EUROVASMWSERVICE SPECIFICATION

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Objective

The objective of this document is to list the specifications for EuroVasMWService which interacts with EuroVas System to provide the following functionalities:

1. Mobile Top Up Request

2. Transaction Status Inquiry

Mobile Top Up Request

This service provides the feature for Mobile Top Up:

Operation Name : MobileTopUpRequest

REQUEST

HEADER

Field	Length	M/O	Description
UniqueId	9	M	Unique Alphanumeric ID (without special characters) from the source system
ServiceRequestId	30	M	Hardcoded Value – MW.HKN
ServiceRequestVersion	3	M	Hardcoded Value – 1.0
ChannelId	3	M	Hardcoded Value – HKN

BODY

Field	Length	M/O	Description
MerchantReferenceNumber	15	M	Unique Reference Number per request.
ConsumerNumber	10	M	Mobile Number for which Top Up Request has to be made.
Amt	19	M	Top Up Amount in Rupees
CustomerIdentifier	9	M	Customer Id/ CIF ID of the customer raising top up request.
TCFlag	1	M	Terms & Condition Flag. Accept -1 , Decline - 0
SPCode	5	M	Service Provider Identification code to which MNP customer belongs to currently. Refer section Service Provider Codes for the complete list
SSPCode	5	M	This field should be populated for Service Codes "SS", "DR", "CD" and "VS" i.e. ESCAN, DTH, ONE & VAS Products.

			Needs to send blank value for Service Code "MR".
Filler1	NA	O	Recharge Type In case of BSNL For Talk Time – **TOPUP** For Validity – **RECHARGE** In case of TATA DOCOMO, VIDEOCON & UNINOR For FLEXI Plans – **FLEXI** For Special Plans – **SPECIAL** For Other operators... **DEFAULT**
Filler2	NA	O	This is the extra field reserved for future use. Needs to send blank value, if not using.
Filler3	NA	O	This is the extra field reserved for future use. Needs to send blank value, if not using.
Filler4	NA	O	This is the extra field reserved for future use. Needs to send blank value, if not using.
Filler5	NA	O	This is the extra field reserved for future use. Needs to send blank value, if not using.

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org">
  <soapenv:Header>
    <tem:subHeader>
      <tem:UniqueId>MTU000001</tem:UniqueId>
      <tem:ServiceRequestId>MW.HKN</tem:ServiceRequestId>
      <tem:ServiceRequestVersion>1.0</tem:ServiceRequestVersion>
      <tem:ChannelId>HKN</tem:ChannelId>
    </tem:subHeader>
  </soapenv:Header>
  <soapenv:Body>
   <tem:MobileTopUpRequest>
      <tem:MerchantReferenceNumber>9AXK1234ff99</tem:MerchantReferenceNumber>
      <tem:ConsumerNumber>MOB0002</tem:ConsumerNumber>
      <tem:Amt>1</tem:Amt>
      <tem:CustomerIdentifier>CUST01003</tem:CustomerIdentifier>
      <tem:TCFlag>1</tem:TCFlag>
      <tem:SPCode>vod</tem:SPCode>
      <tem:SSPCode></tem:SSPCode>
      <!--Optional:-->
      <tem:Filler1></tem:Filler1>
      <!--Optional:-->
      <tem:Filler2></tem:Filler2>
      <!--Optional:-->
      <tem:Filler3></tem:Filler3>
```

```
        <!--Optional:-->
        <tem:Filler4></tem:Filler4>
        <!--Optional:-->
        <tem:Filler5></tem:Filler5>
     </tem:MobileTopUpRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

RESPONSE

HEADER

Field	Length	M/O	Description
UniqueId	9	M	Unique Alphanumeric ID (without special characters) from the source system
ServiceRequestId	30	M	Hardcoded Value – MW.HKN
ServiceRequestVersion	3	M	Hardcoded Value – 1.0
ChannelId	3	M	Hardcoded Value – HKN

BODY

Field	Length	M/O	Description
MerchantReferenceNumber	15	M	Unique Reference Number per request.This number is used for transaction status enquiry.
TrxnReferenceNumber	NA	M	Transaction Reference Number generated for the transaction request by EuroVas. This number is used for transaction status enquiry.
ErrorCode	3	M	Response code for the transaction request. Refer section Response Codes for the complete list.
OperatorRefNumber	NA	M	Operator Reference Number.
ErrorDescription	NA	M	Response description for the transaction request. Refer section Response Codes for the complete list.
RspAction	NA	M	Response Action

