TRIPJACK

TRIPSAFE API DOCUMENTATION

Version History:

Version	Date	Revisions
1.0	08-07-2025	Search, Review, Booking, Amendments APIs
2.0	07-08-2025	Request Response Verbose, FAQs
3.0	16-10-2025	Embedded API Integration
4.0	02-02-2026	Student & AMT API Integration
5.0	13-02-2026	UAT Certifications & Checklists
6.0	11-03-2026	Modify review, Exclusive Embedded API

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1. Introduction

TripSafe is a new travel insurance product which will cover travellers going for International Trips. This will be offered in 4 journeys:

- **Embedded** - API Clients will have an option to purchase travel insurance at the time of flight booking.
- **Standalone** - API Clients will have an option to purchase as a standalone insurance offering (unlinked to any booking on TJ portal),
- **Student :-** Travel Insurance plans designed specifically for the students travelling abroad for education over a longer duration.
- **AMT :-** *TripSafe Annual Multi-Trip (AMT)* that: Covers unlimited trips per year - each trip up to a specified maximum duration *(30/45/60/90 days)*.

TripSafe API exports a REST based web service over HTTPS, using JSON to encode service request and response data. We use an SSL secured channel to transmit data from client to the service.It is intended specially for developers and other team members to help them know how the TripSafe API Service works. This guide provides all the necessary information to integrate the TripSafe APIs.

All the steps right from search, to review, booking are sequentially followed by using a shared api key header (“apikey”).

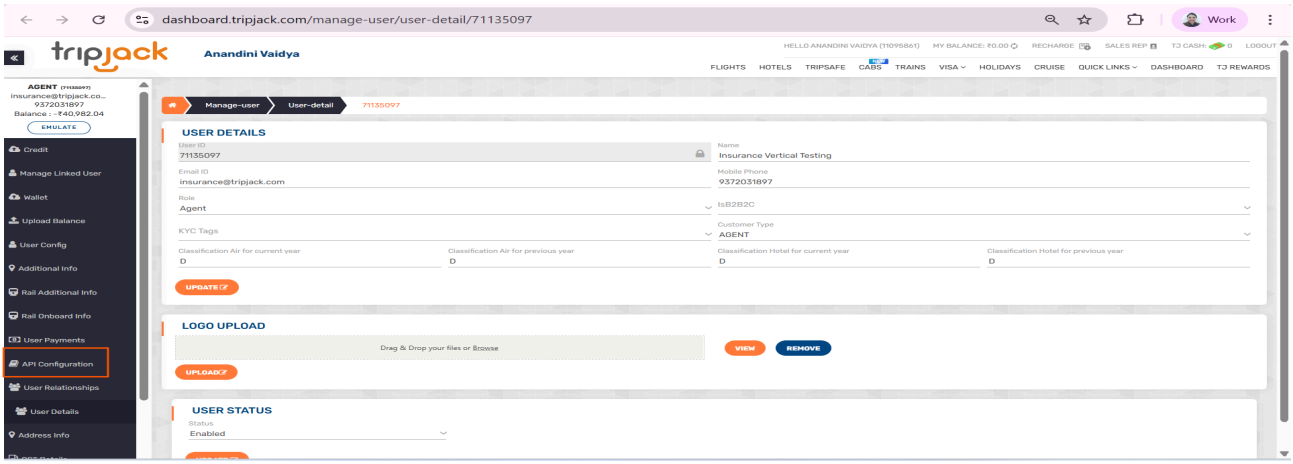
API-KEY – Your sandbox or production API key

NOTE - If API-Key is already generated use the same to access API’s , in case to generate new API Keys follow below steps. Use your assigned API key in the request header as apiKey.Contact support to request production access in case of any issues.

