



BILDESKMWSERVICE SPECIFICATION

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Objective

The objective of this document is to list the specifications for BillDeskMWService which interacts with Bill Desk System to provide the following functionalities:

1. Inquire Bill
2. Last Paid Bills
3. Pay Bill
4. Schedule Payment

Inquire Bill

This service inquires the current outstanding (Unpaid and Scheduled) bill:

Operation Name : InquireBill

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
CustomerId	9	M	Customer Id of the customer
BillerIdentifier	NA	O	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc
BillIdRefNumber	NA	O	Bill Reference Number or Bill Number

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org">
  <soapenv:Header>
    <tem:subHeader>
      <tem:UniqueId>INQBILL01</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:InquireBillRequest>
    <tem:InquireBillReq>
      <tem:CustomerId>CUST00606</tem:CustomerId>
      <tem:BillerIdentifier>VODAFONE</tem:BillerIdentifier>
      <tem:BillIdRefNumber></tem:BillIdRefNumber>
    </tem:InquireBillReq>
  </tem:InquireBillRequest>
</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
ResponseCode	3	M	Response Code
ResponseDescription	999	M	Response Description
CustomerId	9	M	Customer Id of the customer
BillerIdentifier	NA	M	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc
BillIdRefNumber	NA	M	Bill Reference Number or Bill Number
BillStatus	9	M	Bill Status. Can be UNPAID, SCHEDULED or PAID.
BillDate	10	M	Bill Generation Date in dd-mm-yyyy format
BillDueDate	10	M	Bill Due Date in dd-mm-yyyy format
BillAmount	19	M	Bill Amount
TrxnDate	10	O	Bill Transaction Date in dd-mm-yyyy format

Sample

```
<NS1:Envelope xmlns:NS1="http://schemas.xmlsoap.org/soap/envelope/">
  <NS1:Header>
    <NS2:subHeader xmlns:NS2="http://tempuri.org">
      <NS2:UniqueId>INQBILL01</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:InquireBillResponse xmlns:NS3="http://tempuri.org">
      <NS3:ResponseCode>000</NS3:ResponseCode>
      <NS3:ResponseDescription>Success</NS3:ResponseDescription>
      <NS3:InquireBillRsp>
        <NS3:CustomerId>CUST00606</NS3:CustomerId>
        <NS3:BillerIdentifier>VODAFONE</NS3:BillerIdentifier>
        <NS3:BillIdRefNumber>VODABILLMOB00606</NS3:BillIdRefNumber>
        <NS3:BillStatus>UNPAID</NS3:BillStatus>
        <NS3:BillDate>12-05-2015</NS3:BillDate>
        <NS3:BillDueDate>12-06-2015</NS3:BillDueDate>
        <NS3:BillAmount>560.00</NS3:BillAmount>
      </NS3:InquireBillRsp>
    </NS3:InquireBillResponse>
  </NS1:Body>
</NS1:Envelope>
```

Last Paid Bills

This service fetches the last paid bills for the provided customer id:

Operation Name : LastPaidBills

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
CustomerId	9	M	Customer Id of the customer
BillDate	10	O	Bill Generation Date in dd-mm-yyyy format
BillDueDate	10	O	Bill Due Date in dd-mm-yyyy format
BillerIdentifier	NA	O	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc
BillIdRefNumber	NA	O	Bill Reference Number or Bill Number
TrxnRefNumber	NA	O	Transaction Reference Number of the paid bill.

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org">
  <soapenv:Header>
    <tem:subHeader>
      <tem:UniqueId>LPB000001</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:LastPaidBillsRequest>
      <tem:LastPaidBillsReq>
        <tem:CustomerId>CUST00606</tem:CustomerId>
        <!--Optional:-->
        <tem:BillDate></tem:BillDate>
        <!--Optional:-->
        <tem:BillDueDate></tem:BillDueDate>
        <!--Optional:-->
        <tem:BillerIdentifier></tem:BillerIdentifier>
        <!--Optional:-->
        <tem:BillIdRefNumber></tem:BillIdRefNumber>
        <!--Optional:-->
        <tem:TrxnRefNumber></tem:TrxnRefNumber>
      </tem:LastPaidBillsReq>
    </tem:LastPaidBillsRequest>
  </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
ResponseCode	3	M	Response Code
ResponseDescription	999	M	Response Description
CustomerId	9	M	Customer Id of the customer
BillerIdentifier	NA	M	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc
BillIdRefNumber	NA	M	Bill Reference Number or Bill Number
BillStatus	9	M	Bill Status. Can be UNPAID, SCHEDULED or PAID.
BillDate	10	M	Bill Generation Date in dd-mm-yyyy format
BillDueDate	10	M	Bill Due Date in dd-mm-yyyy format
BillAmount	19	M	Bill Amount
TrxnDate	10	M	Bill Transaction Date in dd-mm-yyyy format
PaymentType	2	M	Payment Type or Mode through which payment was made. Can be SB (through Savings Account), CC (through Credit Card) or DC (through Debit Card).
Number	20	M	Account Number if PaymentType is SB, Credit Card Number if Payment Type is CC or Debit Card Number if Payment Type is DC
TrxnStatus	NA	M	Transaction Status
TrxnRefNumber	NA	M	Transaction Reference Number generated by Bill desk for the paid bill.

