

Token request from MAJI-IS to a prepaid system

```
{  
  "paymentReceipt": "EC101257066415IP",  
  "amountPaid": "1000.00",  
  "units": "10",  
  "meterNumber": "MTR-001",  
  "accountNumber": "AC0001"  
}
```

Field	Type	Description
paymentReceipt	String	Payment receipt number
amountPaid	Numeric	Amount paid and used to calculate units
units	Numeric	Number of water units
meterNumber	String	Account meter number
accountNumber	String	Account number

NOTE: Pre-paid system should have a capability to handle duplicate receipt

Response Body

```
{  
  "paymentReceipt": "EC101257066415IP",  
  "status": "MS",  
  "message": "Success",  
}
```

Field	Type	Description
status	String	MS - Successful request MF - Failed request

message	String	Human description of what happened
paymentReceipt	String	Payment receipt number as received from the request

Token Information from prepaid system

Token URL:

<http://xxx.xxx.xx.x/api/prepaid/token>

Token body

```
{
  "status": "MS",
  "message": "Success",
  "token": "1212123",
  "paymentReceipt": "EC101257066415IP"}
```

Field	Type	Description
status	String	MS - Successful request MF - Failed request
message	String	Human description of what happened
token	String	Should be null or token value
paymentReceipt	String	Payment receipt number

Response

Refer response body on page 1

Message from MAJI-IS to third party systems

1. Header(req-signature) containing a digital signature(PKCS12) of the request body.
2. Method POST
3. Content type JSON

Headers:

req-signature => pkcs12Sign(\$reqBody)
content-type => application/json

Body:

```
$reqBody = {  
  "paymentReceipt": "EC101257066415IP",  
  "amountPaid": "1000.00",  
  "units": "10",  
  "meterNumber": "MTR-001",  
  "accountNumber": "AC0001"  
}
```

Message from third party to MAJI-IS

1. There should be a header(req-signature) containing a digital signature(PKCS12) of the request body.
2. Custom header (sys-id), The value will be provided during integration
3. Method POST
4. Content type JSON

Headers:

```
req-signature => pkcs12Sign($reqBody)
sys-id => 1212
```

Body

```
$reqBody = {
  "status": "MS",
  "message": "10",
  "token": "1212123",
  "paymentReceipt": "EC101257066415IP"
}
```