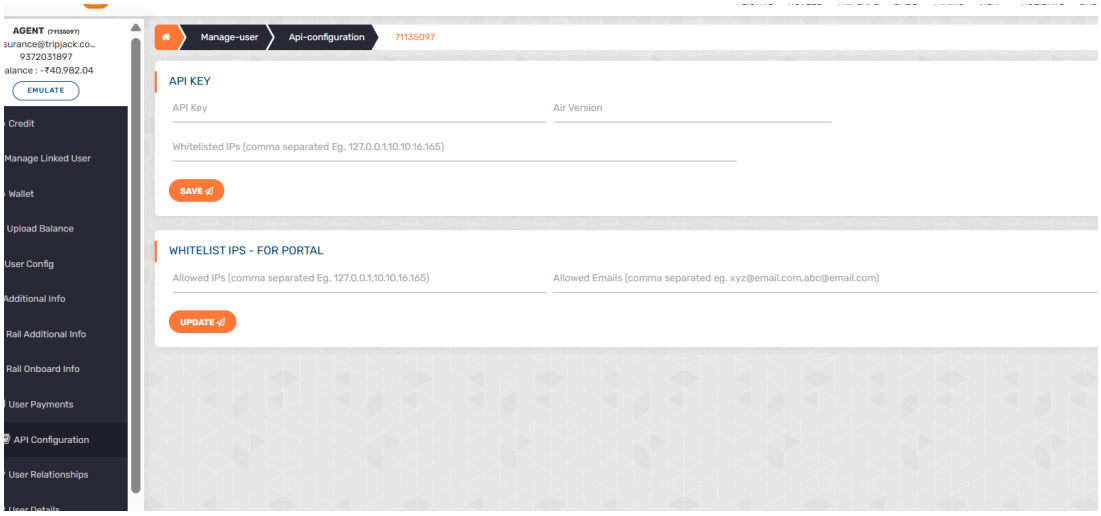
Steps to Whitelist IP and Generate API Key

To begin using the API, follow the steps below to whitelist your IP and retrieve your API key

1. **Navigate to the User detail for the User id you wish to create an API Key**
   a. Find the api configuration on your left nav

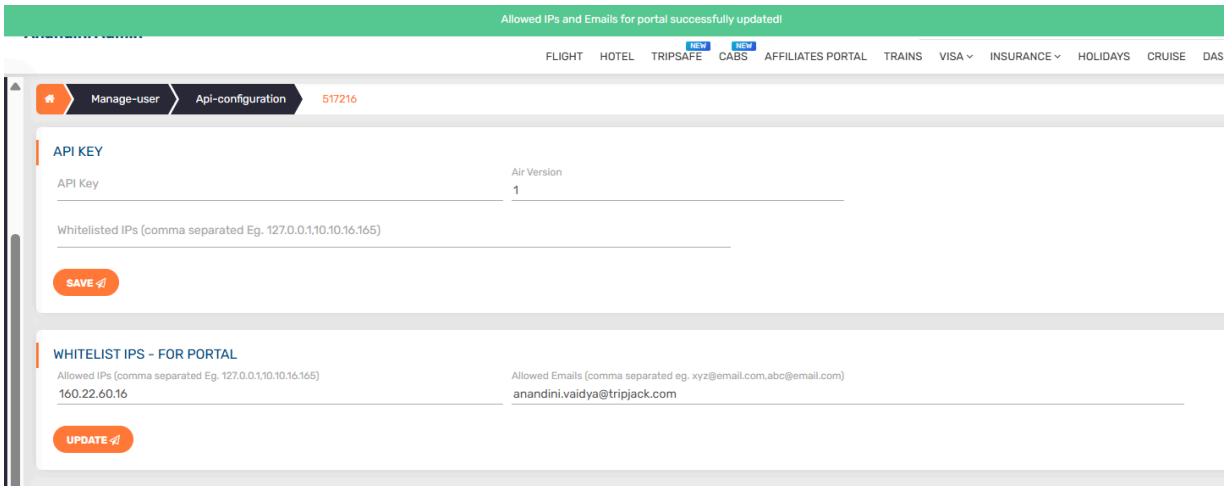


Next :



2. **Fill IP Address and Email -**
   - Provide a valid **IPv4 address** and a **contact email**.
   - Click on the **"Update"** button to save these details.

