General information on working with an API.

API is available https://partners.servcul.com/CashdeskBotAPI/

To connect to the API, you need to request the following information from the manager:

These variables will be further used for requests and signature generation

- hash (unique key is issued to sign the request)
- cashierpass (cashier password)
- login (cashier login)
- cashdeskid (KPM - workplace code, cash register number)

When accessing the API, ensure that the request headers include the generated signature sign. Failure to include the signature will result in the API returning an error code 401.

To make a successful request, make sure to follow these steps:

1. Compute the SHA256 hash function for the string: hash={0}&lng={1}&Userid={2}
2. Compute MD5 for the string:
   a). Pay: code={0}&cashierpass={1}&cashdeskid={2}
   b). Reception: summa={0}&cashierpass={1}&cashdeskid={2}
3. Calculate the SHA256 hash function for the combined strings obtained in steps 1 and 2 (add this result to the header).

Example Request:

userid= 76

summa = 100

cashdeskid = 77

cashierpass = 123123

hash = fhd.ncbf9hf2ythr

Example of signature formation:

1) SHA256 (hash=fhd.ncbf9hf2ythr&lng=ru&userid=76)

Result: 2c85cd8b2667ef9d8d1afb8780f2129fc82eea84fdfc71f5cc6d6869c1eed901

2) MD5 (summa=100&cashierpass=123123&cashdeskid=77)

Result: cc8123f763fec8ca3624304756dd9991

3)SHA256(2c85cd8b2667ef9d8d1afb8780f2129fc82eea84fdfc71f5cc6d6869c1eed901cc8123f763fec8ca3624304756dd9991)

Response: 2ef2aa7bdb3f2c54351a144cd8fd0869f468d7e261225bfab9792befa7bd272e

If the 'confirm' is incorrectly configured, the system will generate an error code of 403.

Request objects have a field: confirm.

We calculate MD5 from the userId:hash strings.

Calculating confirm: MD5(76:fhd.ncbf9hf2ythr)

Confirm = c7fe6da2e22cd27895d46f5d851f1ae1

1. Fund player accounts:

POST Deposit/{userId}/Add, where userId - is the player's ID.

Request Body JSON Object:

```
{
"cashdeskid": 0, [int]
 "lng": "string", [string]
"summa": 0 [decimal]
"confirm": "string" [string]
```

Example URL: https://partners.servcul.com/CashdeskBotAPI/Deposit/76/Add

2. Process player payouts:

POST Deposit/{userId}/Payout, where userId is the player's ID.

Request Body JSON Object:

```
{
"cashdeskId": 0,
"lng": "string",
"code": "string"
"confirm": "string" [string]
}
```

Response JSON Object:{

"summa": 0, [nullable decimal] - operation amount

"success": true, [bool] - operation success "messageId": 0, [nullable int] - error code

"message": " message " [string] - Error message in the provided language }

3. Check cashpoint balance:
GET "Cashdesk/{cashdeskId}/Balance?confirm=&dt=", where cashdeskId - is the cashpoint register number, confirm - MD5 from line a cashdeskId:hash, dt - operation execution date, a string in the format yyyy.MM.dd HH:mm:ss (in UTC+0).
Formation of the signature:
1. Compute the SHA256 hash function for the string: hash={0}&cashdeskid={1}&dt={2}
2. Compute MD5 for the string: dt={0}&cashierpass={1}&cashdeskid={2}
3. Calculate the hash function SHA256 for the combined strings obtained in steps 1 and 2 (add this result to the header).

In the JSON response, the object would be:
{
"Balance" : 0 [decimal nullable] - Cash amount in the cashpoint
"Limit" : 0 [decimal nullable] - Cashpoint limit
}
4. Player search:
Get «/Users/{userId}?confirm=&cashdeskid=», where userId is the user identifier, cashdeskid - is the cashpoint register number.
confirm - MD5 from line userId:hash
Formation of the signature:
1.Compute the SHA256 hash function for the string: hash={0}&userId={1}&cashdeskid={2}.
2. Calculate the MD5 for the request parameters: userId={0}&cashierpass={1}&hash={2}.
3. Compute the SHA256 hash function for the combined strings obtained in steps 1 and 2 (add this result to the header).

In the JSON response:
{
"currencyId": 0, - Player's currency code "userId": 0,
"name": "string" - Player's full name