

GTSALIVE

ALIVE Platform

Individual Online Orders API Integration Manual

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Revision History

Date	Version	Author	Description of Changes
13. 05. 2019	1.0	Lukas Kabicek	Initial release.
24. 10. 2019	1.1	Lukas Kabicek	Test environment base URL was changed.

Introduction

This integration manual describes REST API of the Online Ordering module which is a part of the ALIVE Platform information system. Online Ordering module is intended for individual online card orders which are paid directly by applicants. GUI administration side of the module is accessible for ISIC staff to process the orders while automated emails are triggered and sent to applicants to inform them about the processing status of their orders. This API can be used for automated card orders creating including required document uploads as well as retrieving data about card orders, their processing procedure and used voucher codes.

API behavior strongly depends on the specific market and client setup. For details of your setup please contact the ISIC Exclusive Representative in your country.

API Specification

Authentication

- All requests use **HTTP Basic** access authentication.
- The API is **not session based**. The authentication data needs to be sent with each request.
- Data transfers are encrypted using **SSL**.

Content Type

- Most of the requests and responses use **application/json** content-type.
- API endpoints for posting and downloading card order documents (images) use direct data (octet-stream) with appropriate MIME Content-Type header.

Charset

- All requests should use **utf-8** charset.

Parameter and Attribute Validations

- The API validates query parameters and attributes of created or modified objects.
- Any errors are in the body of HTTP 400 response (see object model „Validation Error“).
- The error messages are only in English language.
- The API uses logical operator AND between query parameters.
- Datetime data type in API queries and responses uses ISO 8601 extended format.

Listings Pagination

- The API supports “limit” and “offset” parameters in data listings to reduce data traffic for individual requests.
- The “limit” parameter is mandatory, its maximal value is not restricted.
- The “offset” parameter is zero-based index of the first returned record.

Responses Handling

- Clients are requested to ignore all unknown attributes in API responses to preserve compatibility in the future.
- The order of parameters in JSON responses is not significant and may change over time. Clients are requested to not rely on it.

Validation Errors

Failed validation is reported as HTTP 400 Bad Request response:

```
1 {
2   "message": "General message.",
3   "errors": [
4     {
5       "path": "parameterPath",
6       "code": "errorCode",
7       "params": { ... },
8       "message": "English message"
9     }
10  ]
11 }
```

Validation errors are being reported by various subsystems where some of these already translate their messages (while omitting the error code), some of them report only the error code and error parameters. This is why these messages should be used only for debugging purposes and are not meant to be displayed to end users.

External Identifiers

The Card Order object contains special attribute “**externalId**” which can be set and read only via this API. It’s not shown in the Online Ordering module GUI. It’s intended for external client system identifier and may be used freely by the client.

Data Model

- Card order documents are expected as direct data (octet-stream) with appropriate Content-Type header. The API doesn’t support base64 encoded documents.

Data Objects

[MODEL] Card Order

Parameter	Type	Description
externalId	string	External card order identifier.

paymentMethod	string enum	Payment method.
deliveryMethod	string enum	Delivery method.
cardType	string enum	Card type.
requestType	string enum	Request type.
plasticCard	boolean	Applied for an optional plastic card.
validFrom	date	Card validity start date.
validTo	date	Card validity end date.
institutionName	string	Academic institution name.
institutionId	integer	Academic institution ID (card issuer ID from NCDB module). -1 value substitutes (means) NULL.
prefixTitle	string	Applicant's title before name.
firstName	string	Applicant's first name.
lastName	string	Applicant's last name.
suffixTitle	string	Applicant's title behind name.
dateOfBirth	date	Applicant's date of birth.
birthNumber	string	Applicant's birth number.
gender	string enum	Applicant's gender.
email	string	Applicant's email address.
phone	string	Applicant's phone number.
personalId	string	Applicant's personal ID (student ID, membership ID).
legalRepresentativeFirstName	string	Applicant legal representative's first name.
legalRepresentativeLastName	string	Applicant legal representative's last name.
legalRepresentativeEmail	string	Applicant legal representative's email address.
legalRepresentativePhone	string	Applicant legal representative's phone number.
legalRepresentativeRelationship	string	Relationship of the legal representative to applicant.
address1	string	Delivery address, address line 1 (street).
address2	string	Delivery address, address line 2 (building, storey, ...).
city	string	Delivery address, city.
postalCode	string	Delivery address, postal code (zip code).

district	string enum	Delivery address, district (state/province/county).
country	string	Delivery address, country – 2 letter country code (ISO 3166-1 alpha-2).
customerNote	string	Applicant's note for staff processing the order.
marketingAgreement	boolean	Applicant's marketing agreement (ISIC newsletter).
id	integer	Unique card order identifier.
status	string enum	Card order status.
paymentUrl	string	URL for payment gateway redirect.
cardNumber	string	Card number (serial number).
parcelNumber	string	Consignment number.

[MODEL] Order Log

Parameter	Type	Description
createdOn	datetime	Date and time when the card order event took place.
eventType	string enum	Name of the card order event.