3. **Generate API Key -**
   - Select the APIs you intend to use from the available list.
   - Click on the **"Save"** button to confirm your selection.
   - Once the above steps are completed successfully, a **new API Key** will be generated automatically.



2. Service Definition

Below are the available service URL & definition:-

UAT Environment - Domain: https://apitest.tripjack.com

Production Environment - Domain: https://tripjack.com

🔗 Endpoints Overview Summary

API Name	Method	Endpoint	Purpose
Search API	POST	`/insurance/v1/searchquery-list`	Fetch available insurance plans
Review API	POST	`/insurance/v1/review`	Plan selection & premium calculation
Booking API	POST	`/oms/v1/insurance/book`	Finalize insurance booking
Booking Details API	POST	`/oms/v1/insurance/booking-details`	Retrieve completed booking details
Raise Amendment API	POST	`/oms/v1/ins/amendment/raise`	Raise amendment request
Cancellation API	POST	`/oms/v1/ins/amendment/confirm-insurance-cancellation`	Confirm booking cancellation

Postman Documentation :

Tripsafe APIs Postman Collection

Country Codes Catalogue

Country Mapping Codes (Mention respective in “rkey”)

3. API Documentation -

SEARCH API -

Returns available insurance plans based on the provided regions and traveler's age.

Method: POST
API: /insurance/v1/searchquery-list
Sample Request Payload -

```
{
 "isq": {
  "sd": "2025-02-24",
  "ed": "2025-02-26",
  "isc": {
   "iri": [
    { "rkey": "ASI", "rt": "POPULARREGION" },
    { "rkey": "US", "rt": "COUNTRY" }
   ]
  },
  "iti": [
   { "age": 41 },
   { "age": 43 },
   { "age": 61 },
   { "age": 62 }
  ]
 }
```

Request Verbose :

Key	Description
sd	Start date of the insurance coverage (format: YYYY-MM-DD).
ed	End date of the insurance coverage (format: YYYY-MM-DD).
isc	Insurance search criteria, which includes region information. **iri :** Region details where the insurance will be applicable **rkey :** Name of the region (e.g., "Europe", "Asia", “India”, “USA”) **rt :** Type of region (e.g., "Country", "Continent") **iti :** List of travelers for whom the insurance search is being performed, for the search API we require only age **Age:** Age of the traveler.

InsuranceSearchResult

InsuranceSearchResult

Key	Description
sd	Start date of the insurance coverage (format: YYYY-MM-DD).
ed	End date of the insurance coverage (format: YYYY-MM-DD).

isq Insurance search criteria, which includes region information.

iri : Region details where the insurance will be applicable

rkey: Name of the region (e.g., "Europe", "Asia", “India”, “USA”)

rt : Type of region (e.g., "Country", "Continent")

pisc: Product insurance search criteria

rkey: Name of the region (e.g., "Europe", "Asia", “India”, “USA”)

rt : Type of region (e.g., "Country", "Continent")

iti : List of travelers for whom the insurance search is being performed, for the search API we require only age

age: Age of the traveler.

"searchId": Unique search id for every search result

“isr” : Insurance search result

iinfo : insurance info

pli list of plan info

plid :- plan id

pi :- product info

pi :- Product info

pid : Product ID.
pn : Product name
pi productIdentifier ($50k Travel cover, $100k Travel Cover)
Ip : Insurance Provider Name (ABHI)
aps: List of Assistance Provider(AAI,BOXX)
rname: Region name
pbft Product benefits information

Pfd : Product fare details

Ppd :- Contains per day price of each age type traveller
Ppdf : day number to age wise fare component.
Ifc : Insurance fare component

pbft : Product Benefit

bv Visibility of the benefit (ON_BANNER, ON_COMPARE).
name Benefit name
type Benefit type (ASSISTANCE, INSURER).
bfp :- benefit provider
dsc: description if any

Ifc Insurance fare component

AP Across Assistance Price
IP Insurer Price
IPGST Insurance Markup GST

APGST Across Assistance GST
BF Base Fare
SPGST Selling Price GST
AC Agent Commission
SP Selling Price
TF Total Fare
IMU Insurer Markup
ACTDS Agent Commission TDS
NF Net Fare

SEARCH API- FAQs :

.