Sample

```
<NS1:Envelope xmlns:NS1="http://schemas.xmlsoap.org/soap/envelope/">
   <NS1:Header>
      <NS2:subHeader xmlns:NS2="http://tempuri.org">
         <NS2:UniqueId>MTU000001</NS2:UniqueId>
         <NS2:ServiceRequestId>MW.HKN</NS2:ServiceRequestId>
         <NS2:ServiceRequestVersion>1.0</NS2:ServiceRequestVersion>
         <NS2:ChannelId>HKN</NS2:ChannelId>
      </NS2:subHeader>
   </NS1:Header>
   <NS1:Body>
```

```
        <NS3:MobileTopUpResponse xmlns:NS3="http://tempuri.org">

<NS3:MerchantReferenceNumber>9AXK1234ff99</NS3:MerchantReferenceNumber>

<NS3:TrxnReferenceNumber>150520154246F6A88A1B</NS3:TrxnReferenceNumber>
        <NS3:ErrorCode>00</NS3:ErrorCode>
        <NS3:OperatorRefNumber>PT0000000000</NS3:OperatorRefNumber>
        <NS3:ErrorDescription>Transaction
Successful</NS3:ErrorDescription>
        <NS3:RspAction>Transaction Successful</NS3:RspAction>
     </NS3:MobileTopUpResponse>
   </NS1:Body>
</NS1:Envelope>
```

Transaction Status Inquiry

This service fetches the transaction status from EuroVas for the provided merchant reference number and the transaction reference number:

Operation Name : TransactionStatusRequest

REQUEST

HEADER

Field	Length	M/O	Description
UniqueId	9	M	Unique Alphanumeric ID (without special characters) from the source system
ServiceRequestId	30	M	Hardcoded Value – MW.HKN
ServiceRequestVersion	3	M	Hardcoded Value – 1.0
ChannelId	3	M	Hardcoded Value – HKN

BODY

Field	Length	M/O	Description
MerchantReferenceNumber	15	M	Unique Reference Number of the initiated transaction request to EuroVas.
TrxnReferenceNumber	NA	M	Transaction Reference Number generated for the intiated transaction request by EuroVas.

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org">
  <soapenv:Header>
    <tem:subHeader>
      <tem:UniqueId>TS0000001</tem:UniqueId>
      <tem:ServiceRequestId>MW.HKN</tem:ServiceRequestId>
```

```
        <tem:ServiceRequestVersion>1.0</tem:ServiceRequestVersion>
        <tem:ChannelId>HKN</tem:ChannelId>
      </tem:subHeader>
   </soapenv:Header>
   <soapenv:Body>
      <tem:TransactionStatusRequest>
        <tem:MerchantReferenceNumber>9AXK1234ff99</tem:MerchantReferenceNumber>
        <tem:TrxnReferenceNumber>150520154246F6A88A1B</tem:TrxnReferenceNumber>
      </tem:TransactionStatusRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

RESPONSE

HEADER

Field	Length	M/O	Description
UniqueId	9	M	Unique Alphanumeric ID (without special characters) from the source system
ServiceRequestId	30	M	Hardcoded Value – MW.HKN
ServiceRequestVersion	3	M	Hardcoded Value – 1.0
ChannelId	3	M	Hardcoded Value – HKN

BODY

Field	Length	M/O	Description
MerchantReferenceNumber	15	M	Unique Reference Number per request.
TrxnReferenceNumber	NA	M	Transaction Reference Number generated for the transaction request by EuroVas.
ErrorCode	3	M	Response code for the transaction request. Refer section Response Codes for the complete list.
OperatorRefNumber	NA	M	Operator Reference Number.
ErrorDescription	NA	M	Response description for the transaction request. Refer section Response Codes for the complete list.
RspAction	NA	M	Response Action

Sample

```
<NS1:Envelope xmlns:NS1="http://schemas.xmlsoap.org/soap/envelope/">
  <NS1:Header>
    <NS2:subHeader xmlns:NS2="http://tempuri.org">
      <NS2:UniqueId>TS0000001</NS2:UniqueId>
      <NS2:ServiceRequestId>MW.HKN</NS2:ServiceRequestId>
      <NS2:ServiceRequestVersion>1.0</NS2:ServiceRequestVersion>
      <NS2:ChannelId>HKN</NS2:ChannelId>
    </NS2:subHeader>
```

```
  </NS1:Header>
  <NS1:Body>
    <NS3:TransactionStatusResponse xmlns:NS3="http://tempuri.org">
      <NS3:MerchantReferenceNumber>9AXK1234ff99</NS3:MerchantReferenceNumber>
      <NS3:TrxnReferenceNumber>150520154246F6A88A1B</NS3:TrxnReferenceNumber>
      <NS3:ErrorCode>00</NS3:ErrorCode>
      <NS3:ErrorDescription>Transaction Successful</NS3:ErrorDescription>
      <NS3:RspAction>Transaction Successful</NS3:RspAction>
    </NS3:TransactionStatusResponse>
  </NS1:Body>
</NS1:Envelope>
```

