinde kart bilgisi, güvenlik verisi veya hassas bilgi bulunmamalıdır.
>
> Success ve fail URL değerlerinde kart bilgilerini içeren parametreler ve IP adresleri yer almamalıdır. Ayrıca localhost, Cvv vb. ifadeleri içeren URL'ler kullanılmamalıdır.

5. 3D SECURE - PAREQ AŞAMASI VE KONTROLLER

5.3 PaReq Aşaması

Kimlik doğrulama aşamasıdır. VERes cevabında dönen **PaReq** ve **MD** değerleri aşağıdaki forma yerleştirilerek 3D Secure akışı başlatılır. Kart hamilinin doğrulanması, SMS ile doğrulama (challenge) veya 3D Secure 2.0 frictionless flow yöntemiyle gerçekleştirilebilir. Bu aşamada kartı çıkaran bankanın kontrolündeki ACS ekranı açılmaktadır.

```
<html>
<head><title>PaReq Test</title></head>
<body>
<form name="downloadForm" action="https://inbound.apigatewaytest.vakifbank.com.tr:8443/threeDGateway/startThreeDFlow" method="POST">
  <input type="hidden" name="PaReq" value="VERES_DONEN_PAREQ"/>
  <input type="hidden" name="MD" value="VERES_DONEN_MD"/>
  <input type="submit" value="Devam"/>
</form>
</body>
</html>
```

i PROVİZYON İÇİN GEREKLİ BİLGİLER

Doğrulama sonucunda tarayıcıdan dönen **ECI**, **CAVV** ve **MpiTransactionId** bilgileri alınarak bir sonraki aşamadaki 3D Secure provizyon isteğine eklenmelidir.

i BİLGİ

Kartı çıkaran bankanın ACS ekranı açılır. Doğrulama tamamlandığında tarayıcıya Status, ECI, CAVV ve işlem kimliği bilgileri döner.

⛔ KRİTİK KONTROL - FULL SECURE İŞLEM KOŞULLARI

3D Secure işlemin Full Secure olarak değerlendirilebilmesi için Status=Y, ECI=02 veya 05, CAVV alanı dolu, MpiTransactionId doğrulanmış ve MdStatus=1 olmalıdır. MdStatus değeri mutlaka kontrol edilmeli; yalnızca 1 olması halinde işlem 3D Secure olarak işlenmelidir. Bu koşullardan herhangi biri sağlanmıyorsa işlem durdurulmalı, provizyon isteği gönderilmemeli ve kart hamiline uygun hata mesajı gösterilmelidir.

⚠ DİKKAT

SuccessUrl ve FailureUrl adreslerinin sonuna her işlem özelinde benzersiz bir token üretilerek bu adreslere ilave edilmesi güvenlik açısından çok önemlidir. Ayrıca hash algoritmasının hesaplanarak doğrulama sürecine dahil edilmesi ve böylece daha güvenli bir işleme aracılık edilmesi tavsiye edilmektedir.

6. 3D SECURE PROVİZYON

6.1 Standart 3D Secure Provizyon

Alt Bayi - Örnek XML İstek

```
<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000371</TerminalNo>
    <Password>Ab123456</Password>
    <CurrencyAmount>1.91</CurrencyAmount>
    <CurrencyCode>949</CurrencyCode>
    <Pan>4938410157705591</Pan>
    <Expiry>202912</Expiry>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <MerchantType>2</MerchantType>
    <ClientIp>1.1.1.1</ClientIp>
    <CAVV>ABIBAWAAANEEAAABkQAAAAAAAAA=</CAVV>
    <ECI>05</ECI>
    <MpiTransactionId>vakif1954test12</MpiTransactionId>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

Alt Bayi - Örnek cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000371</TerminalNo>
    <Password>Ab123456</Password>
    <CurrencyAmount>1.50</CurrencyAmount>
    <CurrencyCode>949</CurrencyCode>
    <Pan>4938410157705591</Pan>
    <Expiry>202912</Expiry>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <MerchantType>2</MerchantType>
    <ClientIp>1.1.1.1</ClientIp>
    <CAVV>ABIBAYQAAKXGAAABUAAAAAAAAAA=</CAVV>
    <ECI>05</ECI>
    <MpiTransactionId>vakif1954test12</MpiTransactionId>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>'
```

i ALT BAYİ PARAMETRELERİ

Alt bayi provizyonunda MerchantId Ana Bayi numarasıdır. TerminalNo Alt Bayi terminali, HostSubMerchantId Alt Bayi numarası ve MerchantType 2 olarak gönderilir. Password Ana Bayi şifresidir.

6. 3D SECURE PROVİZYON - ANA BAYİ

6.1 Standart 3D Secure Provizyon - Devam

Ana Bayi - Örnek XML İstek

```
<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000265</TerminalNo>
    <Password>Ab123456</Password>
    <CurrencyAmount>1.50</CurrencyAmount>
    <CurrencyCode>949</CurrencyCode>
    <Pan>4938410157705591</Pan>
    <Expiry>202912</Expiry>
    <MerchantType>1</MerchantType>
    <ClientIp>1.1.1.1</ClientIp>
    <CAVV>ABIBBXYAAPXOAAABUAAAAAAAAAA=</CAVV>
    <ECI>05</ECI>
    <MpiTransactionId>vakif1954test1ab</MpiTransactionId>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

Ana Bayi - Örnek cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000265</TerminalNo>
    <Password>Ab123456</Password>
    <CurrencyAmount>1.50</CurrencyAmount>
    <CurrencyCode>949</CurrencyCode>
    <Pan>4938410157705591</Pan>
    <Expiry>202912</Expiry>
    <MerchantType>1</MerchantType>
    <ClientIp>1.1.1.1</ClientIp>
    <CAVV>ABIBBXYAAPXOAAABUAAAAAAAAAA=</CAVV>
    <ECI>05</ECI>
    <MpiTransactionId>vakif1954test1ab</MpiTransactionId>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>'
```

i ANA BAYİ PARAMETRELERİ

Ana bayi provizyonunda MerchantId Ana Bayi numarası, TerminalNo Ana Bayi terminali ve MerchantType 1 olarak gönderilir. Password Ana Bayi şifresidir.

6. 3D SECURE PROVİZYON - 3DS METODLU / ALT BAYİ

6.2 3DS Metodlu Provizyon

PCI kuralları gereği tarayıcı dönüşünde kart bilgileri maskeli olarak iletilir. Kart numarası ve vade bilgisini kendi uygulamanızda tekrar tutmadan provizyona çıkmak istiyorsanız 3DS Metodu kullanılabilir. Bu yöntemde banka, doğrulama aşamasında üretilen MpiTransactionId üzerinden kart, vade, tutar ve para birimi bilgilerini eşleştirerek provizyon işlemini tamamlar.

Alt Bayi - Örnek XML İstek

```
<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000371</TerminalNo>
    <Password>Ab123456</Password>
    <ClientIp>1.1.1.1</ClientIp>
    <MpiTransactionId>test01</MpiTransactionId>
    <ECI>05</ECI>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <MerchantType>2</MerchantType>
    <CAVV>ABIBADUAAIgHAAABCQAAAAAAAAA=</CAVV>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

Alt Bayi - Örnek cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000371</TerminalNo>
    <Password>Ab123456</Password>
    <ClientIp>1.1.1.1</ClientIp>
    <MpiTransactionId>test01</MpiTransactionId>
    <ECI>05</ECI>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <MerchantType>2</MerchantType>
    <CAVV>ABIBADUAAIgHAAABCQAAAAAAAAA=</CAVV>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>'
```

6. 3D SECURE PROVİZYON - 3DS METODLU / ANA BAYİ

6.2 3DS Metodlu Provizyon - Devam

Ana Bayi - Örnek XML İstek

```
<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>0000000000011445</MerchantId>
    <TerminalNo>VP000265</TerminalNo>
    <Password>Ab123456</Password>
    <ClientIp>1.1.1.1</ClientIp>
    <MpiTransactionId>test01</MpiTransactionId>
    <ECI>05</ECI>
    <MerchantType>1</MerchantType>
    <CAVV>ABIBADUAAIgHAAABCQAAAAAAAAA=</CAVV>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

Ana Bayi - Örnek cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>0000000000011445</MerchantId>
    <TerminalNo>VP000265</TerminalNo>
    <Password>Ab123456</Password>
    <ClientIp>1.1.1.1</ClientIp>
    <MpiTransactionId>test01</MpiTransactionId>
    <ECI>05</ECI>
    <MerchantType>1</MerchantType>
    <CAVV>ABIBADUAAIgHAAABCQAAAAAAAAA=</CAVV>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>'
```

⚠ DİKKAT

ClientIp parametresinde kart hamiline ait gerçek IP adresi iletilmelidir. Kart hamilinin IP bilgisinin doğru şekilde alınması ve Bankaya gönderilmesi üye işyerinin sorumluluğundadır.

6. 3D SECURE PROVİZYON - CEVAPLAR

6.3 Ana Bayi ve Alt Bayi Cevapları

Standart 3D Secure provizyon ve 3DS metodlu provizyon işlemlerinde cevap yapısı aynıdır. Aşağıda Ana Bayi ve Alt Bayi için örnek başarılı cevaplar yer almaktadır.