- **What is the expected format or validation pattern for rkey values? Is there a definitive list (e.g. ASI, US)?**

- **There is a predefined list of valid rkey values used with rt: POPULARREGION.**
  - **SCH → Schengen**
  - **EUR → Europe**
  - **MDE → Middle East**
  - **USC → US & Canada**
  - **ASI → Asia**

- **Can rt (Region Type) accept multiple types in a single request, or must each region have a distinct rt?**

  - API supports both **Popular Region** and **Country** types in a single search request.

- **What happens if unsupported or invalid rkey or rt values are passed?**

  - For unsupported values, the response will be : "No insurance search results found."

- **What is the maximum number of travelers (iti) allowed in a single request?**

  - Up to **10 travelers** are allowed per request. Valid age range: **0–75 years**.

- **Can traveler age be fractional (e.g. 1.5 years), or must it be an integer?**

  - Age must be an **integer**. Fractional ages (e.g., 1.5 years) are not accepted.

- **What happens if sd > ed (invalid date ranges)? Is this validated?**

  - If the start date is greater than the end date, the same error is returned:
    "No insurance search results found."

- **Is the isp object used for advanced filtering? What keys/values are supported (e.g. insurer, coverage type)?**

  - The isp object is not used for advanced filtering. It is for internal insurance product identification.

- **Are age restrictions enforced at the plan or product level? If yes, how are validation failures conveyed?**

  - Enforced at the **product level**. If violated, the same standard error is returned.

- **Does the response contain plan metadata (plan ID, benefits, pricing, insurer, etc.)?**

  - The API response includes plan metadata **Plan ID, pricing, insurer, and benefits**.

- **Is pagination supported in the Search API response for large result sets?**

  Not supported currently.

- **What is the typical or expected latency for the Search API under normal load?**

  Around **800–1200 ms** under normal load.

REVIEW API -

This request structure submits selected insurance plans and their product IDs, obtained from the insurance search API, for premium calculation, booking, or detailed plan retrieval.

Method - POST
API - /insurance/v1/review
Sample Request Payload -

```
{
  "pli": [
    {
      "plid": "{isid0219009173_0_regular}",
      "pi": [
        {
          "pid": "{ABHI-PLAN_250-WW-AAI-BOXX}"
        }
      ]
    }
  ]
}
```

Review API Request Verbose:

Key	Description
pli	**list of plan info** **plid :-plan id taken from Search Resp.** Plid (Plan Id): String — Unique identifier for the selected plan (from search API response). Example: isid8037318205_1_seniorcitizen

	"pi":Product info **"pid" : Product Id , taken wrt to Plan Id from search resp** Pid (Product Id): String — Unique identifier for a specific product (from search API response). Example: ABHI-PLAN_100-WW-AAI-BOXX

Review API Response Verbose:

Key	Description
bid	Booking Id :- unique id received in the review response
sd	Start date of the insurance coverage (format: YYYY-MM-DD).
ed	End date of the insurance coverage (format: YYYY-MM-DD).

isq Insurance search criteria, which includes region information.

iri : Region details where the insurance will be applicable

rkey: Name of the region (e.g., "Europe", "Asia", “India”, “USA”)

rt : Type of region (e.g., "Country", "Continent")

pisc: Product insurance search criteria

rkey: Name of the region (e.g., "Europe", "Asia", “India”, “USA”)

rt : Type of region (e.g., "Country", "Continent")

iti : Insurance Traveller Info

List of travelers for whom the insurance search is being performed, for the search API we require only age

age: Age of the traveler.