[MODEL] Voucher

Parameter	Type	Description
voucherCode	string	Voucher / promo code.
cardNumber	string	Card number.
cardType	string enum	Card type.
usedOn	datetime	Date when the voucher was redeemed.
cardOrderStatus	string enum	Status of associated card order at the time of the request.
cardValidFrom	date	Card validity start date.
cardValidTo	date	Card validity end date.
cardOrderModifiedOn	datetime	Date when the associated card order was last modified.

Shared Enums

[ENUM] Card Order Status

Value	Description
DRAFT	Draft.
ORDERED	Ordered.
PAID	Paid.
VALIDATED	Approved.
EXPORTED	Exported.
IN_PROGRESS	In progress.
SHIPPING_READY	Shipping ready.
SENT	Sent.
SENT_TO_SCHOOL	Sent to school.
PICK_UP_READY	Pick up ready.
ISSUED	Issued.
CANCELLED	Canceled.

[ENUM] Card Order Document Type

Value	Description
PHOTO	Applicant's photo.
IDENTITY_CARD_APPLICANT	Applicant's identity document (issued by national government).
IDENTITY_CARD_REPRESENTATIVE	Applicant legal representative's identity document (issued by national government).
PROOF_OF_STUDY	Applicant's proof of study.
PROOF_OF_EMPLOYMENT	Applicant's proof of employment (at academic institution – teacher status).

[ENUM] Card Order Event

Value	Description
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ORDER_DRAFT	Card order status change to 'DRAFT'.
ORDER_ORDERED	Card order status change to 'ORDERED'.
ORDER_PAID	Card order status change to 'PAID'.
ORDER_VALIDATED	Card order status change to 'VALIDATED'.
ORDER_IN_PROGRESS	Card order status change to 'IN_PROGRESS'.
ORDER_SHIPPING_READY	Card order status change to 'SHIPPING_READY'.
ORDER_SENT_TO_SCHOOL	Card order status change to 'SENT_TO_SCHOOL'.
ORDER_PICK_UP_READY	Card order status change to 'PICK_UP_READY'.
ORDER_ISSUED	Card order status change to 'ISSUED'.
ORDER_CANCELLED	Card order status change to 'CANCELLED'.

[ENUM] Card Order Delivery Method

Value	Description
SCHOOL	Delivery to school.
PICK_UP	Personal pick-up.
EMAIL	E-mail.
POST_STANDARD_LETTER	Post – standard letter.
POST_REGISTERED_LETTER	Post – registered letter.
COURIER	Courier.
ABROAD_DELIVERY	Abroad delivery.

[ENUM] Card Order Payment Method

Value	Description
BANK_TRANSFER	Bank transfer.
PAYPAL	PayPal.
MONEYBOOKERS	Skrill (former Moneybookers).
COMGATE_CARD	ComGate – payment card.

COMGATE_BANK_TRANSFER	ComGate – express bank transfer.
INFIPLANET *	Infiplanet.
GPWEBPAY *	GP Webpay.
MOBILPAY	mobilPay.
DEPOSIT_SLIP	Deposit Slip.
EBS_DEFAULT *	EBS – default.
EBS_CASH_CARD	EBS – payment card.
EBS_DEBIT_CARD	EBS – debit card.
EBS_CREDIT_CARD	EBS – credit card.
EBS_CREDIT_CARD_EMI	EBS – EMI credit card.
EBS_NET_BANKING	EBS – internet banking.
ALIPAY	Alipay.
WECHAT_PAY_NATIVE	WeChat Pay Native.
WECHAT_PAY_H5	WeChat Pay H5.
WECHAT_PAY_JSAPI	WeChat Pay JSAPI.
CHINA_PAY	UnionPay (business name used by ChinaPay).
EXTERNAL_PAYMENT	Payment processed through the system of the client. ISIC Exclusive Representative must specially allow this payment method for the client.
NO_PAYMENT	No payment – order for free. This payment method is not supported by the API yet.

* Payment method is not used by any market at the moment when this integration manual was last reviewed.

[ENUM] Card Type

Value	Description
ISIC	ISIC card (for full-time students).
ISIC_SCHOLAR	ISIC SCHOLAR card (in the Czech Republic it's also known as ISIC Školák).
ITIC	ITIC card (for teachers).
IYTC	IYTC card (for youth people).
ALIVE	ALIVE card (for members of sport associations, issued only in the Czech Republic).
ALIVE_STUDENT	ALIVE Student card (for part-time students, issued only in the Czech Republic).

ALIVE_STAFF	ALIVE Staff card (for non-teaching staff of schools, issued only in the Czech Republic).
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[ENUM] Card Order Request Type

Value	Description
NEW_VIRTUAL	New virtual card.
NEW_CARD	New virtual and plastic card.
ADDITIONAL_CARD	Additional plastic card to previously issued virtual card.

External Enums and Data Sources

NCDB (National Card Database) is a national-level information system of the ISIC Exclusive Representative that provides basic settings of the market, card issuing organizations, keeps track of issued cards and provides verification mechanism for benefit suppliers.