Sample

```
<NS1:Envelope xmlns:NS1="http://schemas.xmlsoap.org/soap/envelope/">
  <NS1:Header>
    <NS2:subHeader xmlns:NS2="http://tempuri.org">
      <NS2:UniqueId>LPB000001</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:LastPaidBillsResponse xmlns:NS3="http://tempuri.org">
      <NS3:ResponseCode>000</NS3:ResponseCode>
      <NS3:ResponseDescription>Success</NS3:ResponseDescription>
      <NS3:LastPaidBillsRsp>
        <NS3:CustomerId>CUST00606</NS3:CustomerId>
        <NS3:BillerIdentifier>VODAFONE</NS3:BillerIdentifier>
        <NS3:BillIdRefNumber>VODABILLMOB00606</NS3:BillIdRefNumber>
        <NS3:BillDate>22-05-2015</NS3:BillDate>
        <NS3:BillDueDate>12-06-2015</NS3:BillDueDate>
        <NS3:BillAmount>560.00</NS3:BillAmount>
        <NS3:BillStatus>PAID</NS3:BillStatus>
        <NS3:TrxnDate>20150524-212456</NS3:TrxnDate>
        <NS3:PaymentType>SB</NS3:PaymentType>
        <NS3:Number>ACCTNO000000010</NS3:Number>
        <NS3:TrxnStatus>SUCCESS</NS3:TrxnStatus>
        <NS3:TrxnRefNumber>100003957972</NS3:TrxnRefNumber>
      </NS3:LastPaidBillsRsp>
    </NS3:LastPaidBillsResponse>
  </NS1:Body>
</NS1:Envelope>
```

Pay Bill

This service provides the functionality to pay the outstanding bill:

Operation Name : PayBill

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

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ServiceRequestVersion	3	M	Hardcoded Value – 1.0
ChannelId	3	M	Hardcoded Value – HKN

BODY

Field	Length	M/O	Description
CustomerId	9	M	Customer Id of the customer
BillerIdentifier	NA	M	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc
BillIdRefNumber	NA	M	Bill Reference Number or Bill Number
BillAmount	19	M	Bill Amount to be paid
PaymentType	2	M	Payment Type or Mode through which payment was made. Can be SB (through Savings Account), CC (through Credit Card) or DC (through Debit Card).
Number	20	M	Account Number if PaymentType is SB, Credit Card Number if Payment Type is CC or Debit Card Number if Payment Type is DC

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org">
  <soapenv:Header>
    <tem:subHeader>
      <tem:UniqueId>PB0000001</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:PayBillRequest>
      <tem:PayBillReq>
        <tem:CustomerId>CUST00606</tem:CustomerId>
        <tem:BillerIdentifier>VODAFONE</tem:BillerIdentifier>
        <tem:BillIdRefNumber>VODABILLMOB00606</tem:BillIdRefNumber>
        <tem:BillAmount>560.00</tem:BillAmount>
        <tem:PaymentType>SB</tem:PaymentType>
        <tem:Number>ACCTNO00000010</tem:Number>
      </tem:PayBillReq>
    </tem:PayBillRequest>
  </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
ResponseCode	3	M	Response Code
ResponseDescription	999	M	Response Description
CustomerId	9	M	Customer Id of the customer
TrxnRefNumber	NA	M	Transaction Reference Number generated by Bill desk for the paid bill.

Sample

```
<NS1:Envelope xmlns:NS1="http://schemas.xmlsoap.org/soap/envelope/">
  <NS1:Body>
    <NS2:PayBillResponse xmlns:NS2="http://tempuri.org">
      <NS2:ResponseCode>000</NS2:ResponseCode>
      <NS2:ResponseDescription>Success</NS2:ResponseDescription>
      <NS2:PayBillRsp>
        <NS2:CustomerId>CUST00606</NS2:CustomerId>
        <NS2:TrxnRefNumber>100003957972</NS2:TrxnRefNumber>
      </NS2:PayBillRsp>
    </NS2:PayBillResponse>
  </NS1:Body>
</NS1:Envelope>
```

Schedule Payment

This service provides the functionality to schedule the bill payment for a biller:

Operation Name : ScheduleBill

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
CustomerId	9	M	Customer Id of the customer
BillerIdentifier	NA	M	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc
BillIdRefNumber	NA	O	Bill Reference Number or Bill Number
ScheduleDate	10	M	Bill Schedule Date in dd-mm-yyyy format

Sample

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tem="http://tempuri.org">
  <soapenv:Header>
    <tem:subHeader>
      <tem:UniqueId>SB0000001</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:ScheduleBillRequest>
      <tem:ScheduleBillReq>
        <tem:CustomerId>CUST00404</tem:CustomerId>
        <tem:BillerIdentifier>VODAFONE</tem:BillerIdentifier>
        <tem:ScheduleDate>01-06-2015</tem:ScheduleDate>
      </tem:ScheduleBillReq>
    </tem:ScheduleBillRequest>
  </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
ResponseCode	3	M	Response Code
ResponseDescription	999	M	Response Description
CustomerId	9	M	Customer Id of the customer
BillerIdentifier	NA	M	Biller Identifier like VODAFONE, AIRTEL,AIRCEL,IDEA etc

Sample

```
<NS1:Envelope xmlns:NS1="http://schemas.xmlsoap.org/soap/envelope/">
  <NS1:Header>
    <NS2:subHeader xmlns:NS2="http://tempuri.org">
      <NS2:UniqueId>SB0000001</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:ScheduleBillResponse xmlns:NS3="http://tempuri.org">
      <NS3:ResponseCode>000</NS3:ResponseCode>
      <NS3:ResponseDescription>Success</NS3:ResponseDescription>
      <NS3:ScheduleBillRsp>
        <NS3:CustomerId>CUST00404</NS3:CustomerId>
        <NS3:BillerIdentifier>VODAFONE</NS3:BillerIdentifier>
      </NS3:ScheduleBillRsp>
    </NS3:ScheduleBillResponse>
  </NS1:Body>
</NS1:Envelope>
```