



API Specifications

Telecom Services

Version 1.0

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Overview

These API definitions will enable telecommunication companies to expose the latest information about their current services and offers, for third party companies such as Aurbjörg to provide for the general public a comprehensive, exhaustive and up-to-date price comparison on their website, in accordance with the rules about price comparison of telecom services (no. [1244/2022](#)) of Fjarskiptastofa (the Electronic Communications Office of Iceland).

Using the API

Authentication

The telecommunication companies can decide whether their API can be accessed publicly or only through an authentication method. In the latter case they are responsible for implementing the authentication process, for example using an API key that is unique per requester company and is to be provided securely upon request.

In both cases they are expected to provide Aurbjörg with all information about the API endpoints and authentication method if applicable.

Data Management and Price Comparison

The telecommunication companies are expected to have the latest versions of their offers and services accessible through the web services as soon as they are available.

Each request response must include all corresponding services which are currently offered by the company. If a service is not present in the latest returned data set, it can be deemed expired and may not appear in the price comparison table.

Support

To get support or ask questions about these API specifications, please contact aurbjorg@aurbjorg.is

Methods

Bundles (Pakkar)

Information about bundles (internet + mobile + tv + home phone) and family packs which are currently offered.

Type	Suggested endpoint
GET	/bundles

Response Format:

Field	Data Type	Mandatory	Description
List of <i>{bundle}</i>	json	Yes	List of all subscription bundles currently offered

{bundle} format:

Field	Data Type	Mandatory	Description
bundleName	string	Yes	Commercial name of the bundle
mobileSubscriptionsCount	number	Yes	Number of mobile subscriptions included
kidsSubscriptionsCount	number	No	Number of mobile subscriptions for kids included (-1 if unlimited)
otherMobileBenefits	string	No	Other mobile benefits included, e.g. for smartwatches
internetDataCap	number	Yes	Internet data cap pr. month in GB (-1 if unlimited)
tvSubscriptions	string	No	Names of all TV subscriptions included (free text)
tvReceiverFees	number	No	TV receiver fees (0 if included, -1 if N/A)
homePhoneSubFees	number	No	Optional home phone subscription fees (0 if included, -1 if N/A)
routerFees	number	Yes	Router fees (0 if included, -1 if N/A)
accessFees	number	Yes	Access fees (0 if included, -1 if N/A)
otherBenefits	list[string]	No	Other benefits included in the bundle, list of free text(s)
bundlePrice	number	Yes	Total monthly price of the bundle incl. fees
bundleUrl	string	No	URL of the service's webpage
companyLogoUrl	string	No	URL of the company's logo
bundleLogoUrl	string	No	URL of the bundle's logo

Response Body Example:

```
[
  {
    "bundleName": "Heimilispakki 1",
    "mobileSubscriptionsCount": 2,
    "kidsSubscriptionsCount": 1,
    "internetDataCap": 500,
    "tvSubscriptions": "MyTV+",
    "tvReceiverFees": -1,
    "homePhoneSubFees": 1000,
    "routerFees": 0,
    "accessFees": 3790,
    "bundlePrice": 7990,
    "bundleUrl": "https://www.fjarskiptafyrirtæki.is/net",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "bundleName": "Heimilispakki 2",
    "mobileSubscriptionsCount": 3,
    "kidsSubscriptionsCount": -1,
    "otherMobileBenefits": "1 úrlausn",
    "internetDataCap": -1,
    "tvSubscriptions": "MyTV1 og MyTV+",
    "tvReceiverFees": 0,
    "homePhoneSubFees": 0,
    "routerFees": 0,
    "accessFees": 0,
    "otherBenefits": ["2 fyrir 1", "VIP tilboð fyrir alla viðskiptavinum sem eru með farsímaáskrift."],
    "bundlePrice": 10990,
    "bundleUrl": "https://www.fjarskiptafyrirtæki.is/net",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  }
]
```

Internet Subscriptions (Heimanet)

Information about internet subscriptions which are currently offered.

Type	Suggested endpoint
GET	/internetSubscriptions

Response Format:

Field	Data Type	Mandatory	Description
List of <i>{internetSubscription}</i>	json	Yes	List of all internet subscriptions currently offered

{internetSubscription} format:

Field	Data Type	Mandatory	Description
subscriptionName	string	Yes	Commercial name of the internet subscription
broadbandType	enum	Yes	Broadband technology type (see list of values below)
maxBandwidth	number	Yes	Maximum bandwidth in Mb/s
internetDataCap	number	Yes	Internet data cap pr. month in GB (-1 if unlimited)
tvSubscription	string	No	Name of TV subscription included
tvReceiverFees	number	No	TV receiver fees (0 if included, -1 if N/A)
routerFees	number	Yes	Router fees (0 if included, -1 if N/A)
accessFees	number	Yes	Access fees (0 if included, -1 if N/A)
otherBenefits	list[string]	No	Other benefits included, list of free text(s)
subscriptionPrice	number	Yes	Total monthly price of the subscription incl. fees
subscriptionUrl	string	No	URL of the service's webpage
companyLogoUrl	string	No	URL of the company's logo

broadbandType values:

