

**SUBJECT: Functional Specifications****3. REST API specifications**

The specific section describes the specifications of the APIs that will be available for the specific service.

- Test URL: <https://tjccpg.jccsecure.com/PgRestful/>
- Production UL: <https://jccpg.jccsecure.com/PgRestful/>

**3.1. Inbound calls (Merchant to JCCgateway)****3.1.1. Authentication mechanism**

Authentication mechanism for the inbound calls is described in APPENDIX A.

**3.1.2. Initialize Subscription**

**Description:** The specific API will enable the merchant to initiate a subscription based on the provided parameters.

**Method:** Create



**Request:**

Name	Required	Type (Length)	Comments
RecordID	Yes	Varchar (36)	<b>Unique request identifier</b> use to trace function calls <u>across system</u> .  This should be a GUID value with a length of 36 characters
MerID	Yes	Numeric (10)	Value as provided by JCC
OrderID	Yes	Varchar (200)	Unique order ID defined by the merchant. An order ID for which authorization has been previously granted by JCC cannot be submitted again.  Note: the following symbols are not allowed: < (HTML opening tag) > (HTML closing tag) " (quotation mark)

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			' (single apostrophe) % (percentage sign) ; (semicolon) ) (closing parenthesis) ( (opening parenthesis) & (ampersand)
ExecutionDate	No	Varchar (8)	<p>The date on which the first payment will be initiated.</p> <p>If it's null or if the execution date is equal with the system date then the first payment should be executed instantly.</p> <p>Example: for 27<sup>th</sup> of February the value 27022020 should be sent. For 1<sup>st</sup> of March the value 01032020 should be sent.</p> <p>Note that the execution date cannot be set in the period 29-31 of any month.</p>
NumberOfPayments	No	Numeric (2)	<p>If its null, then number of payments should be unlimited.</p> <p>Available values: 1 to 1000</p>
Period	Yes	Decimal	<p>Available Values:</p> <ul style="list-style-type: none"> <li>- D for Daily</li> <li>- W for Weekly</li> <li>- M for Monthly</li> <li>- Y for Yearly</li> </ul>
CustomerID	No	Varchar (100)	<p>Identify the customer. The same value can be used for multiple subscriptions.</p> <p>Note: the following symbols are not allowed: &lt; (HTML opening tag) &gt; (HTML closing tag) " (quotation mark) ' (single apostrophe) % (percentage sign) ; (semicolon) ) (closing parenthesis) ( (opening parenthesis) &amp; (ampersand)</p>

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SubscriptionID	Yes	Varchar (100)	<p><u>Uniquely</u> identify the subscription per outlet. Value must be different for each new subscription.</p> <p>Note: the following symbols are not allowed: &lt; (HTML opening tag) &gt; (HTML closing tag) " (quotation mark) ' (single apostrophe) % (percentage sign) ; (semicolon) ) (closing parenthesis) ( (opening parenthesis) &amp; (ampersand)</p>
TxnType	Yes	Varchar (10)	<p>Defines the outlet on which the token was created</p> <p>Sample value: SH1234567890 where SH is a fixed value and 1234567890 is the outlet number on which the token was created</p>
Token	Yes	Varchar (28)	Token of the card as it was provided by JCC
TxnAmount	Yes	Decimal	<p>The amount that it will be used for the first transaction of the specific subscription which it can be different than the recurring amounts.</p> <p>i.e 12.34</p>
TxnCurrency	Yes	Varchar (3)	<p>The currency that it will be used for the first transaction of the specific subscription.</p> <p>Available values as per JCCgateway developer's guide.</p>
SubscriptionAmount	No	Decimal	<p>The amount that it will be used for all the recurring payments of the specific subscription.</p> <p>i.e 12.34</p> <p>If null then it will be the same with the TrxnAmount</p>

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SubscriptionCurrency	No	Varchar (3)	<p>The currency that it will be used for all the recurring payments of the specific subscription.</p> <p>Available values as per JCCgateway developer's guide.</p> <p>If null then it will be the same with the TrxnCurrency</p>
CaptureFlag	Yes	Varchar (1)	<p>Indicates whether to only authorize (block) the amount in cardholder's account or to authorize and automatically capture.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>• A: automatically capture</li> <li>• M: do not automatically capture; will capture manually at a later stage</li> </ul> <p>In case, M is specified, the blocked amount can be captured later, before expiration of the authorization, through the Merchant Backoffice System, through a Batch or by using web services.</p> <p>Note that the specific flag affects only the first transaction of the subscription. All other future payments will be captured automatically.</p>

**Response:**

Valid Response HTTP Status 200 OK

Name	Required	Type(Length)	Comments
ResponseCode*	Yes	Varchar (2)	Please see table below
ResponseDescription*	Yes	Varchar (50)	Please see table below
PaddedCardNo	Yes	Varchar (19)	<p>It will be returned only if token is valid.</p> <p>The card number of the token that it will be used for the specific subscription.</p>