



A CROSS OVER BRAND SERVICE
FOR SELF EXCLUSION



ChipOut Self Exclusion

The ChipOut Self Exclusion service is at first aimed at providing a solution to the self exclusion requirements outlined in the newly proposed legislation for the Swedish gambling market. The service is provided as a SAAS, Software As A Service solution. There are no requirements on participating operators to install any software. The service is provided through a set of simple, effective and secure APIs.

For the Operator

The Self Exclusion functionality is provided to the operator as two web-services. In accordance with the proposed Swedish legislation, the operator is required to implement three types of exclusions. All are covered through the same API.

Life cycle

As a customer logs on to the operators gambling platform, the operator calls the ChipOut service API to check whether the customer already is excluded from gambling. If the customer is excluded, he should be informed of that fact and not have the ability to start gambling. If not, gambling is OK and he should be invited to continue gambling.

During a session the customer might feel that he would like to get excluded. As that happens the operator should ask for confirmation prior to calling the ChipOut API for excluding the customer.

Three types of exclusion

The legislation propose that the operator implements three types of exclusions;

1. An exclusion that is valid until further notice. This type will result in an exclusion valid for 12 months, after that time the customer can request that the exclusion should be canceled.
2. An exclusion for a specific number of days
3. Immediate exclusion, "panic button", will result in an immediately exclusion from all games. The exclusion is lifted after 24 hours.

Note: The proposed legislation says that for ALL cases of self exclusion the customer has to give his consent expressly. This should be handled at the operators site before an exclusion transaction is transferred to the service.

All types of exclusions are available through one API call.



The Programmable Interface

The service is provided through two REST API calls.

Exclude customer

Operation: POST

End-point: <https://chipoutnow.se/api/v1.3/exclude-customers>

Note: The HTTP header should set *Content-Type application/json*

Parameter	Type	Description
key	String	api-key, provided to the operator by ChipOut
uid	String	Unique Customer ID, SHA256 hash
type	Array of string(s)	GAMES, exclude from games specified in the next parameter ADS, exclude from ads DM, exclude from direkt marketing
games	Array of string(s)	Valid strings: POKER, ROULETT, BACCARAT, PUNTOBANCO, BLACKJACK CASINO, SLOTS, BETTING ALL - if included it takes presence
duration	String	format: +n[d m], where n = a number for duration, d=days, m=months. <i>Examples:</i> +30d = 30 days exclusion, +4m = 4 months exclusion The requirement to handle "indefinite exclusion" is expressed as +12m Immediate exclusion is expressed as +1d
year	string	customers year of birth, used for statistics and regulated reporting
gender	string	M, F or U, representing Male, Female and unknown, used for statistics and regulated reporting

Required parameters

Example

```
{
  "key" : "s872KqPO78t2",
  "uid" : "3384bc8fac9c81e88302724e84c507903d8fb4ed415cba97860b2a6c13074a29",
  "type" : ["GAMES","DM"],
  "games" : ["POKER", "BETTING"],
  "duration" : "+30d",
  "year" : "1956",
  "gender" : "M"
}
```



Possible response codes

Value	Description
201	Record created
400	Bad request, verify your parameters
401	Unauthorized, verify your api key
500	Internal Server Error



Get customer status

Operation: https GET

End-point: <https://api.chipoutnow.se/v1.3/customer-status>

Parameters: Should be URL-encoded in UTF-8 format

Required parameters

Parameter	Type	Description
key	String	api-key, provided to the operator by ChipOut
uid	String	Unique Customer ID, SHA256 hash

Possible response codes

Value	Description
200	OK, record found, data returned
204	No record of an exclusion, no data returned
400	Bad request, verify your parameters
401	Unauthorized, verify your api key
500	Internal Server Error

Data returned when OK (JSON format, UTF-8 encoded)

```
{"Excluded" : [{"Type" : "All", "From" : "2013-10-01", "To" : "2013-12-31"}]}
```



API Key

The API key will be provided by ChipOut as the operator engages for the service.

The key is valid for one legal entity.

The key is an UTF-8 encoded string.

Example:

Ab9pwhNT67suTqQ

Calculate the Unique ID, UID

To be able to exclude a customer from all gambling operators a unique id (UID) has to be present.

For the Swedish market the 'personnummer' is used.

Before any of the APIs are called the operator has to calculate the UID. That is done by calling any of many public libraries implementing the SHA256 hash algorithm.

The input to the algorithm should be the 12 digits without hyphen.

Examples:

Personnummer: 195604234573

Hash: 3384bc8fac9c81e88302724e84c507903d8fb4ed415cba97860b2a6c13074a29

Personnummer: 198110046188

Hash: 6a410b939edc78e79bb1893f1cd20cdba468262041e353c495b04c63ba1d5107

The hash can be calculated once and stored by the operator or calculated as needed.