The full integration of this Online Ordering module API requires integration of the endpoints described below which are provided by NCDB REST2 API. NCDB's API uses the same authentication credentials as this Online Ordering module REST API, communication format is also JSON. Base URL and interactive documentation in Swagger are available at:

Swagger Documentation: <https://ncdb.test.aliveplatform.com/rest/2.0/swagger-ui.html>

Base URL: <https://ncdb.test.aliveplatform.com/rest/2.0>

[ENUM] District (State/Province/County)

To get a list of available districts (states/provinces/counties) please call NCDB module REST2 API endpoint **GET /administrativeUnits**.

[OBJECT] Institution (Card Issuer)

To get a list of available institutions (card issuers) and their IDs required while creating an order using **POST /cardOrders** please call NCDB module REST2 API endpoint **GET /cardIssuers** with query parameter **autocompleteEnabled = true**.

The list of available institutions change over time. Client is required to call this NCDB API endpoint instantly (autocomplete field in online card ordering form) or update cached list of institutions on regular basis (e.g. once a day).

Workflows

As the API behavior, parameter mandatoriness and workflows vary based on the business agreement between client and ISIC Exclusive Representative (ER), it's strongly recommended to ask your ISIC ER for your specific

workflows, parameter mandatoriness and constants which the API will accept once you will call it. The workflows below describes usual processes in general just to give you awareness of what is possible and how to achieve that.

How to place a new order

- 1) Ask ISIC ER for your specific setup and workflows.
- 2) Call **GET /settings** to get information about available enum values, parameter and fields visibility and mandatoriness for the ordering form on your side.
- 3) Based on provided data show your ordering form to the applicant.
- 4) Once the applicant completes submits your ordering form, call **POST /cardOrders** to create an order and save its ID returned by the API. The order will be in *DRAFT* status, not visible in the Online Ordering module administration.
- 5) Repeatedly call **POST /cardOrders/{id}/documents/{documentType}** to attach documents required to complete the order (list of them is provided by the endpoint **GET /settings**). Documents should be uploaded by the applicant to your system either while placing the order or later (depending on your system architecture – e.g. unique link for each customer sent via e-mail, authorized user account section in your information system, ...).
 - a. You may call **GET /cardOrders/{id}/documents** to get a list of documents which are already attached to the order.
- 6) Once all required documents are attached to the order, call **POST /cardOrders/{id}/status** to change card order status to *ORDERED* or *PAID* based on used payment method. Orders having one of these statuses are visible in the Online Ordering module administration.
- 7) Upwards, the order will be processed by ISIC ER staff.
- 8) Optionally call **GET /cardOrders/{id}** to get information about actual order status (e.g. to show them to the applicant in your information system).
 - a. You may rather call **GET /cardOrders** to get information about multiple orders at one API call and limit number of API calls, data transfers and servers workload. If you will use query parameter *lastModifiedFrom* the API will return only orders which were created or modified after specified date and time so you may get incremental updates. This will also save resources on both sides and will be greatly appreciated.
 - b. Optionally call **GET /cardOrders/{id}/orderLog** to get information about date and time of each status the order was already moved to.

API Endpoints

GET /settings

Query Parameters

NONE

Response

HTTP 200 OK

Parameter	Type	Description
cardForm	string enum	Specifies default form of cards issued by the client.
cardType	array	Available card types for card orders. See [ENUM] Card Type.
cardType	string enum	Card type. See [ENUM] Card Type.
maxAge	integer	Upper age limit of the person for who the card may be issued. The limit means that every person below specified age is eligible. Zero (0) means that no upper age limit is applied.
price	string	Card price.
plasticCardSurcharge	string	In case the default card form is virtual, this price specifies surcharge for optional plastic card.
plasticCard	boolean	In case the default card form is virtual, this parameter specifies whether an optional plastic card should be offered.
validityCycles	object	An object representing all validity cycles available for each card type at the moment when the API is called (more validity cycles may be available during the year).
[cardType]	array	Card type. See [ENUM] Card Type.
validFrom	date	Card validity start date.
validTo	string	Card validity end date.
deliveryMethods	array	List of available delivery methods which may be used.
price	string	Delivery price.
deliveryType	string enum	Delivery type constant. See [ENUM] Card Order Delivery Method.
description	string	Delivery method description – note to show to the applicant in the ordering form.
availableAbroadCountries	array	List of countries available for abroad delivery in case the 'ABROAD_DELIVERY_' delivery method is available (see previous parameter).
countryCode	string	Country code in 2 letter format based on ISO 3166-1 alpha-2.
price	string	Price of delivery to the specific country.
paymentMethods	array string enum	List of available payment methods which may be used. See [ENUM] Card Order Payment Method.
customValues	object	Parameters which setup depends on the setup of the client in the administration of the Online Ordering and NCDB modules of the ALIVE Platform. For more information about the setup please contact your ISIC Exclusive representative.
district	object	Applicant's delivery address – state/province/county. See external [ENUM] District.

