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## 1. Authentication

Request URL: <http://test.ngine.cr/emc/Pages/frmLogin.aspx>

Request Method: POST

Type: Request, Response

## 2. Funds Transfer

Request URL: <http://XXXXXX/>

Request Method: POST

Type: Request, Response

## 3. Balance Query

Request URL: <http://XXXX/>

Request Method: POST

Type: Request, Response

## 4. Get Bonus Settings

Request URL: <http://XXXX/>

Request Method: POST

Type: Request, Response

## 5. Personal Information Updated

Request URL: <http://XXXX/>

Request Method: POST

Type: Request, Response

## 6. Card Registered

Request URL: <http://XXXX/>

Request Method: POST

Type: Request, Response

## 7. Ewallet Account Registered

Request URL: <http://XXXX/>

Request Method: POST

Type: Request, Response



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## 1. Authentication

Mnet Cashier needs to Validate the user in order to proceed with the deposit option.

### Step 1 REQUEST- (XXX to MNET):

An XML string is sent **server-to-server** from XXX to MNET with the users . This request will be sent via POST.

Variable	Type	Description
<b>CustPIN</b>	int	Customer ID (XXX)
<b>Password</b>	Sting	XXX identifier
<b>frontend_id</b>	Int	Instance in Mnet that the user should be assigned. Default= 1
<b>language</b>	string	Two letter standard. Default =EN

### Sample Request:

[http://\[domain\]/Pages/frmLogin.aspx?CustPIN=test&Password=Test&Frontend\\_ID=1&Language=EN](http://[domain]/Pages/frmLogin.aspx?CustPIN=test&Password=Test&Frontend_ID=1&Language=EN)

or send those values using POST.

### Step 1 RESPONSE- (MNET to XXX) and (XXX to MNET):

Mnet Cashier has to Validate the credentials, on a successful validation the XXX system needs to send the personal information of the client, as well as the balance. If no personal info is returned the cashier will ask for it, the first time.

### Step 2. Retrieving Information from Mnet to XXX

Mnet Cashier will requiere a method at the XXX system, that can be queried for a customer personal information. The method should be called **GetCustomerInfo**.

Variable	Type	Description
<b>CustLogin</b>	String	Customer Name
<b>Password</b>	Sting	Customer Password
<b>Udf1</b>	String	Optional

### Sample Request

```
<Mnet>
<Request>
  <CustLogin>test</ CustLogin >
  <CustPassword>777</CustPassword>
  <Udf1></Udf1>
<Method>GetCustomerInfo</Method>
```



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```
</Request>
</Mnet>
```

## Step 2 . Response from XXX to Mnet

The third party should return a xml with the personal information of the client.

### Sample Response

```
<Response>
  <CustomerInfo>
    <Name>John</Name>
    <Lastname>Doe</Lastname>
    <SSN>1111</SSN>
    <Phone>11111147</Phone>
    <Email>john.doe@hotmail.com</Email>
    <City>san jose</City>
    <Address>12th street</Address>
    <ZipCode>00000</ZipCode>
    <DOB>mm/dd/yyyy</DOB>
    <Country>US</Country>
    <State>FL</State>
    <Balance>20.50</Balance>
  </CustomerInfo>
</Response>
```

Variable	Type	Description
Name	String	John
LastName	String	Doe
SSN	Int	12345(5 digit)
Phone	String	12345678
Email	String	<a href="mailto:johnDoe@hotmail.com">johnDoe@hotmail.com</a>
City	String	San Jose
Address	String	12 <sup>th</sup> street
ZipCode	String	00000(5 digit)
DOB	dateTime	mm/DD/YYYY
Country	String	US(ISO 3166-1)
State	String	FL(ISO 3166-2)
Balance	Decimal	20.50



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## 2. Funds Transfer

After a user has made a transaction it needs to be submitted to XXXs system from mnet, this is a server-to-server protocol and will be IP restricted. This values will be submit by POST

### A. REQUEST (MNET to XXX)

Variable	Type	Description
<b>Method</b>	String	Transfer
<b>CustPIN</b>	String	Login
<b>CustPassword</b>	String	XXX identifier
<b>Amount</b>	Decimal	Amount of the transaction
<b>TransType</b>	String	Transaction Type, Deposit or Payout
<b>CardType</b>	String	VISA/MasterCard/American/Dinners, etc...
<b>TransMethod</b>	String	VISA/MC/Envoy/Moneybookers, etc...
<b>TransID</b>	Int	Transaction ID of the cashier
<b>TransDate</b>	Datetime	Date of the transaction
<b>TransNote</b>	string	If any note was placed in the cashier, it will be sent in this parameter
<b>IPAddress</b>	String	IPaddress of the customer
<b>Currency</b>	String	Currency code of the transaction
<b>BonusAccepted</b>	Bit	Default 0
<b>Bonus</b>	Decimal	Default 0
<b>CardNumber</b>	String	Credit Card Number if available, can be truncated to last 4 digits

### Sample Request:

```
<Mnet>
<Request>
  <CustPIN>test</CustPIN>
  <CustPassword>777</CustPassword>
  <Amount>20.50</Amount>
  <TransType>Deposit </TransType>
  <TransMethod>Manual </TransMethod>
  <TransID>12345 </TransID>
  <TransDate>10/25/2011 </TransDate>
```



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```
<TransNote>Deposits </TransNote>
<Method>Transfer </Method>
<CardType></CardType>
<IPAddress>127.0.0.1</IPAddress>
<CurrencyCode>GBP</CurrencyCode>
<BonusAccepted>0</BonusAccepted>
<Bonus>0.0</Bonus>
<CardNumber>122324520</CardNumber>
</Request>
</Mnet>
```

## B. RESPONSE (XXX TO MNET)

<b>status</b>	String	OK/FAIL (notifies Mnet that XXX has successfully logged the users transaction into the database)
<b>transid</b>	Int	XXX transactionID
<b>Error</b>	String	Error message if any.