Ana Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
    <TransactionType>Sale</TransactionType>
    <AuthCode>538634</AuthCode>
    <ResultDetail>İŞLEM BAŞARILI</ResultDetail>
    <MerchantType>1</MerchantType>
    <BatchNo>9</BatchNo>
    <MerchantId>000000000011445</MerchantId>
    <TLAmount>1.50</TLAmount>
    <SurchargeAmount>1.50</SurchargeAmount>
    <CurrencyAmount>1.50</CurrencyAmount>
    <TransactionId>65f5be13-b4ea-4b7b-91dd-27d517dc3017</TransactionId>
    <Rrn>622447814340</Rrn>
    <CurrencyCode>949</CurrencyCode>
    <ThreeDSecureType>2</ThreeDSecureType>
    <TerminalNo>VP000265</TerminalNo>
    <TransactionDeviceSource>0</TransactionDeviceSource>
    <GainedPoint>0.02</GainedPoint>
    <TotalPoint>519010.87</TotalPoint>
    <ResultCode>0000</ResultCode>
    <HostDate>20260812220646</HostDate>
    <CustomItems>
        <Item name="CardHolderName" value="AS* BÜ*"/>
    </CustomItems>
</VposResponse>
```

Alt Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
    <TransactionType>Sale</TransactionType>
    <AuthCode>560029</AuthCode>
    <ResultDetail>İŞLEM BAŞARILI</ResultDetail>
    <MerchantType>2</MerchantType>
    <BatchNo>598</BatchNo>
    <MerchantId>000000000011445</MerchantId>
    <TLAmount>1.50</TLAmount>
    <SurchargeAmount>1.50</SurchargeAmount>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <CurrencyAmount>1.50</CurrencyAmount>
    <TransactionId>d71af6c3-7cd0-4a4b-86af-5770e323d9db</TransactionId>
    <Rrn>622447814339</Rrn>
    <CurrencyCode>949</CurrencyCode>
    <ThreeDSecureType>2</ThreeDSecureType>
    <TerminalNo>VP000371</TerminalNo>
    <TransactionDeviceSource>0</TransactionDeviceSource>
    <GainedPoint>0.02</GainedPoint>
    <TotalPoint>519010.85</TotalPoint>
    <ResultCode>0000</ResultCode>
    <HostDate>20260812220103</HostDate>
    <CustomItems>
        <Item name="CardHolderName" value="AS* BÜ*"/>
    </CustomItems>
</VposResponse>
```

6. 3D SECURE PROVİZYON - BAŞARILI CEVAP VE KONTROLLER

6.4 Başarılı Cevap ve Kontroller

DİKKAT - PASSWORD DEĞERİ

Password değerine Bankamız Sanal POS paneline (https://sanalpos.vakifbank.com.tr) girilip Üye İşyeri İşlemleri -> Üye İşyeri Yetkileri menüsünde yer alan Şifre alanından ulaşabilirsiniz. Ana Bayi-Alt Bayi modelinde tüm işlemlerde Ana Bayi şifresi kullanılmalıdır. Şifre bilgisi müşterilerimize özeldir ve sadece panelden erişilebilmektedir.

ÖNEMLİ

MpiTransactionId alanına 3D Secure mesajındaki VerifyEnrollmentRequestId ile aynı değer yazılmalıdır.
Half Secure işleme izin verilmez.

KRİTİK KONTROL - STATUS Y DEĞİLSE İŞLEMİ DURDURUN

3D Secure doğrulama sonucunda Status alanı Y değilse provizyon isteği kesinlikle gönderilmemelidir.
Akış derhal sonlandırılmalı ve kart hamiline uygun hata mesajı gösterilmelidir.
Provizyona yalnızca Status=Y, MdStatus=1, ECI=02 veya 05, CAVV dolu ve MpiTransactionId doğrulanmış olduğunda devam edin.

TAKSİT BİLGİSİ

Taksitli işlem yapılacaksa provizyon isteğine <NumberOfInstallments>2</NumberOfInstallments> parametresi eklenmelidir.
Peşin işlemde bu parametre isteğe dahil edilmemelidir.

TRANSACTIONID VE ORDERID

TransactionId üye işyeri tarafından gönderilmezse Banka kendi algoritmasıyla benzersiz bir değer üretir.
OrderId opsiyoneldir; firmanızdaki sipariş, rezervasyon veya işlem numarasıyla eşleştirme yapmak için gönderilmesi önerilir.

İPUCU - TRANSACTIONID VE ORDERID KULLANIMI

TransactionId istek mesajında gönderilmezse Banka kendi algoritmasıyla bir değer oluşturur ve cevap mesajında döner. Siparişlerin takibi için TransactionId alanının yanında opsiyonel olarak <OrderId></OrderId> tagini ekleyerek sipariş numaranızı iletebilirsiniz; bu değer cevap mesajında da dönecektir. OrderId parametresi satış, iade ve iptal isteklerinde dolu gönderildiğinde finansal raporlardaki Sipariş No alanı da dolu gelir ve mutabakat işlemleri kolaylaşır.

7. NON SECURE ÖDEME İŞLEMLERİ

Non Secure işlemlerde 3D doğrulama yapılmadan doğrudan finansal provizyon alınır.

7.1 Alt Bayi İstek

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

Alt Bayi - XML İstek

```
<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000371</TerminalNo>
    <Password>Ab123456</Password>
    <CurrencyAmount>1.3</CurrencyAmount>
    <CurrencyCode>949</CurrencyCode>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <MerchantType>2</MerchantType>
    <Pan>4938410157705591</Pan>
    <Expiry>202912</Expiry>
    <ClientIp>1.1.1.1</ClientIp>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

Alt Bayi - cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><TransactionType>Sale</TransactionType><MerchantId>000000000011445</MerchantId>
<TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><CurrencyAmount>1.3</CurrencyAmount><CurrencyCode>949</CurrencyCode>
<HostSubMerchantId>000100000012805</HostSubMerchantId><MerchantType>2</MerchantType><Pan>4938410157705591</Pan>
<Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

7. NON SECURE ÖDEME İŞLEMLERİ - ALT BAYİ CEVAP

7.2 Alt Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
    <TransactionType>Sale</TransactionType>
    <AuthCode>978913</AuthCode>
    <ResultDetail>İŞLEM BAŞARILI</ResultDetail>
    <MerchantType>2</MerchantType>
    <BatchNo>598</BatchNo>
    <MerchantId>000000000011445</MerchantId>
    <TLAmount>1.30</TLAmount>
    <SurchargeAmount>1.30</SurchargeAmount>
    <HostSubMerchantId>000100000012805</HostSubMerchantId>
    <CurrencyAmount>1.30</CurrencyAmount>
    <TransactionId>147cf760-9a1b-4d78-ba72-678becd05f95</TransactionId>
    <Rrn>622447814343</Rrn>
    <CurrencyCode>949</CurrencyCode>
    <ThreeDSecureType>1</ThreeDSecureType>
    <TerminalNo>VP000371</TerminalNo>
    <TransactionDeviceSource>0</TransactionDeviceSource>
    <GainedPoint>0.02</GainedPoint>
    <TotalPoint>519010.89</TotalPoint>
    <ResultCode>0000</ResultCode>
    <HostDate>20260812225703</HostDate>
    <CustomItems>
        <Item name="CardHolderName" value="AS* BÜ*"/>
    </CustomItems>
</VposResponse>
```

i ALT BAYİ CEVAP ALANLARI

Alt Bayi işlemlerinde cevap mesajında MerchantType=2 ve HostSubMerchantId alanları yer alır. TerminalNo alanı Alt Bayi terminalini gösterir.

7. NON SECURE ÖDEME İŞLEMLERİ - ANA BAYİ

7.3 Ana Bayi İstek

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

Ana Bayi - XML İstek

```
<VposRequest>
    <TransactionType>Sale</TransactionType>
    <MerchantId>000000000011445</MerchantId>
    <TerminalNo>VP000265</TerminalNo>
    <Password>Ab123456</Password>
    <CurrencyAmount>1.37</CurrencyAmount>
    <CurrencyCode>949</CurrencyCode>
    <Pan>4938410157705591</Pan>
    <MerchantType>1</MerchantType>
    <Expiry>202912</Expiry>
    <ClientIp>1.1.1.1</ClientIp>
    <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

Ana Bayi - cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><TransactionType>Sale</TransactionType><MerchantId>000000000011445</MerchantId>
<TerminalNo>VP000265</TerminalNo><Password>Ab123456</Password><CurrencyAmount>1.37</CurrencyAmount><CurrencyCode>949</CurrencyCode>
<Pan>4938410157705591</Pan><MerchantType>1</MerchantType><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp>
<TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

7. NON SECURE ÖDEME İŞLEMLERİ - ANA BAYİ CEVAP VE KONTROLLER

7.4 Ana Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
    <TransactionType>Sale</TransactionType>
    <AuthCode>870055</AuthCode>
    <ResultDetail>İŞLEM BAŞARILI</ResultDetail>
    <MerchantType>1</MerchantType>
    <BatchNo>9</BatchNo>
    <MerchantId>000000000011445</MerchantId>
    <TLAmount>1.37</TLAmount>
    <SurchargeAmount>1.37</SurchargeAmount>
    <CurrencyAmount>1.37</CurrencyAmount>
    <TransactionId>f0ee7860-be60-4204-933c-88de9e2a4dac</TransactionId>
    <Rrn>622447814345</Rrn>
    <CurrencyCode>949</CurrencyCode>
    <ThreeDSecureType>1</ThreeDSecureType>
    <TerminalNo>VP000265</TerminalNo>
    <TransactionDeviceSource>0</TransactionDeviceSource>
    <GainedPoint>0.02</GainedPoint>
    <TotalPoint>519010.91</TotalPoint>
    <ResultCode>0000</ResultCode>
    <HostDate>20260812225936</HostDate>
    <CustomItems>
        <Item name="CardHolderName" value="AS* BÜ*"/>
    </CustomItems>
</VposResponse>
```

⚠ DİKKAT

Non Secure işlem yetkileri, Güvenlik Müdürlüğü tarafından gerekli kontroller yapıldıktan sonra tanımlanmaktadır. Non Secure işlemler kart hamili itirazlarına açıktır. Bu nedenle mümkün olan işlemlerde 3D Secure doğrulaması kullanılarak ödeme alınması önerilir. Bu işlemler yalnızca üye işyerinin tanımlı yetkileri ve güvenlik yükümlülükleri kapsamında kullanılmalıdır.