name	string	Custom value property name.
required	boolean	Whether the field must be mandatory or optional in the ordering form of the client.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
phoneNumber	object	Applicant's phone number.
name	string	Custom value property name.
required	boolean	Whether the field must be mandatory or optional in the ordering form of the client.
prefix	boolean	Firmly set phone number prefix.
constraints	object	Specifies constraints which limits data which may be sent within this parameter.
length	object	Applicant's phone number length validation.
min	integer	Minimal accepted length of the phone number.
max	integer	Maximal accepted length of the phone number.
regex	string	Regular expression listing characters allowed in the phone number.
requiredWhenUnderage	boolean	Whether the field must be mandatory or optional in case that the applicant's age is below the legal age limit (see below).
email	object	Applicant's e-mail.
name	string	Custom value property name.
required	boolean	Whether the field must be mandatory or optional in the ordering form of the client.
requiredWhenUnderage	boolean	Whether the field must be mandatory or optional in case that the applicant's age is below the legal age limit (see below).
guardianPhoneNumber	object	Applicant legal representative's phone number.
name	string	Custom value property name.
constraints	object	Specifies constraints which limits data which may be sent within this parameter.
length	object	Legal representative's phone number length validation.
min	integer	Minimal accepted length of the phone number.
max	integer	Maximal accepted length of the phone number.
regex	string	Regular expression listing characters allowed in the legal representative's phone number.

requiredWhenUnderage	Boolean	Whether the field must be mandatory or optional in case that the applicant's age is below the legal age limit (see below).
prefixTitle	object	Academic title before the name. Applies only for ITIC cards.
name	string	Custom value property name.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
suffixTitle	object	Academic title behind the name. Applies only for ITIC cards.
name	string	Custom value property name.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
note	object	An applicant's note to tell something to the card order processing team.
name	string	Custom value property name.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
identityCardApplicant	object	<i>Not used yet.</i>
name	string	Custom value property name.
cardTypes	array string enum	Card type. See [ENUM] Card Type.
statutoryDeclaration	object	Statutory declacation that the applicant is a student/teacher.
name	string	Custom value property name.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
birthNumber	object	Applicant's birth number.
name	string	Custom value property name.
required	boolean	Whether the field must be mandatory or optional in the ordering form of the client.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
dateOfBirth	object	Applicant's date of birth.
name	string	Custom value property name.
format	string	Recommended format of the datepicker in the ordering form of the client.
personalId	object	Applicant's personal ID (student ID in the school, membership ID, etc.).

name	string	Custom value property name.
required	boolean	Whether the field must be mandatory or optional in the ordering form of the client.
displayed	boolean	Whether the field should be displayed to an applicant in the ordering form of the client.
requiredDocuments	object	An object which specifies documents required for order of each available card type in case the applicant is above or below the legal age (see below).
[cardType]	object	Card Type. See [ENUM] Card Type.
aboveLegalAge	array string enum	Array of required documents when the applicant is above the legal age.
belowLegalAge	array string enum	Array of required documents when the applicant is below the legal age.
operatedCountryCodes	array	List of abroad countries which are assessed as local country for card order delivery purpose. E.g. delivery to overseas French territories are not assessed as abroad delivery but as local delivery within France.
currencyCode	string	Three letter currency code of the market based on ISO 4217. All prices returned by this API are in this currency.
legalAge	integer	Decisive age of the applicant based on local market legal regulation. If the applicant is below this age (based on applicant's date of birth), his/her legal representative's details are required by an API while creating an order.
requestTypes	array string enum	Available request types for card orders. See [ENUM] Card Order Request Type.

```

1 {
2   "cardForm": "PLASTIC",
3   "cardType": [
4     {
5       "cardType": "ISIC",
6       "maxAge": 0,
7       "price": "320.00",
8       "plasticCardSurcharge": "0.00"
9     },
10    {
11      "cardType": "ISIC_SCHOLAR",
12      "maxAge": 17,
13      "price": "320.00",
14      "plasticCardSurcharge": "0.00"
15    },
16    {
17      "cardType": "ITIC",
18      "maxAge": 0,

```

```

19     "price": "320.00",
20     "plasticCardSurcharge": "0.00"
21 },
22 {
23     "cardType": "IYTC",
24     "maxAge": 26,
25     "price": "350.00",
26     "plasticCardSurcharge": "0.00"
27 },
28 {
29     "cardType": "ALIVE_STUDENT",
30     "maxAge": 0,
31     "price": "300.00",
32     "plasticCardSurcharge": "0.00"
33 },
34 {
35     "cardType": "ALIVE_STAFF",
36     "maxAge": 0,
37     "price": "300.00",
38     "plasticCardSurcharge": "0.00"
39 }
40 ],
41 "plasticCard": true,
42 "validityCycles": {
43     "ISIC": [
44         {
45             "validFrom": "2018-09-01",
46             "validTo": "2019-12-31"
47         }
48     ],
49     "ISIC_SCHOLAR": [
50         {
51             "validFrom": "2018-09-01",
52             "validTo": "2019-12-31"
53         }
54     ],
55     "ITIC": [
56         {
57             "validFrom": "2018-09-01",
58             "validTo": "2019-12-31"
59         }
60     ],
61     "IYTC": [
62         {
63             "validFrom": "2019-05-01",
64             "validTo": "2020-05-31"
65         }
66     ],
67     "ALIVE_STUDENT": [
68         {
69             "validFrom": "2018-09-01",
70             "validTo": "2019-12-31"
71         }
72     ],
73     "ALIVE_STAFF": [
74         {