Service Provider Codes

SP Code	Service Provider Name	Service Type
ART	Airtel	Mobile Recharge
ARC	Aircel	Mobile Recharge
BPL	Loop Mobile	Mobile Recharge
MTL	MTNL	Mobile Recharge
BSP	BSNL West, North & South	Mobile Recharge
IDE	Idea	Mobile Recharge
REL	Reliance CDMA	Mobile Recharge
REG	Reliance GSM	Mobile Recharge
TAT	TATA CDMA	Mobile Recharge
TAD	TATA Docomo	Mobile Recharge
UNI	UNINOR	Mobile Recharge
VOD	Vodafone	Mobile Recharge
VDO	Videocon	Mobile Recharge
DTV	Dish TV	Dish TV Recharge

Response Codes

Response Code	Response message	Response Action
00	Transaction Successful.	Transaction Successful.
AB	Amount temporarily barred for Recharge.	Amount temporarily barred for Recharge.
AI	Invalid Amount.	Invalid Amount.
CB	Mobile No temporarily barred from Refill, please contact Operator	Mobile No temporarily barred from Refill, please contact Operator

CI	Invalid Mobile Number	Invalid Mobile Number
EAI	Invalid Amount	Invalid Amount
EBO	Merchant Exceeded available Balance	Merchant Exceeded available Balance
EBT	Transaction amount greater than available Merchant Balance	Transaction amount greater than available Merchant Balance
ECI	Invalid Mobile Number	Invalid Mobile Number
ECL	Customer exceeded daily limit	Customer exceeded daily limit
ECP	Please change the password	Please change the password
ECR	Commission rule is not set	Commission rule is not set
EDT	Duplicate Transaction ID received from Merchant	Duplicate Transaction ID received from Merchant
EF	Successful Refill present in the system	Successful Refill present in the system
EG	Operator System General Error	Operator System General Error
EI	Operator System Internal Error	Operator System Internal Error
EIC	Invalid Channel sent by Merchant	Invalid Channel sent by Merchant
EIE	Euronet Internal Error	Euronet Internal Error
EIM	Invalid Merchant Account sent by Merchant	Invalid Merchant Account sent by Merchant
EIP	Invalid Payment Mode sent by Merchant	Invalid Payment Mode sent by Merchant
EIU	Invalid User Name sent by Merchant	Invalid User Name sent by Merchant
EMI	Invalid Message sent by Merchant	Invalid Message sent by Merchant
EML	Merchant exceeded daily limit	Merchant exceeded daily limit
ERC	Invalid Response code configuration	Invalid Response code configuration
ES	Operator System Not Available, please try after some time	Operator System Not Available, please try after some time
ESM	Service provider or Service not available for Merchant	Service provider or Service not available for Merchant
ESP	Invalid Service Provider or Service Provider is not active	Invalid Service Provider or Service Provider is not active
ESS	Invalid Sub Service Provider or Sub Service Provider is not active	Invalid Sub Service Provider or Sub Service Provider is not active
ETC	Term and condition flag is off	Term and condition flag is off

ETI	Transaction not found for the Transaction ID sent by Merchant	Transaction not found for the Transaction ID sent by Merchant
SC	Service Class Change not allowed, please contact Operator	Service Class Change not allowed, please contact Operator
SI	Service Class Issue, please contact Operator	Service Class Issue, please contact Operator
UP	Transaction Under Process	Transaction Under Process
US	Transaction Status is Unknown	Transaction Status is Unknown
E05	Euronet Internal Error	Euronet Internal Error
E18	Invalid Merchant	Invalid Merchant
E19	Invalid Payment mode	Invalid Payment mode
E20	Invalid Channel	Invalid Channel
E21	Crossed Daily Limit for the day	Crossed Daily Limit for the day
E22	Invalid User	Invalid User
E23	Please change the password	Please change the password
E24	Credit Balance over	Credit Balance over
E25	Transaction amount bigger than available credit balance	Transaction amount bigger than available credit balance
E50	Invalid Service Provider, please select a valid Telecom Operator	Invalid Service Provider, please select a valid Telecom Operator