8. ÖN PROVİZYON İŞLEMLERİ

8.1 Alt Bayi Ön Provizyon

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><HostSubMerchantId>00010000001
2805</HostSubMerchantId><TerminalNo>VP000371</TerminalNo><MerchantType>2</MerchantType><TransactionType>Auth</Tr
ansactionType><CurrencyAmount>2.00</CurrencyAmount><CurrencyCode>949</CurrencyCode><Pan>4938410157705591</Pan><E
xpiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposReque
st>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><HostSubMerchantId>000
100000012805</HostSubMerchantId><TerminalNo>VP000371</TerminalNo><MerchantType>2</MerchantType><TransactionType>
Auth</TransactionType><CurrencyAmount>2.00</CurrencyAmount><CurrencyCode>949</CurrencyCode><Pan>4938410157705591
</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></V
posRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Auth</TransactionType>
<AuthCode>181615</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>2.00</TLAmount>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<CurrencyAmount>2.00</CurrencyAmount>
<TransactionId>91d82dc4-8d80-403e-a534-14cfccc63612</TransactionId>
<Rrn>622534814469</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<CurrencyCode>949</CurrencyCode>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<HostDate>20260813094947</HostDate>
<ResultCode>0000</ResultCode>
<CustomItems>
<Item name="CardHolderName" value="AS* BÜ*"/>
</CustomItems>
</VposResponse>
```

8. ÖN PROVİZYON İŞLEMLERİ

8.2 Ana Bayi Ön Provizyon

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000265</Terminal
No><MerchantType>1</MerchantType><TransactionType>Auth</TransactionType><CurrencyAmount>2.00</CurrencyAmount><Cu
rrencyCode>949</CurrencyCode><Pan>4938410157705591</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><Tran
sactionDeviceSource>0</TransactionDeviceSource></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000265</
TerminalNo><MerchantType>1</MerchantType><TransactionType>Auth</TransactionType><CurrencyAmount>2.00</CurrencyAm
ount><CurrencyCode>949</CurrencyCode><Pan>4938410157705591</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</Client
Ip><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Auth</TransactionType>
<AuthCode>500825</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>2.00</TLAmount>
<CurrencyAmount>2.00</CurrencyAmount>
<TransactionId>d7086be1-964c-43ce-a197-261e5ed5b4ec</TransactionId>
<Rrn>622535814528</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<CurrencyCode>949</CurrencyCode>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<HostDate>20260813104120</HostDate>
<ResultCode>0000</ResultCode>
<CustomItems>
<Item name="CardHolderName" value="AS* BÜ*"/>
</CustomItems>
</VposResponse>
```

8. ÖN PROVİZYON İŞLEMLERİ

8.3 Alt Bayi Ön Provizyon Kapama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest>
<MerchantId>000000000011445</MerchantId>
<Password>Ab123456</Password>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<TerminalNo>VP000371</TerminalNo>
<MerchantType>2</MerchantType>
<ReferenceTransactionId>91d82dc4-8d80-403e-a534-14cfccc63612</ReferenceTransactionId>
<TransactionType>Capture</TransactionType>
<CurrencyAmount>2.30</CurrencyAmount>
<CurrencyCode>949</CurrencyCode>
<ClientIp>1.1.1.1</ClientIp>
<TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest>
<MerchantId>000000000011445</MerchantId>
<Password>Ab123456</Password>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<TerminalNo>VP000371</TerminalNo>
<MerchantType>2</MerchantType>
<ReferenceTransactionId>91d82dc4-8d80-403e-a534-14cfccc63612</ReferenceTransactionId>
<TransactionType>Capture</TransactionType>
<CurrencyAmount>2.30</CurrencyAmount>
<CurrencyCode>949</CurrencyCode>
<ClientIp>1.1.1.1</ClientIp>
<TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Capture</TransactionType>
<AuthCode>181615</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>2.30</TLAmount>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<CurrencyAmount>2.30</CurrencyAmount>
<TransactionId>dffc9533-1af9-4bf1-88d4-0fee44b83afc</TransactionId>
<Rrn>622536814541</Rrn>
<CurrencyCode>949</CurrencyCode>
<ReferenceTransactionId>91d82dc4-8d80-403e-a534-14cfccc63612</ReferenceTransactionId>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813110948</HostDate>
</VposResponse>
```

8. ÖN PROVİZYON İŞLEMLERİ

8.4 Ana Bayi Ön Provizyon Kapama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest>
<MerchantId>000000000011445</MerchantId>
<Password>Ab123456</Password>
<TerminalNo>VP000265</TerminalNo>
<MerchantType>1</MerchantType>
<ReferenceTransactionId>f7931b36-b60f-4a71-9780-674aebb5c99e</ReferenceTransactionId>
<TransactionType>Capture</TransactionType>
<CurrencyAmount>2.30</CurrencyAmount>
<CurrencyCode>949</CurrencyCode>
<ClientIp>1.1.1.1</ClientIp>
<TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest>
<MerchantId>000000000011445</MerchantId>
<Password>Ab123456</Password>
<TerminalNo>VP000265</TerminalNo>
<MerchantType>1</MerchantType>
<ReferenceTransactionId>f7931b36-b60f-4a71-9780-674aebb5c99e</ReferenceTransactionId>
<TransactionType>Capture</TransactionType>
<CurrencyAmount>2.30</CurrencyAmount>
<CurrencyCode>949</CurrencyCode>
<ClientIp>1.1.1.1</ClientIp>
<TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Capture</TransactionType>
<AuthCode>322379</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>2.30</TLAmount>
<CurrencyAmount>2.30</CurrencyAmount>
<TransactionId>f8957058-1198-45ef-8ba5-603bdf2fcaf1</TransactionId>
<Rrn>622536814562</Rrn>
<CurrencyCode>949</CurrencyCode>
<ReferenceTransactionId>f7931b36-b60f-4a71-9780-674aebb5c99e</ReferenceTransactionId>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813115004</HostDate>
</VposResponse>
```

İPUCU: Ön provizyon işlemlerinde 3D Secure ile ödeme alınabilir. Doğrulama tamamlandıktan sonra PaRes dönüşündeki ECI, CAVV ve MpiTransactionId parametreleri ön provizyon isteğine eklenerek işlem 3D Secure olarak tamamlanabilir.

9. PUAN İŞLEMLERİ

9.1 Alt Bayi Puan Sorgulama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><HostSubMerchantId>000100000012805</HostSubMerchantId><Merc
hantType>2</MerchantType><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><TransactionType>PointSea
rch</TransactionType><PointAmount>1.10</PointAmount><PointCode>949</PointCode><Pan>4938410157705591</Pan><Expiry
>202912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><HostSubMerchantId>000100000012805</HostSubMerchant
Id><MerchantType>2</MerchantType><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><TransactionType>
PointSearch</TransactionType><PointAmount>1.10</PointAmount><PointCode>949</PointCode><Pan>4938410157705591</Pan
><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRe
quest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>PointSearch</TransactionType>
<AuthCode>000000</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<TransactionId>c232e789-6711-4364-bdaf-966e792f9815</TransactionId>
<Rrn>622536814571</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<TotalPoint>519106.92</TotalPoint>
<ResultCode>0000</ResultCode>
<HostDate>20260813115813</HostDate>
</VposResponse>
```

9. PUAN İŞLEMLERİ

9.2 Ana Bayi Puan Sorgulama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><MerchantType>1</MerchantType><TerminalNo>VP000265</Termina
lNo><Password>Ab123456</Password><TransactionType>PointSearch</TransactionType><PointAmount>1.10</PointAmount><P
ointCode>949</PointCode><Pan>4938410157705591</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><Transacti
onDeviceSource>0</TransactionDeviceSource></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><MerchantType>1</MerchantType><TerminalNo>VP000265<
/TerminalNo><Password>Ab123456</Password><TransactionType>PointSearch</TransactionType><PointAmount>1.10</PointA
mount><PointCode>949</PointCode><Pan>4938410157705591</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><T
ransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>PointSearch</TransactionType>
<AuthCode>000000</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TransactionId>0be7bbd6-651c-47c1-8a83-0955c99ce61d</TransactionId>
<Rrn>622536814572</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<TotalPoint>519106.92</TotalPoint>
<ResultCode>0000</ResultCode>
<HostDate>20260813115934</HostDate>
</VposResponse>
```