"searchId": Unique search id for every search result

"isr" : Insurance search result

iinfo : insurance info

pli list of plan info

plid :- plan id

pi :- product info

pi :- Product info

pid : Product ID.

pn : Product name

pi productIdentifier ($50k Travel cover, $100k Travel Cover)

Ip : Insurance Provider Name (ABHI)

aps: List of Assistance Provider(AAI,BOXX)

rname: Region name

pbft Product benefits information

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Ppd :- Contains per day price of each age type traveller

Ppdf : day number to age wise fare component.

Ifc : Insurance fare component

pbft : Product Benefit

bv Visibility of the benefit (ON_BANNER, ON_COMPARE).

name Benefit name

type Benefit type (ASSISTANCE, INSURER).

bfp :- benefit provider

dsc: description if any

Ifc Insurance fare component

SPGST Selling Price GST

AC Agent Commission

SP Selling Price

TF Total Fare

ACTDS Agent Commission TDS

NF Net Fare

"pltype": "REGULAR" (ignore)

REVIEW API- FAQs :

- **Can multiple plans from different providers be reviewed simultaneously in the pli array?**

  - No , we can review only **1 plid , per search**

- **Are there constraints on the number of pids per plid? Must all be from the same insurer?**

  - Yes just as in **AIR we chose the price id corresponding to fare identifier** ,
    we choose the **pid corresponding to plid**

- **How are conflicts resolved if plans overlap in age eligibility or region applicability?**

  - There are no conflicts as such , the following are handled in the search response

- **What happens if a plid or pid is invalid or manipulated?**

  Error is thrown:-


```
"errors": [
  {
    "errCode": "400",
    "message": "Bad Request",
    "details": "Invalid productId"}
```


- **Does the Review API return both premium values and detailed benefits?**

  - Yes, along with booking id , benefits , premium cost.

- **Are benefits returned grouped by insurance provider (e.g. ABHI, BOXX)?**

  - No they are individual benefits given by both , which are explicit;y displayed in both search & review response

- **Does the response include a validation status for each product or plan?**

  - Basic validations like **age, nominee, DOB, and coverage date** are included.

- **Is there a timeout window after which reviewed plans expire or become invalid?**
  Not yet

BOOKING API -

This API creates the insurance booking by submitting the selected plan, traveler details, payment information, and delivery contacts. All submitted data must exactly match the information provided in the Insurance Review Request.

Method - POST

API - /oms/v1/insurance/book

Sample Request Payload - Wallet Mode of Payment

```
paymentInfos": [
        {
            "paymentMedium": "WALLET",
            "amount": 1175
        }
    ]
```

Sample Request Payload - Credit Line Mode of Payment

```
paymentInfos": [
        {
            "paymentMedium": "CREDIT_LINE",
            "amount": 1175
        }
    ],
```

```
{
 "bookingId": "{{insBookingId}}",
 "paymentInfos": [
  {
   "paymentMedium": "WALLET",
   "amount": 7500.00
  }
 ],
 "pli": [
  {
   "plid": "{{PlanId}}",
   "pi": [
    {    "pid": "{{ProductId}}",
     "iti": [
      {
       "id": 1,
       "dob": "1985-06-15",
       "age": 61,
       "fn": "xxxx",
       "ln": "xxxx",
       "eid": "xxxx@domain.com",
       "pnum": "X12345678",
       "cnum": "9810961535",
       "pincode": "123456",
       "gen": "M",
       "ni": [
        { "nn": "xxxx", "nr": "Brother" }
       ]
      }   ] }
    ]
  }
 ],
```

```
  "deliveryInfo": {
   "emails": [ "xxxx@domain.com" ],
   "contacts": [ "9587507322" ]
  }
 }
```

Note:

- The number of travelers, ages, and plan selections **must match the Insurance Review Request exactly**.