```

```

75     "validFrom": "2018-09-01",
76     "validTo": "2019-12-31"
77   }
78 ]
79 },
80 "deliveryMethods": [
81   {
82     "price": "0.00",
83     "deliveryType": "PICK_UP",
84     "description": "Osobně"
85   },
86   {
87     "price": "20.00",
88     "deliveryType": "POST_STANDARD_LETTER",
89     "description": "Běžně"
90   },
91   {
92     "price": "40.00",
93     "deliveryType": "POST_REGISTERED_LETTER",
94     "description": "Doporučeně"
95   },
96   {
97     "price": "80.00",
98     "deliveryType": "COURIER",
99     "description": "Spěšně"
100  }
101 ],
102 "availableAbroadCountries": [
103   {
104     "countryCode": "AF",
105     "price": "45.00"
106   },
107   {
108     "countryCode": "AL",
109     "price": "45.00"
110   },
111   {
112     "countryCode": "DJ",
113     "price": "45.00"
114   },
115   {
116     "countryCode": "HR",
117     "price": "45.00"
118   },
119   {
120     "countryCode": "CU",
121     "price": "45.00"
122   },
123   {
124     "countryCode": "CY",
125     "price": "45.00"
126   },
127   {
128     "countryCode": "DE",
129     "price": "45.00"
130   }

```

```

131 ],
132 "paymentMethods": [
133     "COMGATE_BANK_TRANSFER",
134     "COMGATE_CARD",
135     "NO_PAYMENT"
136 ],
137 "customValues": {
138     "district": {
139         "name": "district",
140         "required": false,
141         "displayed": false
142     },
143     "phoneNumber": {
144         "name": "phoneNumber",
145         "required": true,
146         "prefix": false,
147         "constraints": {
148             "length": {
149                 "min": 4,
150                 "max": 64
151             },
152             "regex": "/^\\++?[\\s\\d]+$/"
153         },
154         "requiredWhenUnderage": false
155     },
156     "email": {
157         "name": "email",
158         "required": true,
159         "requiredWhenUnderage": false
160     },
161     "guardianPhoneNumber": {
162         "name": "guardianPhoneNumber",
163         "constraints": {
164             "length": {
165                 "min": 4,
166                 "max": 64
167             },
168             "regex": "/^\\++?[\\s\\d]+$/"
169         },
170         "requiredWhenUnderage": true
171     },
172     "prefixTitle": {
173         "name": "prefixTitle",
174         "displayed": true
175     },
176     "suffixTitle": {
177         "name": "suffixTitle",
178         "displayed": true
179     },
180     "note": {
181         "name": "note",
182         "displayed": true
183     },
184     "identityCardApplicant": {
185         "name": "identityCardApplicant",
186         "cardTypes": []

```

```

187 },
188 "statutoryDeclaration": {
189   "name": "statutoryDeclaration",
190   "displayed": false
191 },
192 "birthNumber": {
193   "name": "birthNumber",
194   "required": false,
195   "displayed": false
196 },
197 "dateOfBirth": {
198   "name": "dateOfBirth",
199   "format": "ddMMyyyy"
200 },
201 "personalId": {
202   "name": "personalId",
203   "required": false,
204   "displayed": true
205 }
206 },
207 "requiredDocuments": {
208   "ISIC": {
209     "aboveLegalAge": [
210       "PHOTO",
211       "PROOF_OF_STUDY",
212       "IDENTITY_CARD_APPLICANT"
213     ],
214     "belowLegalAge": [
215       "PHOTO",
216       "PROOF_OF_STUDY",
217       "IDENTITY_CARD_REPRESENTATIVE"
218     ]
219   },
220   "ISIC_SCHOLAR": {
221     "aboveLegalAge": [
222       "PHOTO",
223       "IDENTITY_CARD_APPLICANT"
224     ],
225     "belowLegalAge": [
226       "PHOTO",
227       "IDENTITY_CARD_REPRESENTATIVE"
228     ]
229   },
230   "ITIC": {
231     "aboveLegalAge": [
232       "PHOTO",
233       "PROOF_OF_EMPLOYMENT",
234       "IDENTITY_CARD_APPLICANT"
235     ],
236     "belowLegalAge": [
237       "PHOTO",
238       "PROOF_OF_EMPLOYMENT",
239       "IDENTITY_CARD_REPRESENTATIVE"
240     ]
241   },
242   "IYTC": {