9. PUAN İŞLEMLERİ

9.3 Alt Bayi Puan Harcama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><HostSubMerchantId>000100000012805</HostSubMerchantId><Merc
hantType>2</MerchantType><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><TransactionType>PointSal
e</TransactionType><PointAmount>1.10</PointAmount><PointCode>949</PointCode><Pan>4938410157705591</Pan><Expiry>2
02912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><HostSubMerchantId>000100000012805</HostSubMerchant
Id><MerchantType>2</MerchantType><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><TransactionType>
PointSale</TransactionType><PointAmount>1.10</PointAmount><PointCode>949</PointCode><Pan>4938410157705591</Pan><
Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequ
est>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>PointSale</TransactionType>
<AuthCode>912496</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>1.10</TLAmount>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<TransactionId>212dece9-8d34-4a0f-a561-d7f563d0b257</TransactionId>
<Rrn>622537814573</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<PointAmount>1.10</PointAmount>
<TotalPoint>519105.82</TotalPoint>
<ResultCode>0000</ResultCode>
<HostDate>20260813120103</HostDate>
</VposResponse>
```

9. PUAN İŞLEMLERİ

9.4 Ana Bayi Puan Harcama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><MerchantType>1</MerchantType><TerminalNo>VP000265</Termina
lNo><Password>Ab123456</Password><TransactionType>PointSale</TransactionType><PointAmount>1.10</PointAmount><Poi
ntCode>949</PointCode><Pan>4938410157705591</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><Transaction
DeviceSource>0</TransactionDeviceSource></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><MerchantType>1</MerchantType><TerminalNo>VP000265<
/TerminalNo><Password>Ab123456</Password><TransactionType>PointSale</TransactionType><PointAmount>1.10</PointAmo
unt><PointCode>949</PointCode><Pan>4938410157705591</Pan><Expiry>202912</Expiry><ClientIp>1.1.1.1</ClientIp><Tra
nsactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>PointSale</TransactionType>
<AuthCode>116935</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>1.10</TLAmount>
<TransactionId>e99cfee9-dda3-4a56-a058-1fd8ee49460b</TransactionId>
<Rrn>622537814574</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<PointAmount>1.10</PointAmount>
<TotalPoint>519104.72</TotalPoint>
<ResultCode>0000</ResultCode>
<HostDate>20260813120300</HostDate>
</VposResponse>
```

10. İPTAL VE İADE İŞLEMLERİ

10.1 Alt Bayi İptal

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password>
<HostSubMerchantId>000100000012805</HostSubMerchantId><TransactionType>Cancel</TransactionType><MerchantType>2</
MerchantType><ReferenceTransactionId>a28ee48d-8328-42eb-9b19-71737fb9f86c</ReferenceTransactionId><ClientIp>1.1.
1.1</ClientIp></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password>
<HostSubMerchantId>000100000012805</HostSubMerchantId><TransactionType>Cancel</TransactionType><MerchantType>2</
MerchantType><ReferenceTransactionId>a28ee48d-8328-42eb-9b19-71737fb9f86c</ReferenceTransactionId><ClientIp>1.1.
1.1</ClientIp></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Cancel</TransactionType>
<AuthCode>857267</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>1.30</TLAmount>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<CurrencyAmount>1.30</CurrencyAmount>
<TransactionId>b5045e25-60bc-4954-9505-c855eb438b6b</TransactionId>
<Rrn>622537814579</Rrn>
<CurrencyCode>949</CurrencyCode>
<ReferenceTransactionId>a28ee48d-8328-42eb-9b19-71737fb9f86c</ReferenceTransactionId>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813120549</HostDate>
</VposResponse>
```

10. İPTAL VE İADE İŞLEMLERİ

10.2 Ana Bayi İptal

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000265</Terminal
No><TransactionType>Cancel</TransactionType><MerchantType>1</MerchantType><ReferenceTransactionId>df35de1f-30c4-
406d-b831-0cc34a88e274</ReferenceTransactionId><ClientIp>1.1.1.1</ClientIp></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000265</
TerminalNo><TransactionType>Cancel</TransactionType><MerchantType>1</MerchantType><ReferenceTransactionId>df35de
1f-30c4-406d-b831-0cc34a88e274</ReferenceTransactionId><ClientIp>1.1.1.1</ClientIp></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Cancel</TransactionType>
<AuthCode>135838</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>1.37</TLAmount>
<CurrencyAmount>1.37</CurrencyAmount>
<TransactionId>367a4c37-0c30-4690-90ba-6dfc6534b8ab</TransactionId>
<Rrn>622537814583</Rrn>
<CurrencyCode>949</CurrencyCode>
<ReferenceTransactionId>df35de1f-30c4-406d-b831-0cc34a88e274</ReferenceTransactionId>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813120812</HostDate>
</VposResponse>
```

10. İPTAL VE İADE İŞLEMLERİ

10.3 Alt Bayi İade

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Passwo
rd><CurrencyAmount>1.3</CurrencyAmount><HostSubMerchantId>000100000012805</HostSubMerchantId><MerchantType>2</Me
rchantType><TransactionType>Refund</TransactionType><ReferenceTransactionId>eca3f5c1-6357-42bc-a7ca-d11c0a9a6254
</ReferenceTransactionId><ClientIp>1.1.1.1</ClientIp></VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000371</TerminalNo><Password>Ab123456
</Password><CurrencyAmount>1.3</CurrencyAmount><HostSubMerchantId>000100000012805</HostSubMerchantId><MerchantTy
pe>2</MerchantType><TransactionType>Refund</TransactionType><ReferenceTransactionId>eca3f5c1-6357-42bc-a7ca-d11c
0a9a6254</ReferenceTransactionId><ClientIp>1.1.1.1</ClientIp></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Refund</TransactionType>
<AuthCode>929940</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>1.30</TLAmount>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<CurrencyAmount>1.30</CurrencyAmount>
<TransactionId>75906366-fba9-4c58-b9fb-63ec5676acac</TransactionId>
<Rrn>622537814596</Rrn>
<CurrencyCode>949</CurrencyCode>
<ReferenceTransactionId>eca3f5c1-6357-42bc-a7ca-d11c0a9a6254</ReferenceTransactionId>
<TerminalNo>VP000371</TerminalNo>
<ResultCode>0000</ResultCode>
<HostDate>20260813121635</HostDate>
</VposResponse>
```

10. İPTAL VE İADE İŞLEMLERİ

10.4 Ana Bayi İade

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

XML İstek

```
<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000265</TerminalNo><Password>Ab123456</Passwo
rd><CurrencyAmount>1.3</CurrencyAmount><MerchantType>1</MerchantType><TransactionType>Refund</TransactionType><R
eferenceTransactionId>9a6f472c-2e60-404e-943b-1f4905106670</ReferenceTransactionId><ClientIp>1.1.1.1</ClientIp><
/VposRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
--header 'content-type: application/xml' \
--data '<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000265</TerminalNo><Password>Ab123456
</Password><CurrencyAmount>1.3</CurrencyAmount><MerchantType>1</MerchantType><TransactionType>Refund</Transactio
nType><ReferenceTransactionId>9a6f472c-2e60-404e-943b-1f4905106670</ReferenceTransactionId><ClientIp>1.1.1.1</Cl
ientIp></VposRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>Refund</TransactionType>
<AuthCode>031380</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>1.30</TLAmount>
<CurrencyAmount>1.30</CurrencyAmount>
<TransactionId>75f796dc-6dbb-4259-b9bf-ccbb9590aea3</TransactionId>
<Rrn>622537814599</Rrn>
<CurrencyCode>949</CurrencyCode>
<ReferenceTransactionId>9a6f472c-2e60-404e-943b-1f4905106670</ReferenceTransactionId>
<TerminalNo>VP000265</TerminalNo>
<ResultCode>0000</ResultCode>
<HostDate>20260813121833</HostDate>
</VposResponse>
```

11. SEARCH İŞLEMLERİ

11.1 Tarihsiz Alt Bayi Sorgulama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search
```

XML İstek

```
<SearchRequest><MerchantCriteria><HostMerchantId>000100000012805</HostMerchantId><MerchantPassword>Ab123456</Mer
chantPassword></MerchantCriteria><TransactionCriteria><TransactionId>15100000001398324842</TransactionId></Trans
actionCriteria></SearchRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search \
--header 'content-type: application/xml' \
--data '<SearchRequest><MerchantCriteria><HostMerchantId>000100000012805</HostMerchantId><MerchantPassword>Ab123
456</MerchantPassword></MerchantCriteria><TransactionCriteria><TransactionId>15100000001398324842</TransactionId
></TransactionCriteria></SearchRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<SearchResponse>
<ResponseInfo>
<Status>Success</Status>
<ResponseDateTime>2026-08-13T12:24:20.3869541+03:00</ResponseDateTime>
<ResponseCode>0000</ResponseCode>
<IsIdempotent>false</IsIdempotent>
<ResponseMessage>İŞLEM BAŞARILI</ResponseMessage>
</ResponseInfo>
<PagedResponseInfo>
<PageSize>1</PageSize>
<TotalItemCount>1</TotalItemCount>
<PageIndex>1</PageIndex>
</PagedResponseInfo>
<TransactionSearchResultInfo>
<TransactionSearchResultInfo>
<PaymentTransactionId>10000529111</PaymentTransactionId>
<HostResultCode>000</HostResultCode>
<RequestInsertTime>2026-07-08T17:52:53</RequestInsertTime>
<TransactionType>Sale</TransactionType>
<AuthCode>696925</AuthCode>
<Amount>1.00</Amount>
<IsReversed>false</IsReversed>
<MerchantId>000100000012805</MerchantId>
<ResponseMessage>Basarili</ResponseMessage>
<TransactionId>151000000001398324842</TransactionId>
<Rrn>618942934204</Rrn>
<CustomItems>
<CustomItem>
<Value>TE* TS*</Value>
<Name>CardHolderName</Name>
</CustomItem>
</CustomItems>
<IsCanceled>false</IsCanceled>
<IsBatchClosed>true</IsBatchClosed>
<TransactionThreedSecureType>NonSecure</TransactionThreedSecureType>
<ReferenceTransactionId>151000000001398324842</ReferenceTransactionId>
<IsRefunded>false</IsRefunded>
<AmountCode>949</AmountCode>
<IsCaptured>false</IsCaptured>
<TotalPoint>48473.06</TotalPoint>
<PanMasked>55210101****9928</PanMasked>
<ResultCode>0000</ResultCode>
<HostDate>20260708175253</HostDate>
</TransactionSearchResultInfo>
</TransactionSearchResultInfo>
</SearchResponse>
```

DİKKAT - ALT BAYİ SEARCH İSTEĞİ

HostMerchantId alanına Alt Bayi üye işyeri numarası yazılmalı; MerchantType parametresi ilave edilmeden istek gönderilmelidir.