BOOKING API Request Verbose

Key	Description
Booking id	Booking Id :- unique id received in the review response
paymentInfos	Payment Information **"paymentMedium" :- "WALLET" // For Wallet Transactions** **"payemntMedium" : "CREDIT_LINE" //For Credit Line Transactions** **"amount" :- TripSafe Insurance Amount**

pli	**list of plan info** **plid :-plan id taken from Search Resp.** **"pi":Product info** **"pid" : Product Id , taken wrt to Plan Id from search resp** **"iti" Insurance Traveller information** **"Dob"** Date of birth of the traveler (format:YYYY-MM-DD). **Age** of the traveler. **Fn** First name of the traveler. **Ln** Last name of the traveler. **Eid** Email ID of the traveler. **Pnum** Passport number of the traveler. **Gen** **gender of Traveller** (M / F) **Ni** **"nn"** Name of the nominee. **"nr"** Relationship between the traveler and the nominee.

List of Nominee Relations

Value	Description
SPOUSE	Spouse of the traveler.
CHILD	Child of the traveler.
PARENT	Parent of the traveler.
SIBLING	Sibling of the traveler.
FRIEND	Friend of the traveler.
GUARDIAN	Guardian of the traveler.
OTHER	Any other relationship.

Booking API Response Keys-

Key	Description
bid	Booking Id :- unique id
Status	Success :- TRUE

BOOKING API-FAQs :

- **What is the exact structure and logic for validating consistency between the Review API and Booking API (e.g. age, plid, pid)?**

  - Parameters like plid, pid, and age must match those from the review step.

- **Is bookingId a client-generated ID? Is it required to be unique?**

  - Its a system generated unique ID

- **What happens if traveler data (age, dob, pnum, etc.) is missing or inconsistent with the Review step?**

  Response- { "errCode": "400",
  "message": "Bad Request",
  "details": "Invalid productId" }

- **Which fields are mandatory for a traveler (dob, fn, ln, eid, pnum, gen, pincode)? Are some optional by plan?**

  - All fields are mandatory except **pincode**. Required: dob, fn, ln, eid, pnum, gen.

- **Is ni (nominee info) optional, and what happens if it's omitted?**

  - **Mandatory**. Booking fails if nominee details are missing.

- **Can mobile numbers under contacts support international formats?**

  - Only **Indian format (+91)** is supported.

- **What is the supported list of paymentMedium values (WALLET, CARD, UPI, NETBANKING)?**

- Currently only **WALLET** & **CREDIT_LINE** is supported via API

- **Can multiple payment methods be used via paymentInfos? How are partial or split payments handled?**

  - Not supported. No Block API functionality is available.

- **Are there validation checks on passport number (pnum) and date formats (e.g. dob)?**

  - Both are validated.

- **What happens if extra or fewer travelers are submitted compared to the Review request?**

Response - { "errCode": "1134",

"message": "Please update details for every pax",

"details": "invalid traveller count provided for plan idisid1077830193_0_regular" }

Booking-Details API -

This API retrieves the details of a completed insurance booking using the bookingId returned after a successful booking.

Method - POST
API - /oms/v1/insurance/booking-details

Sample Request Payload -

```
{ "bookingId": "{{insBookingId}}" }
```

Request Parameter Verbose:

Key	Description
bid	Booking Id :- unique id (Unique insurance booking reference ID received from the Insurance Booking API response.)