Values	Description
0	ADSL
1	VDSL (Ljósnet)
2	Fibre Optic Cable (Ljósleiðari)
3	4G
4	5G

Response Body Example:

```
[
  {
    "subscriptionName": "Net Áskrift",
    "broadbandType": 1,
    "maxBandwidth": 100,
    "internetDataCap": 500,
    "routerFees": 990,
    "accessFees": 3790,
    "subscriptionPrice": 6990,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/net",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "subscriptionName": "Net Áskrift",
    "broadbandType": 2,
    "maxBandwidth": 1000,
    "internetDataCap": -1,
    "tvSubscription": "MyTV1 og MyTV+",
    "tvReceiverFees": 0,
    "routerFees": 990,
    "accessFees": 3790,
    "otherBenefits": ["Here is another benefit"],
    "subscriptionPrice": 8990,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/net",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "subscriptionName": "Net fyrir nemendur",
    "broadbandType": 2,
    "maxBandwidth": 1000,
    "internetDataCap": -1,
    "tvSubscription": "MyTV+",
    "routerFees": 990,
    "accessFees": 3790,
    "subscriptionPrice": 6990,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/skolanet",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  }
]
```

Mobile Subscriptions (Farsímaáskriftir)

Information about mobile subscriptions which are currently offered.

Type	Suggested endpoint
GET	/mobileSubscriptions

Response Format:

Field	Data Type	Mandatory	Description
List of <i>{mobileSubscription}</i>	json	Yes	List of all mobile subscriptions currently offered

{mobileSubscription} format:

Field	Data Type	Mandatory	Description
subscriptionName	string	Yes	Commercial name of the mobile subscription
withInternetSubscription	boolean	Yes	Only available with an internet subscription
minutesCount	number	Yes	Minutes pr. month included (-1 if unlimited)
extraMinutesFees	number	No	Extra fees for each minute above included
smsCount	number	Yes	Number of SMS pr. month included (-1 if unlimited)
extraSmsFees	number	No	Extra fees for each SMS above included
mobileDataCap	number	Yes	Mobile data cap pr. month in GB (-1 if unlimited)
roamingDataCap	number	Yes	Mobile data cap for EU/EEA roaming pr. month in GB (-1 if unlimited)
extraDataFees	number	Yes	Extra fees for each GB above data cap
kidsSubscriptionsCount	number	No	Number of mobile subscriptions for kids included (-1 if unlimited)
otherBenefits	list[string]	No	Other benefits included, list of free text(s)
subscriptionPrice	number	Yes	Total monthly price of the subscription
subscriptionUrl	string	No	URL of the service's webpage
companyLogoUrl	string	No	URL of the company's logo

Response Body Example:

```
[
  {
    "subscriptionName": "Farsími 1GB",
    "withInternetSubscription": false,
    "minutesCount": -1,
    "smsCount": -1,
    "mobileDataCap": 1,
    "roamingDataCap": 1,
    "extraDataFees": 990,
    "suscriptionPrice": 1690,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/simi",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "subscriptionName": "Farsími - ótakmarkað",
    "withInternetSubscription": false,
    "minutesCount": -1,
    "smsCount": -1,
    "mobileDataCap": -1,
    "roamingDataCap": 10,
    "extraDataFees": 990,
    "kidsSubscriptionsCount": 1,
    "otherBenefits": ["Gagnakort fyrir 0 kr."],
    "suscriptionPrice": 9990,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/simi",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "subscriptionName": "Farsími með heimaneti",
    "withInternetSubscription": true,
    "minutesCount": -1,
    "smsCount": -1,
    "mobileDataCap": -1,
    "roamingDataCap": 10,
    "extraDataFees": 990,
    "kidsSubscriptionsCount": -1,
    "otherBenefits": ["Gagnakort fyrir 0 kr."],
    "suscriptionPrice": 3990,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/simi",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  }
]
```

Mobile Pay-as-You-Go (Frelsi)

Information about mobile pay-as-you-go solutions which are currently offered.