11. SEARCH İŞLEMLERİ

11.2 Tarihsiz Ana Bayi Sorgulama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search
```

XML İstek

```
<SearchRequest><MerchantCriteria><HostMerchantId>000000000011445</HostMerchantId><MerchantType>1</MerchantType><
MerchantPassword>Ab123456</MerchantPassword></MerchantCriteria><TransactionCriteria><TransactionId>9a6f472c-2e60
-404e-943b-1f4905106670</TransactionId></TransactionCriteria></SearchRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search \
--header 'content-type: application/xml' \
--data '<SearchRequest><MerchantCriteria><HostMerchantId>000000000011445</HostMerchantId><MerchantType>1</Mercha
ntType><MerchantPassword>Ab123456</MerchantPassword></MerchantCriteria><TransactionCriteria><TransactionId>9a6f4
72c-2e60-404e-943b-1f4905106670</TransactionId></TransactionCriteria></SearchRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<SearchResponse>
<ResponseInfo>
<Status>Success</Status>
<ResponseDateTime>2026-08-13T13:35:55.0111227+03:00</ResponseDateTime>
<ResponseCode>0000</ResponseCode>
<IsIdempotent>false</IsIdempotent>
<ResponseMessage>İŞLEM BAŞARILI</ResponseMessage>
</ResponseInfo>
<PagedResponseInfo>
<PageSize>1</PageSize>
<TotalItemCount>1</TotalItemCount>
<PageIndex>1</PageIndex>
</PagedResponseInfo>
<TransactionSearchResultInfo>
<TransactionSearchResultInfo>
<PaymentTransactionId>10000713041</PaymentTransactionId>
<HostResultCode>000</HostResultCode>
<RequestInsertTime>2026-08-13T12:17:16</RequestInsertTime>
<TransactionType>Sale</TransactionType>
<TotalRefundAmount>1.30</TotalRefundAmount>
<MerchantId>000000000011445</MerchantId>
<Rrn>622537814597</Rrn>
<IsBatchClosed>false</IsBatchClosed>
<ReferenceTransactionId>9a6f472c-2e60-404e-943b-1f4905106670</ReferenceTransactionId>
<IsRefunded>true</IsRefunded>
<AmountCode>949</AmountCode>
<IsCaptured>false</IsCaptured>
<GainedPoint>0.02</GainedPoint>
<AuthCode>031380</AuthCode>
<Amount>1.37</Amount>
<IsReversed>false</IsReversed>
<ResponseMessage>Basarili</ResponseMessage>
<TransactionId>9a6f472c-2e60-404e-943b-1f4905106670</TransactionId>
<CustomItems>
<CustomItem>
<Value>AS* BÜ*</Value>
<Name>CardHolderName</Name>
</CustomItem>
</CustomItems>
<IsCanceled>false</IsCanceled>
<TransactionThreedSecureType>NonSecure</TransactionThreedSecureType>
<TotalPoint>519104.80</TotalPoint>
<PanMasked>49384101****5591</PanMasked>
<ResultCode>0000</ResultCode>
<HostDate>20260813121716</HostDate>
</TransactionSearchResultInfo>
</TransactionSearchResultInfo>
</SearchResponse>
```

11. SEARCH İŞLEMLERİ

11.3 Tarihli Alt Bayi Sorgulama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search
```

XML İstek

```
<SearchRequest><MerchantCriteria><HostMerchantId>000100000012805</HostMerchantId><MerchantPassword>Ab123456</Mer
chantPassword></MerchantCriteria><DateCriteria><StartDate>2026-08-10</StartDate><EndDate>2026-08-13</EndDate></D
ateCriteria><TransactionCriteria><TransactionId>151000000001398324842</TransactionId></TransactionCriteria></Sear
chRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search \
--header 'content-type: application/xml' \
--data '<SearchRequest><MerchantCriteria><HostMerchantId>000100000012805</HostMerchantId><MerchantPassword>Ab123
456</MerchantPassword></MerchantCriteria><DateCriteria><StartDate>2026-08-10</StartDate><EndDate>2026-08-13</End
Date></DateCriteria><TransactionCriteria><TransactionId>151000000001398324842</TransactionId></TransactionCriteri
a></SearchRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<SearchResponse>
<ResponseInfo>
<Status>Success</Status>
<ResponseDateTime>2026-08-13T13:38:22.0447468+03:00</ResponseDateTime>
<ResponseCode>0000</ResponseCode>
<IsIdempotent>false</IsIdempotent>
<ResponseMessage>İŞLEM BAŞARILI</ResponseMessage>
</ResponseInfo>
<PagedResponseInfo>
<PageSize>1</PageSize>
<TotalItemCount>1</TotalItemCount>
<PageIndex>1</PageIndex>
</PagedResponseInfo>
<TransactionSearchResultInfo>
<TransactionSearchResultInfo>
<PaymentTransactionId>10000529111</PaymentTransactionId>
<HostResultCode>000</HostResultCode>
<RequestInsertTime>2026-07-08T17:52:53</RequestInsertTime>
<TransactionType>Sale</TransactionType>
<AuthCode>696925</AuthCode>
<Amount>1.00</Amount>
<IsReversed>false</IsReversed>
<MerchantId>000100000012805</MerchantId>
<ResponseMessage>Basarili</ResponseMessage>
<TransactionId>151000000001398324842</TransactionId>
<Rrn>618942934204</Rrn>
<CustomItems>
<CustomItem>
<Value>TE* TS*</Value>
<Name>CardHolderName</Name>
</CustomItem>
</CustomItems>
<IsCanceled>false</IsCanceled>
<IsBatchClosed>true</IsBatchClosed>
<TransactionThreedSecureType>NonSecure</TransactionThreedSecureType>
<ReferenceTransactionId>151000000001398324842</ReferenceTransactionId>
<IsRefunded>false</IsRefunded>
<AmountCode>949</AmountCode>
<IsCaptured>false</IsCaptured>
<TotalPoint>48473.06</TotalPoint>
<PanMasked>55210101****9928</PanMasked>
<ResultCode>0000</ResultCode>
<HostDate>20260708175253</HostDate>
</TransactionSearchResultInfo>
</TransactionSearchResultInfo>
</SearchResponse>
```

DİKKAT - ALT BAYİ SEARCH İSTEĞİ

HostMerchantId alanına Alt Bayi üye işyeri numarası yazılmalı; MerchantType parametresi ilave edilmeden istek gönderilmelidir.

11. SEARCH İŞLEMLERİ

11.4 Tarihli Ana Bayi Sorgulama

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search
```

XML İstek

```
<SearchRequest><MerchantCriteria><HostMerchantId>000000000011445</HostMerchantId><MerchantType>1</MerchantType><
MerchantPassword>Ab123456</MerchantPassword></MerchantCriteria><DateCriteria><StartDate>2026-08-10</StartDate><E
ndDate>2026-08-13</EndDate></DateCriteria><TransactionCriteria><TransactionId>9a6f472c-2e60-404e-943b-1f49051066
70</TransactionId></TransactionCriteria></SearchRequest>
```

cURL İstek

```
curl --request POST \
--url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Search \
--header 'content-type: application/xml' \
--data '<SearchRequest><MerchantCriteria><HostMerchantId>000000000011445</HostMerchantId><MerchantType>1</Mercha
ntType><MerchantPassword>Ab123456</MerchantPassword></MerchantCriteria><DateCriteria><StartDate>2026-08-10</Star
tDate><EndDate>2026-08-13</EndDate></DateCriteria><TransactionCriteria><TransactionId>9a6f472c-2e60-404e-943b-1f
4905106670</TransactionId></TransactionCriteria></SearchRequest>'
```

XML Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<SearchResponse>
<ResponseInfo>
<Status>Success</Status>
<ResponseDateTime>2026-08-13T13:43:18.7907298+03:00</ResponseDateTime>
<ResponseCode>0000</ResponseCode>
<IsIdempotent>false</IsIdempotent>
<ResponseMessage>İŞLEM BAŞARILI</ResponseMessage>
</ResponseInfo>
<PagedResponseInfo>
<PageSize>1</PageSize>
<TotalItemCount>1</TotalItemCount>
<PageIndex>1</PageIndex>
</PagedResponseInfo>
<TransactionSearchResultInfo>
<TransactionSearchResultInfo>
<PaymentTransactionId>10000713041</PaymentTransactionId>
<HostResultCode>000</HostResultCode>
<RequestInsertTime>2026-08-13T12:17:16</RequestInsertTime>
<TransactionType>Sale</TransactionType>
<TotalRefundAmount>1.30</TotalRefundAmount>
<MerchantId>000000000011445</MerchantId>
<Rrn>622537814597</Rrn>
<IsBatchClosed>false</IsBatchClosed>
<ReferenceTransactionId>9a6f472c-2e60-404e-943b-1f4905106670</ReferenceTransactionId>
<IsRefunded>true</IsRefunded>
<AmountCode>949</AmountCode>
<IsCaptured>false</IsCaptured>
<GainedPoint>0.02</GainedPoint>
<AuthCode>031380</AuthCode>
<Amount>1.37</Amount>
<IsReversed>false</IsReversed>
<ResponseMessage>Basarili</ResponseMessage>
<TransactionId>9a6f472c-2e60-404e-943b-1f4905106670</TransactionId>
<CustomItems>
<CustomItem>
<Value>AS* BÜ*</Value>
<Name>CardHolderName</Name>
</CustomItem>
</CustomItems>
<IsCanceled>false</IsCanceled>
<TransactionThreedSecureType>NonSecure</TransactionThreedSecureType>
<TotalPoint>519104.80</TotalPoint>
<PanMasked>49384101****5591</PanMasked>
<ResultCode>0000</ResultCode>
<HostDate>20260813121716</HostDate>
</TransactionSearchResultInfo>
</TransactionSearchResultInfo>
</SearchResponse>
```

13. TARIM KART - SATIŞ İŞLEMLERİ

Tarım Kart işlemlerinde de 3DS metodu kullanılabilir. Doğrulama sonrasında provizyon aşamasında Pan, Expiry, CurrencyAmount ve CurrencyCode tag'leri gönderilmediğinde işlem bilgileri MpiTransactionId değeri üzerinden beslenerek işleme çıkılır.