Booking Details API Sample Response -


```
{
"order": {
  "bookingId": "XXXXXXX",
  "bookingUserId": "XXXXXX",
  "partnerId": "0",
  "amount": 730.00,
  "markup": 0.00,
  "orderType": "INSURANCE",
  "channelType": "MOBILE",
  "loggedInUserId": "61025303",
  "deliveryInfo": {
    "emails": [
```

```
            "XXXXXX@gmail.com"
        ],
        "contacts": [
            "XXXXX"
        ]
    },
    "status": "SUCCESS",
    "createdOn": "2025-06-16T00:46:31.599",
    "processedOn": "2025-06-16T00:46:31.948",
    "id": 34489000007,
    "additionalInfo": {
        "ft": "ONLINE",
        "ps": "SUCCESS",
        "iid": "TS-3444",
        "ips": true,
        "fut": {
            "S": "2025-06-16T00:46:31.948",
            "PS": "2025-06-16T00:46:31.846"
        },
        "ifo": false,
        "iperp": true,
        "isbpo": true
    }
},
"itemInfos": {
    "INSURANCE": {
        "iinfo": {
            "pli": [
                {
```

```
"plid": "isid1758420714_0_regular",
"pi": [
  {
    "pid": "ABHI-PLAN_50-ASIA-AAI-BOXX",
    "pn": "$50,000",
     "pi": "Silver Plus",
     “ip”: "ABHI",
    "aps": [
      "AAI",
      "BOXX"
    ],
    "rname": "ASIA",
    "pbft": [
{
        "bv": "POPUP",
  "name": "Mugging Cover",
  "ic": "Theft Covers",
  "type": "INSURANCE_BENEFIT",
  "dsc": "Payout in case of loss of funds due to mugging.",
  "sumins": "Upto $200",
  "bfp": "ABHI"
      },
       {
  "bv": "POPUP",
  "name": "Lost Luggage Assistance",
  "ic": "Travel Assistance",
  "type": "ASSISTANCE_BENEFIT",
  "dsc": "Coordination with airline to help file missing luggage report, PIR etc.",
  "bfp": "AAI"
```

```
},
{
 "bv": "POPUP",
 "name": "Digital Risk Assessment",
 "type": "ASSISTANCE_BENEFIT",
 "dsc": "Better understand your cyber awareness through a risk assessment survey",
  "bfp": "BOXX"
 }
   ],
 "iti": [
       {
          "id": 1,
          "dob": "1992-07-26",
          "age": 32,
          "fn": "XXXX",
          "ln": "XXXXXX",
          "isio": true,
          "eid": "XXXXXXX@gmail.com",
          "pnum": "AA984045",
          "gen": "male",
          "ni": [
             {
                "nn": "XXXXXX",
                "nr": "FATHER"
             }
          ],
          "fd": {
             "ifc": {
   "AC": 278.00,
```

```
"NF": 457.56,
 "SP": 618.64,
 "TF": 730.00,
 "BXP": 10.00,
 "IMU": 647.40,
 "IGST": 111.36,
 "ACTDS": 5.56,
 "APGST": 1.80,
 "IPGST": 9.00,
 "SPGST": 111.36,
 "BXPGST": 1.80
 }
},
 "policyId": "TSOXXN11038682",
 "ti": "Mr",
  "cnum": "972222202890807",
  "isbpo": true,
  "optedAddons": {
      "brbServiceNumber": "70991389080725344",
       "isBrbJobCompleted": false
      },
      "izt": true
   }
],
"tfd": {
   "ifc": {
      "AC": 278.00,
      "AP": 10.00,
      "BF": 82.60,
```

```
                    : 50.00,
                    "NF": 457.56,
                    "SP": 618.64,
                    "TF": 730.00,
                    "BXP": 10.00,
                    "IMU": 647.40,
                    "IGST": 111.36,
                    "ACTDS": 5.56,
                    "APGST": 1.80,
                    "IPGST": 9.00,
                    "SPGST": 111.36,
                    "BXPGST": 1.80
                }
            }
        }
    ],
    "pltype": "REGULAR"
  }
],
"activeFrom": "2025-06-16"
},
"isq": {
  "sd": "2025-06-16",
  "ed": "2025-06-20",
  "isc": {
    "iri": [
      {
        "rkey": "TH",
        "rt": "COUNTRY"
```

```
            }
        ]
    },
    "iti": [
        {
            "id": 1,
            "dob": "1992-07-26",
            "age": 32,
            "fn": "XXXXXXX",
            "ln": "XXXXX XXXX",
            "isio": true,
            "eid": "XXXXXX@gmail.com",
            "pnum": "AA984045",
            "gen": "male",
            "ni": [
                {
                    "nn": "XXXXXX",
                    "nr": "FATHER"
                }
            ],
            "policyId": "TSON11038682",
            "ti": "Mr",
            "cnum": "972222992027",
            "isbpo": true,
            "optedAddons": {
                "brbServiceNumber": "7099133330725344",
                "isBrbJobCompleted": false
            },
            "izt": true
```

```
            }
          ],
          "isp": {},
          "isef": false
        },
        "ios": "SUCCESS"
      }
    },
    "gstInfo": {},
    "status": {
      "success": true,
      "httpStatus": 200
    },
    "metaInfo": {
      "Users": {
        "61025303": {
          "name": "XXXXXX",
          "role": "AGENT",
          "userId": "610898925303",
          "partnerId": "0",
          "additionalInfo": {
            "gps": []
          },
          "parentUserId": "610289795303",
          "userConf": {},
          "totalBalance": 5893.43
        }
      } }}
```

