

GSMUnlockUSA API Documentation

-- 01 Mar, 2013 --

1. Getting start

a. Introduction

GSMUnlockUSA API allows your applications to communicate directly with the GSMUnlockUSA server. You can now order unlock codes, check if an order has been delivered , verify orders, and much more, directly from your own website, without having to log in on GSMUnlockUSA.

The API is XML-based, platform-independent, and can be integrated on any OS in any programming language.

The API url is: <http://api.GSMUnlockUSA.com/unlockservice.asmx>

b. Setting up

You need to register an account on GSMUnlockUSA. Once you are done you need to load some credits to your account. You need to have minimum 1 credit to be able to use the GSMUnlockUSA API.

Then contact admin@gsmunlockusa.com and ask to activate API for your account on GSMUnlockUSA. We need your registered email + Your server IP adress. Now you will receive your own API KEY + API Sample.

2. XML stream format

The XML stream always conforms to the template:

```
<?xml version="1.0" encoding="UTF-8" ?>
<API>
...
</API>
```

There is no parameters on XML tags, such as `<Tag Parameter="Value">`

You will only encounter simple `<Tags>`

A tag can contain either a value("character data", in fact a simple string):

```
<Tag>Value</Tag>
```

Or contain other tags:

```
<Tag>
```

```
<SubTag>
```

```
...
</SubTag>
</Tag>
```

But not both:

```
<Tag>
Value
<SubTag>
...
```

This makes XML parsing easy.

You can obviously use any other XML parser in any programming language.

XML Structure is further detailed in each Action description.

3. Available functions

In the GSMUnlockUSA API, the services are named Function.

Each “Function” allows your application to perform a specific task: load a list of unlocking service, place an order, get an order, etc.

Here is an exhaustive list of the actions:

Service Functions	Description
GetAccountInfo	Returns information on the GSMUnlockUSA account associated with the current API key
GetService	Returns a list of supported unlocking service
GetServiceCountry	Returns a list of countries supported by a particular unlocking service
GetServiceNetwork	Returns a list of networks supported by a particular unlocking service
GetServiceBrand	Returns a list of brands supported by a particular unlocking service
GetServiceModel	Returns a list of models supported by a particular unlocking service
GetMEP	Returns a list of MEP Name
PlaceOrder	Order an unlock code
VerifyOrder	Verify an unlock code delivered
GetOrder	Returns an unlock codes ordered

The following pages detail these service functions.

4. GetAccountInfo

a. Description

Returns information on the GSMUnlockUSA account associated with the current API key.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>  
  
<API>  
  
  <Balance>  
  
    <Credits>0.00</Credits>  
  
    <CreditLimit>0.00</CreditLimit>  
  
  </Balance>  
  
</API>
```

d. Field descriptions

Field	Description	Visibility	Type
Credits	Credits currently available on the account	Always	Digits
CreditLimit	Credits limit currently available on the account	Always	Digits

5. GetService

a. Description

Returns a list of supported unlocking service.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>
```

```

<API>

  <Service>

    <ID>290</ID>

    <Name>AT&T/Cingular Instant Blackberry</Name>

    <Credit>1.99</Credit>

    <ProcessTime>1-10min</ProcessTime>

    <IsMEP>True</IsMEP>

    <IsNetwork>True</IsNetwork>

    <IsModel>True</IsModel>

    <IsPIN>False</IsPIN>

    <IsRMType>False</IsRMType>

    <IsKBH>False</IsKBH>

    <IsReference>False</IsReference>

    <IsServiceTag>False</IsServiceTag>

    <IsCDMA>False</IsCDMA>

    <PriceGroupID>5</PriceGroupID>

    <PriceGroupName>AT&T/Cingular Network</PriceGroupName>

  </Service>

  ...

</API>

```

d. Field descriptions

Field	Description	Visibility	Type
ID	Service ID	Always	Digits
Name	Service name	Always	String
Credit	Cost of an unlock code on this tool, in credits	Always	Digits
ProcessTime	Process time	Always	String
IsMEP	Whether or not the service needs the MEP Name	Always	Boolean
IsNetwork	Whether or not the service needs the network	Always	Boolean
IsModel	Whether or not the service needs the model	Always	Boolean
IsPIN	Whether or not the service needs the Pin number	Always	Boolean
IsRMType	Whether or not the service needs the RM Type	Always	Boolean
IsKBH	Whether or not the service needs the KBH/KRH	Always	Boolean

IsReference	Whether or not the service needs the Reference	Always	Boolean
IsServiceTag	Whether or not the service needs the Service Tag	Always	Boolean
IsCDMA	Whether or not the service needs the MEID/ESN	Always	Boolean
PriceGroupID	Group ID	Always	Digits
PriceGroupName	Group name	Always	String