13.1 Eşit Taksit

ALT BAYİ - XML İSTEK

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <TerminalNo>VP000371</TerminalNo>
  <Password>Ab123456</Password>
  <HostSubMerchantId>000100000012805</HostSubMerchantId>
  <MerchantType>2</MerchantType>
  <TransactionType>TKSale</TransactionType>
  <CurrencyAmount>6.01</CurrencyAmount>
  <CurrencyCode>949</CurrencyCode>
  <Pan>4592520119429218</Pan>
  <Expiry>202608</Expiry>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
  <CustomInstallments>
    <MaturityPeriod>2</MaturityPeriod>
    <Frequency>2</Frequency>
  </CustomInstallments>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><HostSubMerchantId>000100000012805</
HostSubMerchantId><MerchantType>2</MerchantType><TransactionType>TKSale</TransactionType><CurrencyAmount>6.01</CurrencyAmount><CurrencyCode>949</
CurrencyCode><Pan>4592520119429218</Pan><Expiry>202608</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</
TransactionDeviceSource><CustomInstallments><MaturityPeriod>2</MaturityPeriod><Frequency>2</Frequency></CustomInstallments></VposRequest>'
```

13. TARIM KART - EŞİT TAKSİT / ALT BAYİ CEVAP

13.1 Alt Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>TKSale</TransactionType>
<AuthCode>585797</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>6.01</TLAmount>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<CurrencyAmount>6.01</CurrencyAmount>
<TransactionId>70c86542-9eac-49c7-922d-b82d2ef4887a</TransactionId>
<Rrn>622542814719</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<CurrencyCode>949</CurrencyCode>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813173633</HostDate>
<InstallmentTable>
<InstallmentItem amount="6.01" date="13.10.2026"/>
</InstallmentTable>
</VposResponse>
```

13.1 Ana Bayi - XML İstek

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <TerminalNo>VP000265</TerminalNo>
  <Password>Ab123456</Password>
  <MerchantType>1</MerchantType>
  <TransactionType>TKSale</TransactionType>
  <CurrencyAmount>5.00</CurrencyAmount>
  <CurrencyCode>949</CurrencyCode>
  <Pan>4592520119429218</Pan>
  <Expiry>202608</Expiry>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
  <CustomInstallments>
    <MaturityPeriod>2</MaturityPeriod>
    <Frequency>2</Frequency>
  </CustomInstallments>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000265</TerminalNo><Password>Ab123456</Password><MerchantType>1</
MerchantType><TransactionType>TKSale</TransactionType><CurrencyAmount>5.00</CurrencyAmount><CurrencyCode>949</CurrencyCode><Pan>4592520119429218</Pan><Expiry>202608</
Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource><CustomInstallments><MaturityPeriod>2</MaturityPeriod><Frequency>2</Frequency></
CustomInstallments></VposRequest>'
```

13. TARIM KART - EŞİT TAKSİT / ANA BAYİ CEVAP

13.1 Ana Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>TKSale</TransactionType>
<AuthCode>371979</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TLAmount>5.00</TLAmount>
<CurrencyAmount>5.00</CurrencyAmount>
<TransactionId>dc26b5a9-e51d-4049-9192-4cfc3e12e96c</TransactionId>
<Rrn>622542814721</Rrn>
<ThreeDSecureType>1</ThreeDSecureType>
<CurrencyCode>949</CurrencyCode>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813173814</HostDate>
<InstallmentTable>
<InstallmentItem amount="5.00" date="13.10.2026"/>
</InstallmentTable>
</VposResponse>
```

PARAMETRE KULLANIMI

Alt Bayi işleminde TerminalNo Alt Bayi terminali, HostSubMerchantId Alt Bayi numarası ve MerchantType=2 olarak gönderilir. Ana Bayi işleminde TerminalNo Ana Bayi terminali ve MerchantType=1 kullanılır. Her iki senaryoda Password Ana Bayi şifresidir.

13. TARIM KART - ESNEK TAKSİT

13.2 Esnek Taksit - Alt Bayi

ALT BAYİ - XML İSTEK

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <TerminalNo>VP000371</TerminalNo>
  <Password>Ab123456</Password>
  <HostSubMerchantId>000100000012805</HostSubMerchantId>
  <MerchantType>2</MerchantType>
  <TransactionType>TKFlexSale</TransactionType>
  <TransactionId>test1918te</TransactionId>
  <CurrencyAmount>10.12</CurrencyAmount>
  <CurrencyCode>949</CurrencyCode>
  <Pan>4592520119429218</Pan>
  <Expiry>202608</Expiry>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
  <CustomInstallments>
    <CustomInstallment date="20260815" amount="5.10"/>
    <CustomInstallment date="20260820" amount="5.02"/>
  </CustomInstallments>
  <NumberOfInstallments>2</NumberOfInstallments>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000371</TerminalNo><Password>Ab123456</Password><HostSubMerchantId>000100000012805</
HostSubMerchantId><MerchantType>2</MerchantType><TransactionType>TKFlexSale</TransactionType><TransactionId>test1918te</TransactionId><CurrencyAmount>10.12</
CurrencyAmount><CurrencyCode>949</CurrencyCode><Pan>4592520119429218</Pan><Expiry>202608</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</
TransactionDeviceSource><CustomInstallments><CustomInstallment date="20260815" amount="5.10"/><CustomInstallment date="20260820" amount="5.02"/></
CustomInstallments><NumberOfInstallments>2</NumberOfInstallments></VposRequest>'
```

13. TARIM KART - ESNEK TAKSİT / ALT BAYİ CEVAP

13.2 Alt Bayi Cevap


```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<_items>
<DTOTkFlexSaleRes>
<TransactionType>TKFlexSale</TransactionType>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<BKPPoint>0.00</BKPPoint>
<IKPPoint>0.00</IKPPoint>
<MerchantId>000000000011445</MerchantId>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<NumberOfInstallments>2</NumberOfInstallments>
<Rrn>622542814722</Rrn>
<CurrencyCode>949</CurrencyCode>
<ThreeDSecureType>1</ThreeDSecureType>
<GainedPoint>0.00</GainedPoint>
<AuthCode>949184</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<TLAmount>10.12</TLAmount>
<CurrencyAmount>10.12</CurrencyAmount>
<TransactionId>test1918te</TransactionId>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<InstallmentTable>
<Amount>5.1</Amount>
<Date>15.08.2026</Date>
</InstallmentTable>
<InstallmentTable>
<Amount>5.02</Amount>
<Date>20.08.2026</Date>
</InstallmentTable>
<TotalPoint>0.00</TotalPoint>
<ResultCode>0000</ResultCode>
<HostDate>20260813174757</HostDate>
</DTOTkFlexSaleRes>
<Spike.VirtualPosOnline.Common.DataTransferObjects.DTOScreenRes>
<PaymentTransactionId>100007131B8</PaymentTransactionId>
</Spike.VirtualPosOnline.Common.DataTransferObjects.DTOScreenRes>
</_items>
<Extensions></Extensions>
<StatusCode>200</StatusCode>
<IsSuccessful>true</IsSuccessful>
</VposResponse>
```

13. TARIM KART - ESNEK TAKSİT / ANA BAYİ

13.2 Ana Bayi - XML İstek

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <TerminalNo>VP000265</TerminalNo>
  <Password>Ab123456</Password>
  <MerchantType>1</MerchantType>
  <TransactionType>TKFlexSale</TransactionType>
  <TransactionId>test1918asa</TransactionId>
  <CurrencyAmount>10.12</CurrencyAmount>
  <CurrencyCode>949</CurrencyCode>
  <Pan>4592520119429218</Pan>
  <Expiry>202608</Expiry>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
  <CustomInstallments>
    <CustomInstallment date="20260815" amount="5.10"/>
    <CustomInstallment date="20260820" amount="5.02"/>
  </CustomInstallments>
  <NumberOfInstallments>2</NumberOfInstallments>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><TerminalNo>VP000265</TerminalNo><Password>Ab123456</Password><MerchantType>1</
MerchantType><TransactionType>TKFlexSale</TransactionType><TransactionId>test1918asa</TransactionId><CurrencyAmount>10.12</CurrencyAmount><CurrencyCode>949</
CurrencyCode><Pan>4592520119429218</Pan><Expiry>202608</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</
TransactionDeviceSource><CustomInstallments><CustomInstallment date="20260815" amount="5.10"/><CustomInstallment date="20260820" amount="5.02"/></
CustomInstallments><NumberOfInstallments>2</NumberOfInstallments></VposRequest>'
```