Type	Suggested endpoint
GET	/mobilePayAsYouGo

Response Format:

Field	Data Type	Mandatory	Description
List of <i>{mobilePayAsYouGo}</i>	json	Yes	List of all mobile pay-as-you-go offers

{mobilePayAsYouGo} format:

Field	Data Type	Mandatory	Description
offerName	string	Yes	Commercial name of the mobile pay-as-you-go offer
validityPeriod	number	Yes	Number of days before the credit expires
withInternetSubscription	boolean	Yes	Only available with an internet subscription
minutesCount	number	Yes	Minutes included (-1 if unlimited)
extraMinutesFees	number	No	Extra fees for each minute above included
smsCount	number	Yes	Number of SMS included (-1 if unlimited)
extraSmsFees	number	No	Extra fees for each SMS above included
mobileDataCap	number	Yes	Mobile data cap in GB (-1 if unlimited)
roamingDataCap	number	Yes	Mobile data cap for EU/EEA roaming in GB (-1 if unlimited)
otherBenefits	list[string]	No	Other benefits included, list of free text(s)
offerPrice	number	Yes	Total price of the pay-as-you-go offer
offerUrl	string	No	URL of the service's webpage
companyLogoUrl	string	No	URL of the company's logo

Response Body Example:

```
[
  {
    "offerName": "Frelsi 1",
    "validityPeriod": 31,
    "withInternetSubscription": false,
    "minutesCount": 60,
    "extraMinutesFees": 15,
    "smsCount": 60,
    "extraSmsFees": 15,
    "mobileDataCap": 5,
    "roamingDataCap": 1,
    "offerPrice": 2690,
    "offerUrl": "https://www.fjarskiptafyrirtæki.is/frelsi",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "offerName": "Frelsi Gagnapakki 500MB",
    "validityPeriod": 31,
    "withInternetSubscription": false,
    "minutesCount": 0,
    "smsCount": 0,
    "mobileDataCap": 0.5,
    "roamingDataCap": 0.5,
    "offerPrice": 1090,
    "offerUrl": "https://www.fjarskiptafyrirtæki.is/frelsi",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  }
]
```

Home Phone Subscriptions (Heimasímar)

Information about home phone subscriptions which are currently offered.

Type	Suggested endpoint
GET	/homePhoneSubscriptions

Response Format:

Field	Data Type	Mandatory	Description
List of <i>{homePhoneSubscription}</i>	json	Yes	List of all home phone subscriptions

{homePhoneSubscription} format:

Field	Data Type	Mandatory	Description
subscriptionName	string	Yes	Commercial name of the home phone subscription
connectionType	enum	Yes	Type of connection (see list of values below)
includedMinutesToFixed	number	Yes	Minutes pr. month included when calling fixed-line phones (-1 if unlimited)
extraMinuteFeesToFixed	number	No	Extra fees for each minute above included when calling fixed-line phones
initialFeesToFixed	number	No	Initial fees when calling fixed-line phones
includedMinutesToMobile	number	Yes	Minutes pr. month included when calling mobile phones (-1 if unlimited)
extraMinuteFeesToMobile	number	No	Extra fees for each minute above included when calling mobile phones
initialFeesToMobile	number	No	Initial fees when calling mobile phones
billingMinimum	number	No	Billing minimum (in seconds)
billingIncrement	number	No	Billing increment after minimum (in seconds)
otherBenefits	list[string]	No	Other benefits included, list of free text(s)
subscriptionPrice	number	No	Total monthly price of the subscription if unlimited
subscriptionUrl	string	No	URL of the service's webpage
companyLogoUrl	string	No	URL of the company's logo

connectionType values:

Values	Description
0	PSTN
1	VoIP

Response Body Example:

```
[
  {
    "subscriptionName": "Heimasími Ótakmarkað",
    "connectionType": 1,
    "includedMinutesToFixed": -1,
    "includedMinutesToMobile": -1,
    "subscriptionPrice": 2590,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/heimasimi1",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  },
  {
    "subscriptionName": "Heimasími 1",
    "connectionType": 1,
    "includedMinutesToFixed": 1000,
    "extraMinuteFeesToFixed": 5,
    "initialFeesToFixed": 15,
    "includedMinutesToMobile": 0,
    "extraMinuteFeesToMobile": 25,
    "initialFeesToMobile": 15,
    "billingMinimum": 60,
    "billingIncrement": 60,
    "subscriptionUrl": "https://www.fjarskiptafyrirtæki.is/heimasimi2",
    "companyLogoUrl": "https://www.fjarskiptafyrirtæki.is/logo"
  }
]
```

Supported Fibre Network Operators (Ljósleiðarar)

Sends list of currently supported fibre network operators.

Type	Suggested endpoint
GET	/networkOperators

Response Format:

Field	Data Type	Mandatory	Description
List of <i>{networkOperator}</i>	json	Yes	List of supported network operators

{networkOperator} format:

Field	Data Type	Mandatory	Description
name	string	Yes	Name of the network operator
kennitala	string	Yes	Kennitala of the network operator (without hyphen)
lineFees	boolean	Yes	True if the client needs to pay the line fees

Response Body Example:

```
[
  {
    "name": "Ljósleiðarinn ehf.",
    "kennitala": "6912063780",
    "lineFees": "false"
  },
  {
    "name": "Míla ehf.",
    "kennitala": "4602071690",
    "lineFees": "false"
  }
]
```