```

```

243     "aboveLegalAge": [
244         "PHOTO",
245         "IDENTITY_CARD_APPLICANT"
246     ],
247     "belowLegalAge": [
248         "PHOTO",
249         "IDENTITY_CARD_REPRESENTATIVE"
250     ]
251 },
252 "ALIVE_STUDENT": {
253     "aboveLegalAge": [
254         "PHOTO",
255         "PROOF_OF_STUDY",
256         "IDENTITY_CARD_APPLICANT"
257     ],
258     "belowLegalAge": [
259         "PHOTO",
260         "PROOF_OF_STUDY",
261         "IDENTITY_CARD_REPRESENTATIVE"
262     ]
263 },
264 "ALIVE_STAFF": {
265     "aboveLegalAge": [
266         "PHOTO",
267         "PROOF_OF_EMPLOYMENT",
268         "IDENTITY_CARD_APPLICANT"
269     ],
270     "belowLegalAge": [
271         "PHOTO",
272         "PROOF_OF_EMPLOYMENT",
273         "IDENTITY_CARD_REPRESENTATIVE"
274     ]
275 }
276 },
277 "operatedCountryCodes": [],
278 "currencyCode": "CZK",
279 "legalAge": 16,
280 "requestTypes": [
281     "NEW_CARD",
282     "NEW_VIRTUAL"
283 ]
284 }

```

POST /cardOrders

Request Body

Parameter	Type	Required	Description
externalId	string	no	External card order identifier from client's system.
paymentMethod	string enum	yes	Payment method. See [ENUM] Card Order Payment Method.

deliveryMethod	string enum	yes	Delivery method. See [ENUM] Card Order Delivery Method.
cardType	string enum	yes	Card type. See [ENUM] Card Type.
requestType	string enum	yes	Request type. See [ENUM] Request Type.
plasticCard	boolean	no	Send true in case of virtual and optional plastic card order.
validFrom	date	yes	Card validity start date. For available values see validity cycles list returned by API endpoint GET /settings .
validTo	date	yes	Card validity end date. For available values see validity cycles list returned by API endpoint GET /settings .
institutionName	string	yes * ->	Academic institution name. Required if the institutionId is not send. For searching the institutionId use NCDB module endpoint GET /cardIssuers .
institutionId	integer	yes * ->	ID of the academic institution which is listed in NCDB module. Primary parameter to link the card to an academic institution. For searching the institutionId use NCDB module endpoint GET /cardIssuers .
prefixTitle	string	no *	Applicant's academic title before name. Applicable only for ITIC card.
firstName	string	yes	Applicant's first name.
lastName	string	yes	Applicant's last name.
suffixTitle	string	no *	Applicant's academic title behind name. Applicable only for ITIC card.
dateOfBirth	date	yes	Applicant's date of birth.
birthNumber	string	no *	Applicant's birth number.
gender	string enum	no	Applicant's gender. M – male F – female
email	string	yes *	Applicant's e-mail address.
phone	string	no *	Applicant's phone number.
personalId	string	no *	Applicant's personal ID (student ID in the school, membership ID, etc.). A custom value field, data may be shown/printed on a card.
legalRepresentativeFirstName	string	no *	Applicant legal representative's first name. Required when the age of the applicant is below the "legal age" limit provided by API endpoint GET /settings .
legalRepresentativeLastName	string	no *	Applicant legal representative's last name. Required when the age of the applicant is below the "legal age" limit provided by API endpoint GET /settings .

legalRepresentativeEmail	string	no *	Applicant legal representative's e-mail address. Required when the age of the applicant is below the "legal age" limit provided by API endpoint GET /settings .
legalRepresentativePhone	string	no *	Applicant legal representative's phone number. May be required when the age of the applicant is below the "legal age" limit provided by API endpoint GET /settings .
legalRepresentativeRelationship	string	no *	Relationship of the legal representative to an applicant. Required when the age of the applicant is below the "legal age" limit provided by API endpoint GET /settings .
address1	string	yes *	Applicant's delivery address – address line 1 (street).
address2	string	no *	Applicant's delivery address – address line 2 (building, storey, ...).
city	string	yes *	Applicant's delivery address – city.
postalCode	string	yes *	Applicant's delivery address – postal code (zip code).
district	string enum	no *	Applicant's delivery address – state/province/county. See external [ENUM] District.
country	string enum	yes *	Applicant's delivery address – country in 2 letter format based on ISO 3166-1 alpha-2. For available values for abroad delivery see available abroad countries list returned by API endpoint GET /settings .
customerNote	string	no *	Free field for a note placed by an applicant to tell something to the card order processing team.
marketingAgreement	boolean	no	Whether an applicant provided optional consent to receive marketing offers, newsletters, etc. To obtain marketing consent text please contact the ISIC Exclusive representative in your country!

* Parameters whose mandatoriness is followed by an asterisk are mandatory or optional depending on the specific client setup set by the ISIC Exclusive Representative in the administration of the Online Ordering and NCDB modules of the ALIVE Platform. Information about mandatoriness provides API endpoint **GET /settings**. Other specific setup will be provided by your contact person of the ISIC Exclusive Representative in your country or by GTS ALIVE IT department.