Ana Bayi Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<_items>
<DTOTkFlexSaleRes>
<TransactionType>TKFlexSale</TransactionType>
<AuthCode>546742</AuthCode>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<BKPPoint>0.00</BKPPoint>
<IKPPoint>0.00</IKPPoint>
<TLAmount>10.12</TLAmount>
<MerchantId>000000000011445</MerchantId>
<NumberOfInstallments>2</NumberOfInstallments>
<CurrencyAmount>10.12</CurrencyAmount>
<TransactionId>test1918asa</TransactionId>
<Rrn>622542814725</Rrn>
<CurrencyCode>949</CurrencyCode>
<ThreeDSecureType>1</ThreeDSecureType>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<InstallmentTable>
<Amount>5.1</Amount>
<Date>15.08.2026</Date>
</InstallmentTable>
<InstallmentTable>
<Amount>5.02</Amount>
<Date>20.08.2026</Date>
</InstallmentTable>
<GainedPoint>0.00</GainedPoint>
<TotalPoint>0.00</TotalPoint>
<ResultCode>0000</ResultCode>
<HostDate>20260813175123</HostDate>
</DTOTkFlexSaleRes>
<Spike.VirtualPosOnline.Common.DataTransferObjects.DTOScreenRes>
<PaymentTransactionId>10000713191</PaymentTransactionId>
</Spike.VirtualPosOnline.Common.DataTransferObjects.DTOScreenRes>
</_items>
<Extensions></Extensions>
<StatusCode>200</StatusCode>
<IsSuccessful>true</IsSuccessful>
</VposResponse>
```

İPTAL / İADE

Tarım Kart işlemlerinde iptal ve iade için 10. İptal ve İade İşlemleri bölümündeki akışlardan yararlanılabilir.

13. TARIM KART - ÖDEME PLANI OLASILIKLARI

MaturityPeriod toplam vade süresini, Frequency ise ödeme sıklığını ay cinsinden ifade eder. Kullanılabilecek ödeme planı kombinasyonları aşağıdaki tabloda yer almaktadır.

BİLGİ
Taksit adedi, toplam vade süresinin ödeme sıklığına bölünmesiyle oluşur.
Örneğin MaturityPeriod=12 ve Frequency=3 gönderildiğinde ödeme 3 ayda bir, toplam 4 taksitte tamamlanır.

MaturityPeriod - Vade (Ay)	Frequency - Ödeme Sıklığı (Ay)	Açıklama
1	1	Ödeme işlemi 1 ayda 1 olacak şekilde 1 taksitte 1 ayın sonunda tamamlanacaktır.
2	1	Ödeme işlemi 1 ayda 1 olacak şekilde 2 taksitte 2 ayın sonunda tamamlanacaktır.
2	2	Ödeme işlemi 2 ayda 1 olacak şekilde 1 taksitte 2 ayın sonunda tamamlanacaktır.
3	1	Ödeme işlemi 1 ayda 1 olacak şekilde 3 taksitte 3 ayın sonunda tamamlanacaktır.
3	3	Ödeme işlemi 3 ayda 1 olacak şekilde 1 taksitte 3 ayın sonunda tamamlanacaktır.
4	1	Ödeme işlemi 1 ayda 1 olacak şekilde 4 taksitte 4 ayın sonunda tamamlanacaktır.
4	2	Ödeme işlemi 2 ayda 1 olacak şekilde 2 taksitte 4 ayın sonunda tamamlanacaktır.
4	4	Ödeme işlemi 4 ayda 1 olacak şekilde 1 taksitte 4 ayın sonunda tamamlanacaktır.
5	1	Ödeme işlemi 1 ayda 1 olacak şekilde 5 taksitte 5 ayın sonunda tamamlanacaktır.
5	5	Ödeme işlemi 5 ayda 1 olacak şekilde 1 taksitte 5 ayın sonunda tamamlanacaktır.
6	1	Ödeme işlemi 1 ayda 1 olacak şekilde 6 taksitte 6 ayın sonunda tamamlanacaktır.
6	2	Ödeme işlemi 2 ayda 1 olacak şekilde 3 taksitte 6 ayın sonunda tamamlanacaktır.
6	3	Ödeme işlemi 3 ayda 1 olacak şekilde 2 taksitte 6 ayın sonunda tamamlanacaktır.
6	6	Ödeme işlemi 6 ayda 1 olacak şekilde 1 taksitte 6 ayın sonunda tamamlanacaktır.
7	1	Ödeme işlemi 1 ayda 1 olacak şekilde 7 taksitte 7 ayın sonunda tamamlanacaktır.
7	7	Ödeme işlemi 7 ayda 1 olacak şekilde 1 taksitte 7 ayın sonunda tamamlanacaktır.
8	1	Ödeme işlemi 1 ayda 1 olacak şekilde 8 taksitte 8 ayın sonunda tamamlanacaktır.
8	2	Ödeme işlemi 2 ayda 1 olacak şekilde 4 taksitte 8 ayın sonunda tamamlanacaktır.
8	4	Ödeme işlemi 4 ayda 1 olacak şekilde 2 taksitte 8 ayın sonunda tamamlanacaktır.
8	8	Ödeme işlemi 8 ayda 1 olacak şekilde 1 taksitte 8 ayın sonunda tamamlanacaktır.
9	1	Ödeme işlemi 1 ayda 1 olacak şekilde 9 taksitte 9 ayın sonunda tamamlanacaktır.
9	3	Ödeme işlemi 3 ayda 1 olacak şekilde 3 taksitte 9 ayın sonunda tamamlanacaktır.
9	9	Ödeme işlemi 9 ayda 1 olacak şekilde 1 taksitte 9 ayın sonunda tamamlanacaktır.
10	1	Ödeme işlemi 1 ayda 1 olacak şekilde 10 taksitte 10 ayın sonunda tamamlanacaktır.
10	2	Ödeme işlemi 2 ayda 1 olacak şekilde 5 taksitte 10 ayın sonunda tamamlanacaktır.
10	5	Ödeme işlemi 5 ayda 1 olacak şekilde 2 taksitte 10 ayın sonunda tamamlanacaktır.
10	10	Ödeme işlemi 10 ayda 1 olacak şekilde 1 taksitte 10 ayın sonunda tamamlanacaktır.
11	1	Ödeme işlemi 1 ayda 1 olacak şekilde 11 taksitte 11 ayın sonunda tamamlanacaktır.
11	11	Ödeme işlemi 11 ayda 1 olacak şekilde 1 taksitte 11 ayın sonunda tamamlanacaktır.
12	1	Ödeme işlemi 1 ayda 1 olacak şekilde 12 taksitte 12 ayın sonunda tamamlanacaktır.
12	2	Ödeme işlemi 2 ayda 1 olacak şekilde 6 taksitte 12 ayın sonunda tamamlanacaktır.
12	3	Ödeme işlemi 3 ayda 1 olacak şekilde 4 taksitte 12 ayın sonunda tamamlanacaktır.
12	4	Ödeme işlemi 4 ayda 1 olacak şekilde 3 taksitte 12 ayın sonunda tamamlanacaktır.
12	6	Ödeme işlemi 6 ayda 1 olacak şekilde 2 taksitte 12 ayın sonunda tamamlanacaktır.
12	12	Ödeme işlemi 12 ayda 1 olacak şekilde 1 taksitte 12 ayın sonunda tamamlanacaktır.

14. TARIM KART - SORGULAMA İŞLEMLERİ

14.1 Limit Sorgulama - Alt Bayi

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

ALT BAYİ - XML İSTEK

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <Password>Ab123456</Password>
  <TerminalNo>VP000371</TerminalNo>
  <HostSubMerchantId>000100000012805</HostSubMerchantId>
  <MerchantType>2</MerchantType>
  <CurrencyCode>949</CurrencyCode>
  <TransactionType>TKLimitSearch</TransactionType>
  <Pan>4592520111219948</Pan>
  <Expiry>202608</Expiry>
  <OrderId>selam1945test2</OrderId>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000371</TerminalNo><HostSubMerchantId>000100000012805</
HostSubMerchantId><MerchantType>2</MerchantType><CurrencyCode>949</CurrencyCode><TransactionType>TKLimitSearch</TransactionType><Pan>4592520111219948</Pan><Expiry>202608</
Expiry><OrderId>selam1945test2</OrderId><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>TKLimitSearch</TransactionType>
<AuthCode/>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<TransactionId>bad0d374-fdad-40a6-bcf2-2ee5b7049fec</TransactionId>
<Rrn>622545814749</Rrn>
<TerminalNo>VP000371</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813201027</HostDate>
<LimitSearchResults>
<LimitSearchResult limit="87762.69" type="Genel Ana Bayi"/>
<LimitSearchResult limit="600000" type="Ozel Panko Birlik"/>
<LimitSearchResult limit="501495" type="KAYSERISEKER"/>
</LimitSearchResults>
</VposResponse>
```