### Sample Response:

```
<Response>
  <Status>OK</Status>
  <TransID>1234</TransID>
  <Error></Error>
</Response>
```



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### 3. Balance Query

Allows Mnet to check a user's balance at XXX this should be done right before processing a transaction such as a debit to ensure the user has enough funds.

#### A. REQUEST (MNET to XXX)

Method	String	GetBalance
CustLogin	string	Customer ID (XXX)
CustPassword	String	XXX identifier
Udf1	String	Optional

#### Sample Request:

```
<Mnet>
<Request>
  <CustLogin>test</CustLogin>
  <CustPassword>777</CustPassword>
  <Udf1></Udf1>
  <Method>GetBalance</Method>
</Request>
</Mnet>
```

#### B. RESPONSE (XXX TO MNET)

Variable	Type	Description
status	String	OK/FAIL (Fail would mean there was an issue retrieving the users balance)
Balance	decimal	XXX users balance

#### Sample Response:

```
<Response>
  <Status>OK</Status>
  <Balance>95.50</Balance>
</Response>
```



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## 4. Get Bonus Settings

Before show deposit page to the user, Mnet should request bonus settings to XXX and show them into deposit page (user should be able to check if he/she accepts the bonus).

### A. REQUEST (MNET to XXX)

Variable	Type	Description
<b>Method</b>	String	GetBonusSettings
<b>CustPIN</b>	string	Customer ID (XXX)
<b>Password</b>	String	XXX identifier

#### Sample Request:

```
<Mnet>
<Request>
  <CustPIN>test</CustPIN>
  <Password>777</Password>
  <Method>GetBonusSettings</Method>
</Request>
</Mnet>
```

### B. RESPONSE (XXX TO MNET)

Variable	Type	Description
<b>status</b>	String	OK/FAIL (Fail would mean there was an issue retrieving the bonus settings)
<b>Bonus</b>	decimal	Bonus amount offered
<b>Term</b>	String	Terms (label) for bonus checkbox on deposit page. If empty checkbox should not appear.

#### Sample Response:

```
<Response>
<Status>OK</Status>
<Bonus>50.00</Bonus>
<Terms>50% Bonus</Terms>
</Response>
```





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## 5. Personal Information Updated

If information was missing during signup process mnet will submit back this information.

### A. REQUEST (MNET to XXX)

Variable	Type	Description
Method	String	UpdatePersonallInfo
CustPIN	string	Customer ID (XXX)
Password	String	XXX identifier
Country	String	US(ISO 3166-1)
State	String	FL(ISO 3166-2)
ZipCode	String	00000(5 digit)
SSN	Int	12345(5 digit)
Phone	String	12345678
City	String	San Jose
Address1	String	12 <sup>th</sup> Street

### Sample Request:

```
<Mnet>
<Request>
  <CustPIN>test</CustPIN>
  <Password>777</Password>
  <Method>UpdatePersonallInfo</Method>
  <Country></Country>
  <State></State>
  <ZipCode></ZipCode>
  <SSN></SSN>
  <Phone></Phone>
  <City></City>
  <Address1></Address1>
</Request>
</Mnet>
```



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## B. RESPONSE (XXX TO MNET)

Variable	Type	Description
status	String	OK/FAIL (Fail would mean there was an issue)

### Sample Response:

```
<Response>
  <Status>OK</Status>
</Response>
```

## 6. Card Registered

When the user registers a new card, Mnet must notify card details registered

### A. REQUEST (MNET to XXX)

Variable	Type	Description
Method	String	RegisterCard
CustPIN	string	Customer ID (XXX)
Password	String	XXX identifier
CardNumber	String	Card number
IsDebit	Int	1 is Debit card, 0 is Credit Card * It will always send 1
CardType	String	DELTA, ELECTRON, MAESTRO, MASTERCARD, NETELLER, SOLO, SWITCH, VISA, Wire Transfer, etc
Expiration	String	Expiration date
CVV	String	
StartDate	String	
IssueNumber	String	



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### Sample Request:

```
<Mnet>
<Request>
  <CustLogin>test</CustLogin>
  <Password>777</Password>
  <Method>RegisterCard</Method>
  <CardNumber ></CardNumber >
  <IsDebit >1</IsDebit >
  <CardType></CardType >
  <Expiration></Expiration>
  <CVV></CVV>
</Request>
</Mnet>
```

### B. RESPONSE (XXX TO MNET)

Variable	Type	Description
status	String	OK/FAIL (Fail would mean there was an issue)

### Sample Response:

```
<Response>
  <Status>OK</Status>
</Response>
```

## 7. Ewallet Account Registered

When the user registers an Ewallet account, Mnet must notify account details registered

### A. REQUEST (MNET to XXX)

Variable	Type	Description
Method	String	RegisterEWallet
CustPIN	string	Customer ID (XXX)
Password	String	XXX identifier
AccountID	String	
SecureAccountID	String	

### Sample Request:

```
<Mnet>
<Request>
  <CustLogin>test</CustLogin>
  <Password>777</Password>
```



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```
<Method>RegisterNeteller</Method>
<AccountID ></AccountID>
<SecureAccountID ></SecureAccountID>
</Request>
</Mnet>
```

## B. RESPONSE (XXX TO MNET)

Variable	Type	Description
status	String	OK/FAIL (Fail would mean there was an issue)

### Sample Response:

```
<Response>
  <Status>OK</Status>
</Response>
```