Response

HTTP 201 Created + [MODEL] cardOrder

GET /cardOrders

Query Parameters

Parameter	Type	Required	Description
-----------	------	----------	-------------

lastModifiedFrom	date	no	Return orders created or modified after selected date (day and time) so the client may get incremental updates.
status	string enum	no	Return orders in selected status. For the list of available values please see [ENUM] Card Order Status.
sortKey	string enum	no	Results will be sorted based on selected key. id – unique card order ID (default value if none is specified by the client) validFrom – card validity start date lastModifiedOn – date and time of last card order modification
sortOrder	string	no	Ascending or descending order. asc – ascending order desc – descending order
limit	integer	true	Result page size (how many items to return).
offset	integer	false	Result paging offset (zero based index of the first returned item).

Response

HTTP 200 OK + Collection <[MODEL] cardOrder>

```

1 {
2   "count": 2,
3   "items": [
4     {
5       "paymentMethod": "NO_PAYMENT",
6       "deliveryMethod": "PICK_UP",
7       "cardType": "IYTC",
8       "requestType": "NEW_CARD",
9       "plasticCard": false,
10      "validFrom": "2019-05-01",
11      "validTo": "2020-05-31",
12      "firstName": "Lukáš",
13      "lastName": "Kabíček",
14      "dateOfBirth": "1998-12-08",
15      "gender": "M",
16      "email": "lukas.kabicek@kabulus.cz",
17      "phone": "737359046",
18      "marketingAgreement": false,
19      "id": 3815,
20      "status": "PAID"
21    },
22    {
23      "paymentMethod": "COMGATE_CARD",
24      "deliveryMethod": "PICK_UP",
25      "cardType": "ITIC",
26      "requestType": "NEW_CARD",
27      "plasticCard": false,
28      "validFrom": "2018-09-01",
29      "validTo": "2019-12-31",
30      "institutionName": "VOŠ zdravotnická a SZŠ Trutnov, Procházkova 303",

```

```

31     "institutionId": 11945,
32     "prefixTitle": "MUDr.",
33     "firstName": "Jan",
34     "lastName": "Ráško",
35     "suffixTitle": "CSc.",
36     "dateOfBirth": "1963-10-07",
37     "birthNumber": "631007/3417",
38     "gender": "M",
39     "email": "lukas.kabicek@isic.cz",
40     "phone": "+420226222332",
41     "personalId": "42A5B0",
42     "customerNote": "Děkuji za vyřízení. Ráško",
43     "marketingAgreement": true,
44     "id": 3814,
45     "status": "CANCELLED"
46   }
47 ]
48 }

```

PUT /cardOrders/{id}/status

Request Body

Parameter	Type	Required	Description
status	string	yes	<p>Name of the status the card order should be moved to.</p> <p>ORDERED – this status should be used while the order is created and all required documents are uploaded.</p> <p>PAID – this status should be used while the order is created, all required documents are uploaded, and payment method is 'EXTERNAL_PAYMENT'.</p>

```

1 {
2   "status": "ORDERED"
3 }

```

Response

HTTP 200 OK + [MODEL] cardOrder

```

1 {
2   "externalId": "13",
3   "paymentMethod": "COMGATE_CARD",
4   "deliveryMethod": "POST_STANDARD_LETTER",
5   "cardType": "ISIC",
6   "requestType": "NEW_CARD",
7   "plasticCard": false,
8   "validFrom": "2018-09-01",
9   "validTo": "2019-12-31",
10  "institutionName": "Gymnázium Kocourkov, Brno",

```

```
11  "institutionId": -1,
12  "firstName": "Jaroslav",
13  "lastName": "Utroušil",
14  "dateOfBirth": "1999-04-18",
15  "gender": "M",
16  "email": "test@test.cz",
17  "phone": "123456789",
18  "address1": "Voskovcova 17/4",
19  "city": "Praha 5",
20  "postalCode": "152 00",
21  "district": "Hlavní město Praha",
22  "country": "CZ",
23  "customerNote": "Děkuji za vyřízení objednávky.",
24  "marketingAgreement": true,
25  "id": 3822,
26  "status": "ORDERED",
27  "paymentUrl": "https://gts-oo2.orchitech.net/payment/3822/pay/API
/ab0b90c5aa81ebbe7b0ae22a6c0da0d426475bd6"
28 }
```