14. TARIM KART - LİMİT SORGULAMA / ANA BAYİ

14.1 Ana Bayi

ANA BAYİ - XML İSTEK

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <Password>Ab123456</Password>
  <TerminalNo>VP000265</TerminalNo>
  <MerchantType>1</MerchantType>
  <CurrencyCode>949</CurrencyCode>
  <TransactionType>TKLimitSearch</TransactionType>
  <Pan>4592520111219948</Pan>
  <Expiry>202608</Expiry>
  <OrderId>selam1945test23</OrderId>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000265</TerminalNo><MerchantType>1</
MerchantType><CurrencyCode>949</CurrencyCode><TransactionType>TKLimitSearch</TransactionType><Pan>4592520111219948</Pan><Expiry>202608</Expiry><OrderId>selam1945test23</
OrderId><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<TransactionType>TKLimitSearch</TransactionType>
<AuthCode/>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<TransactionId>fa1ab019-907f-481d-89ca-37af2f91c66e</TransactionId>
<Rrn>622545814753</Rrn>
<TerminalNo>VP000265</TerminalNo>
<TransactionDeviceSource>0</TransactionDeviceSource>
<ResultCode>0000</ResultCode>
<HostDate>20260813201424</HostDate>
<LimitSearchResults>
<LimitSearchResult limit="87762.69" type="Genel Ana Bayi"/>
<LimitSearchResult limit="600000" type="Ozel Panko Birlik"/>
<LimitSearchResult limit="501495" type="KAYSERISEKER"/>
</LimitSearchResults>
</VposResponse>
```

14. TARIM KART - PLAN SORGULAMA

14.2 Plan Sorgulama - Alt Bayi

Endpoint

```
https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq
```

ALT BAYİ - XML İSTEK

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <Password>Ab123456</Password>
  <TerminalNo>VP000371</TerminalNo>
  <HostSubMerchantId>000100000012805</HostSubMerchantId>
  <MerchantType>2</MerchantType>
  <TransactionType>TKPlanSearch</TransactionType>
  <TransactionId>Test891</TransactionId>
  <Pan>4592520111219948</Pan>
  <Expiry>202808</Expiry>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000371</TerminalNo><HostSubMerchantId>000100000012805</
HostSubMerchantId><MerchantType>2</MerchantType><TransactionType>TKPlanSearch</TransactionType><TransactionId>Test891</TransactionId><Pan>4592520111219948</
Pan><Expiry>202808</Expiry><ClientIp>1.1.1.1</ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<ThreeDSecureType>1</ThreeDSecureType>
<TransactionType>TKPlanSearch</TransactionType>
<TerminalNo>VP000371</TerminalNo>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>2</MerchantType>
<TransactionDeviceSource>0</TransactionDeviceSource>
<BatchNo>599</BatchNo>
<MerchantId>000000000011445</MerchantId>
<HostSubMerchantId>000100000012805</HostSubMerchantId>
<ResultCode>0000</ResultCode>
<TransactionId>Test891</TransactionId>
<PlanSearchResults>
<PlanSearchResult frequency="2" maturityPeriod="4"/>
<PlanSearchResult frequency="4" maturityPeriod="8"/>
<PlanSearchResult frequency="2" maturityPeriod="2"/>
<PlanSearchResult frequency="2" maturityPeriod="12"/>
<PlanSearchResult frequency="3" maturityPeriod="6"/>
<PlanSearchResult frequency="1" maturityPeriod="1"/>
<PlanSearchResult frequency="3" maturityPeriod="3"/>
<PlanSearchResult frequency="4" maturityPeriod="4"/>
<PlanSearchResult frequency="5" maturityPeriod="5"/>
<PlanSearchResult frequency="6" maturityPeriod="6"/>
</PlanSearchResults>
</VposResponse>
```

14. TARIM KART - PLAN SORGULAMA / ANA BAYİ

14.2 Ana Bayi

ANA BAYİ - XML İSTEK

```
<?xml version="1.0" ?>
<VposRequest>
  <MerchantId>000000000011445</MerchantId>
  <Password>Ab123456</Password>
  <TerminalNo>VP000265</TerminalNo>
  <MerchantType>1</MerchantType>
  <TransactionType>TKPlanSearch</TransactionType>
  <TransactionId>Test8912</TransactionId>
  <Pan>4592520111219948</Pan>
  <Expiry>202808</Expiry>
  <ClientIp>1.1.1.1</ClientIp>
  <TransactionDeviceSource>0</TransactionDeviceSource>
</VposRequest>
```

cURL İstek

```
curl --request POST \
  --url https://inbound.apigatewaytest.vakifbank.com.tr:8443/virtualPos/Vposreq \
  --header 'content-type: application/xml' \
  --data '<VposRequest><MerchantId>000000000011445</MerchantId><Password>Ab123456</Password><TerminalNo>VP000265</TerminalNo><MerchantType>1</
MerchantType><TransactionType>TKPlanSearch</TransactionType><TransactionId>Test8912</TransactionId><Pan>4592520111219948</Pan><Expiry>202808</Expiry><ClientIp>1.1.1.1</
ClientIp><TransactionDeviceSource>0</TransactionDeviceSource></VposRequest>'
```

Cevap

```
<?xml version="1.0" encoding="UTF-8"?>
<VposResponse>
<ThreeDSecureType>1</ThreeDSecureType>
<TransactionType>TKPlanSearch</TransactionType>
<TerminalNo>VP000265</TerminalNo>
<ResultDetail>İŞLEM BAŞARILI</ResultDetail>
<MerchantType>1</MerchantType>
<TransactionDeviceSource>0</TransactionDeviceSource>
<BatchNo>9</BatchNo>
<MerchantId>000000000011445</MerchantId>
<ResultCode>0000</ResultCode>
<TransactionId>Test8912</TransactionId>
<PlanSearchResults>
<PlanSearchResult frequency="2" maturityPeriod="2"/>
<PlanSearchResult frequency="2" maturityPeriod="4"/>
<PlanSearchResult frequency="3" maturityPeriod="3"/>
<PlanSearchResult frequency="1" maturityPeriod="1"/>
<PlanSearchResult frequency="5" maturityPeriod="5"/>
<PlanSearchResult frequency="6" maturityPeriod="6"/>
</PlanSearchResults>
</VposResponse>
```

15. HASH HESAPLAMA VE RESPONSE DOĞRULAMA

Doğrulama aşaması sonrasında Banka tarafından iletilen response'un bütünlüğünü kontrol etmek amacıyla hash hesaplanabilir. Aşağıdaki parametreler belirtilen sırada ve araya ayraç eklenmeden birleştirilmelidir.

Sıra	Parametre	Hazırlama Kuralı
1	VerifyEnrollmentRequestId	Response değerindeki biçimiyle kullanılır.
2	MerchantId	Üye işyeri numarası.
3	PurchCurrency	Para birimi kodu.
4	PurchAmount	Nokta kaldırılır; kuruş dahil tam sayı olarak kullanılır. Örnek: 1.09 -> 109.
5	Eci	0 dahil iki karakter olarak hazırlanır.
6	Cavv	Response değerindeki biçimiyle kullanılır.
7	MdStatus	Response değerindeki biçimiyle kullanılır.
8	Status	Response değerindeki biçimiyle kullanılır.
9	MerchantPassword	En son eklenir; kesinlikle loglanmamalıdır.

15.1 Birleştirme Sırası (Pareq Dönüş Değerleri)

```
VerifyEnrollmentRequestId + MerchantId + PurchCurrency + PurchAmount + Eci + Cavv + MdStatus + Status + MerchantPassword
```

15.2 Hesaplama Adımları

1. Parametreleri yukarıdaki sırayla birleştirin.
2. Birleşik metni ISO-8859-9 karakter setine göre byte dizisine dönüştürün.
3. Byte dizisinin SHA-256 özetini hesaplayın.
4. SHA-256 sonucunu Base64 string değerine dönüştürün.
5. Hesaplanan değer ile response'ta iletilen hash değerini sabit zamanlı karşılaştırma yöntemiyle karşılaştırın.

DİKKAT - ANA BAYİ / ALT BAYİ
Ana Bayi - Alt Bayi ile işlem gönderirken MerchantId alanında Alt Bayi üye işyeri numarası, MerchantPassword / Password alanında ise Ana Bayi şifresi kullanılmalıdır.

DİKKAT - HASH HAZIRLAMA
Parametre sırası, karakter kodlaması, Amount dönüşümü ve ECI uzunluğu birebir aynı olmalıdır. Küçük bir biçim farkı dahi farklı hash üretilmesine neden olur.

15. HASH KOD ÖRNEKLERİ

15.3 C#

```
private string Hash(string value)
{
    using var sha = System.Security.Cryptography.SHA256.Create();
    byte[] input = System.Text.Encoding.GetEncoding("ISO-8859-9").GetBytes(value);
    byte[] digest = sha.ComputeHash(input);
    return Convert.ToBase64String(digest);
}
```

15.4 PHP

```
function hashValue($value) {
    $bytes = mb_convert_encoding($value, "ISO-8859-9", "UTF-8");
    $digest = hash("sha256", $bytes, true);
    return base64_encode($digest);
}
```

15.5 Python

```
import base64
import hashlib

def hash_value(value: str) -> str:
    input_bytes = value.encode("ISO-8859-9")
    digest = hashlib.sha256(input_bytes).digest()
    return base64.b64encode(digest).decode("utf-8")
```

15.6 Java

```
import java.nio.charset.Charset;
import java.security.MessageDigest;
import java.util.Base64;

public static String hashValue(String value) throws Exception {
    byte[] input = value.getBytes(Charset.forName("ISO-8859-9"));
    byte[] digest = MessageDigest.getInstance("SHA-256").digest(input);
    return Base64.getEncoder().encodeToString(digest);
}
```

ÖNERİLEN UYGULAMA

Hash karşılaştırmasında mümkünse kullandığınız platformun sabit zamanlı karşılaştırma fonksiyonunu kullanın. Bu yaklaşım zamanlama yan kanal riskini azaltır.