6. GetServiceCountry

a. Description

Returns a list of countries supported by a particular unlocking service.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vServiceID	Unlocking Service ID	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>
<API>
  <ServiceCountry>
    <ID>226</ID>
    <Name>United States</Name>
  </ServiceCountry>
  ...
</API>
```

d. Field descriptions

Field	Description	Visibility	Type
ID	Country ID	Always	Digits
Name	Country name	Always	String

7. GetServiceNetwork

a. Description

Returns a list of networks supported by a particular unlocking service.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vServiceID	Unlocking Service ID	Yes	String
vCountryID	Country ID	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>
<API>
  <ServiceNetwork>
    <ID>1905</ID>
    <Name>Airadigm Communications</Name>
  </ServiceNetwork>
  ...
</API>
```

d. Field descriptions

Field	Description	Visibility	Type
ID	Network ID	Always	Digits
Name	Network name	Always	String

8. GetServiceBrand

a. Description

Returns a list of brands supported by a particular unlocking service.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vServiceID	Unlocking Service ID	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>  
  
<API>  
  
    <ServiceBrand>  
  
        <ID>211</ID>  
  
        <Name>Toshiba</Name>  
  
    </ServiceBrand>  
  
    ...  
  
</API>
```

d. Field descriptions

Field	Description	Visibility	Type
ID	Brand ID	Always	Digits
Name	Brand name	Always	String

9. GetServiceModel

a. Description

Returns a list of models supported by a particular unlocking service.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vServiceID	Unlocking Service ID	Yes	String
vBrandID	Brand ID	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>  
  
<API>  
  
    <ServiceModel>  
  
        <ID>5893</ID>
```

```

    <Name>Toshiba 903T</Name>

    </ServiceModel>

    ...

</API>

```

d. Field descriptions

Field	Description	Visibility	Type
ID	Model ID	Always	String
Name	Model name	Always	String

10. GetMEP

a. Description

Returns a list of MEP Name.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```

<?xml version='1.0' encoding='utf-8' ?>

<API>

    <MEP>

        <ID>1</ID>

        <Name>MEP-04103-001</Name>

    </MEP>

    ...

</API>

```

d. Field descriptions

Field	Description	Visibility	Type
ID	MEP ID	Always	Digits

Name	MEP name	Always	String
------	----------	--------	--------

11. PlaceOrder

a. Description

Order an unlock code.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vServiceID	Unlocking Service ID	Yes	String
vIMEI	Mobile phone IMEI number	Yes	String
vNetworkID	ID of the mobile network	No	String
vModelID	Mobile phone ID	No	String
vMEPID	MEP number of the phone	No	String
vPINNumber	PIN of the phone	No	String
vProviderID	Provider ID of the phone	No	String
vPRD	PRD Name	No	String
vSN	Serial Number	No	String
vRMType	Type of the phone	No	String
vKBHKRH	KBH number of the phone	No	String
vReference	Reference of the phone	No	String
vServiceTag	Service Tag of the phone	No	String
vNotes	Additional notes	No	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>
<API>
  <Result>
    <OrderID>1234567890</OrderID>
    <UnlockCode>000000000</UnlockCode>
    <Message></Message>
    <Error></Error>
  </Result>
```

</API>

d. Field descriptions

Field	Description	Visibility	Type
OrderID	Order ID	Always	Digits
UnlockCode	Unlock code	Always	String
Message	Additional message	Always	String
Error	Error message	Always	String

12. VerifyOrder

a. Description

Verify an unlock code delivered.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vAPIOrderID	Order ID	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>
```

```
<API>
```

```
  <Result>
```

```
    <OrderID>1234567890</OrderID>
```

```
    <UnlockCode></UnlockCode>
```

```
    <Message>VERIFYING</Message>
```

```
    <Error></Error>
```

```
  </Result>
```

```
</API>
```

d. Field descriptions

Field	Description	Visibility	Type
OrderID	Order ID	Always	Digits

UnlockCode	Unlock code	Always	String
Message	Addittional message	Always	String
Error	Error message	Always	String

13. GetOrder

a. Description

Returns an unlock codes ordered.

b. Parameters

Field	Description	Required	Type
vAPIKey	Your api key	Yes	String
vAPIOrderID	Order ID	Yes	String

c. XML Stream format

This is an example. Real data will be different.

```
<?xml version='1.0' encoding='utf-8' ?>
<API>
  <Result>
    <OrderID>1234567890</OrderID>
    <UnlockCode>NOT FOUND</UnlockCode>
    <Message></Message>
    <Error></Error>
  </Result>
</API>
```

d. Field descriptions

Field	Description	Visibility	Type
OrderID	Order ID	Always	Digits
UnlockCode	Unlock code	Always	String
Message	Addittional message	Always	String
Error	Error message	Always	String

14. Technical support

We hope you now have a good understanding of the GSMUnlockUSA API. We are at your full disposal for any question, or suggestion, about it.

If you need assistance with the API, please feel free to contact admin@gsmunlockusa.com . We will do our best to quickly reply your requests and help you integrate the API efficiently into your application.

Thank you for using GSMUnlockUSA.