GET /cardOrders/{id}

Query Parameters

NONE

Response

HTTP 200 OK + [MODEL] cardOrder

```
1 {
2  "paymentMethod": "COMGATE_BANK_TRANSFER",
3  "deliveryMethod": "POST_REGISTERED_LETTER",
4  "cardType": "ISIC",
5  "requestType": "NEW_CARD",
6  "plasticCard": false,
7  "validFrom": "2018-09-01",
8  "validTo": "2019-12-31",
9  "institutionName": "Metropolitní univerzita Praha, o.p.s.",
10 "institutionId": 19624,
11 "firstName": "Gustav",
12 "lastName": "Hladil",
13 "dateOfBirth": "2006-01-09",
14 "gender": "M",
15 "email": "lukas.kabicek@isic.cz",
16 "phone": "+420226222332",
17 "personalId": "414141",
18 "legalRepresentativeFirstName": "Jana",
19 "legalRepresentativeLastName": "Hladilová",
20 "legalRepresentativeEmail": "test@test.cz",
21 "legalRepresentativePhone": "+420226222331",
22 "legalRepresentativeRelationship": "Matka",
23 "address1": "Letenská 118/1",
```

```
24 "address2": "2. patro",
25 "city": "Praha 1",
26 "postalCode": "118 00",
27 "country": "CZ",
28 "customerNote": "TEST OBJEDNÁVKY PŘES GUI POD PARTNEREM",
29 "marketingAgreement": false,
30 "id": 3741,
31 "status": "SENT"
32 }
```

GET /cardOrders/{id}/orderLog

Query Parameters

NONE

Response

HTTP 200 OK + Collection <[MODEL] orderLog>

```
1 {
2   "count": 2,
3   "items": [
4     {
5       "createdOn": "2019-05-03 06:35:20",
6       "eventType": "ORDER_PAID"
7     },
8     {
9       "createdOn": "2019-05-03 06:35:19",
10      "eventType": "ORDER_ORDERED"
11    }
12  ]
13 }
```

GET /cardOrders/{id}/documents

Query Parameters

NONE

Response

HTTP 200 OK + Collection <documentType>

```
1 {
2   "count": 3,
3   "items": [
4     "IDENTITY_CARD_APPLICANT",
5     "PROOF_OF_EMPLOYMENT",
6     "PHOTO"
7   ]
8 }
```

```
7 ]  
8 }
```

PUT /cardOrders/{id}/documents/{documentType}

Documents (images) are expected as direct data (octet-stream) with appropriate MIME Content-Type header. API doesn't support base64 encoded documents (images).

For enum of document types please see [ENUM] Card Order Document Type. Document type name must be send with uppercase letters.

Supported MIME Content-Types

Value	Description
image/jpeg	JPG or JPEG images with sRGB color profile.
image/png	PNG images without transparent background.

Request Body

Document (image)

Response

HTTP 201 Created

GET /cardOrders/{id}/documents/{documentType}

Documents (images) are returned as direct data (octet-stream) with appropriate Content-Type header. API doesn't return base64 encoded documents (images).

For enum of document types please see [ENUM] Card Order Document Type. Document type name must be send with uppercase letters.

Query Parameters

NONE

Response

HTTP 200 OK + Document

DELETE /cardOrders/{id}/documents/{documentType}

For enum of document types please see [ENUM] Card Order Document Type. Document type name must be send with uppercase letters.

Request Body

NONE

Response

HTTP 204 No Content

GET /vouchers/uses

This service returns vouchers redeemed in card orders during a specific time period. The endpoint uses pagination.

Query Parameters

Parameter	Type	Required	Description
usedFrom	date	no	Date after which the voucher has been redeemed.
usedTo	date	no	Date before which the voucher has been redeemed.
cardOrderModifiedFrom	date	no	Date after which the order using the voucher has been modified.
cardOrderModifiedTo	date	no	Date before which the order using the voucher has been modified.
limit	integer	yes	Result page size (how many items to return).
offset	integer	no	Result paging offset (zero based index of the first returned item).

Response

HTTP 200 OK + Collection <[MODEL] voucher>

```
1 {
2   "count": 1,
3   "items": [
4     {
5       "voucherCode": "a4602c40",
6       "cardType": "IYTC",
7       "usedOn": "2019-05-03T06:35:19+0000",
8       "cardOrderStatus": "PAID",
9       "cardValidFrom": "2019-05-01",
10      "cardValidTo": "2020-05-31",
11      "cardOrderModifiedOn": "2019-05-03T06:35:21+0000"
12    }
13  ]
14 }
```

Test Environment

The following access details can be used for the test environment. Please ask your ISIC Exclusive representative for authentication details.

Online Ordering module endpoints

Swagger Documentation: <https://cz-online.test.aliveplatform.com/api/1.0/doc>

Base URL: <https://cz-online.test.aliveplatform.com/api/1.0>

Username: *ask your ISIC ER*

Password: *ask your ISIC ER*

NCDB module endpoints

Swagger Documentation: <https://ncdb.test.aliveplatform.com/rest/2.0/swagger-ui.html>

Base URL: <https://ncdb.test.aliveplatform.com/rest/2.0>

Username: *ask your ISIC ER*

Password: *ask your ISIC ER*

The client will receive authentication information and the web service URL to the production environment from the ISIC Exclusive representative once the API integration is completed and successfully tested against test environment, thus becoming authorized to enter and update data in production Online Ordering module of the ALIVE Platform.

Contacts

For all support queries please contact GTS ALIVE IT department at support@gtsalive.com.