Booking Details API Response Verbose -

Key	Description
order	Booking Id :- unique id received.
	"amount" :- TripSafe Insurance Amount
	"markup" : Agent markup if any
	"Delivery info" :- Agent Info
	email :- email id of traveller
	Contact:- traveller contact num.
	status
	"createdOn" :- Booking creation time
"itemInfos"	**INSURANCE**
	iinfo : insurance information
	plid :-plan id taken from Search Resp.

"pi":Product info

"pid" : Product Id , taken wrt to Plan Id from search resp

pn :Product name

Ip :Insurance Provider Name (ABHI)

aps: List of Assistance Provider(AAI,BOXX)

rname: Region name

pbft Product benefits information

bv Visibility of the benefit (ON_BANNER, ON_COMPARE).

name Benefit name

type Benefit type (ASSISTANCE, INSURER).

bfp :- benefit provider

dsc: description if any

iti : Insurance Traveller Info

List of travelers for whom the insurance search is being performed, for the search API we require o age

Id : traveler no.

"Dob" Date of birth of the traveler (format:YYYY-MM-DD).

Age of the traveler.
Fn First name of the traveler.
Ln Last name of the traveler.
Isio Insurance opted (optional)
Eid Email ID of the traveler.
Pnum Passport number of the traveler.
Gen Gender of Traveller
Ni Nominee information **"nn"** Name of the nominee.

Ifc Insurance fare component

SPGST Selling Price GST
AC Agent Commission
SP Selling Price
TF Total Fare
ACTDS Agent Commission TDS
NF Net Fare

"policyId": Unique Travel Policy Id generated per traveller

*** **isq & iti** are again repeated and can be ignored.

BOOKING DETAILS API-FAQs :

- **Is this API idempotent ? can it be safely called multiple times?**

  - API is not idempotent; each hit will return a unique response .
    Yes, it can safely be called multiple times .

- **What fields are guaranteed in the response regardless of provider (e.g. bookingId, amount, status)?**

  - Email ID, contact number , gender, policyId

- **Are optional fields like additionalInfo, fd.ifc, and iti.policyId always returned even if empty or zeroed?**

  - No , as they are never empty

- **Does the response provide a history of status changes (e.g. CREATED ,SUCCESS), or only the final status?**

  - Response includes both **status history** and final status.

- **Can a booking be retrieved using alternate identifiers like policyId, email, or passport number**

  - Bookings can currently be retrieved **only via booking ID** in API.
  - Policy ID can be used in **Manage Cart** via TripJack Portal

Raise-Amendments API

This API retrieves the details of a completed insurance booking using the bookingId returned after a successful booking.

Method - POST
API - /oms/v1/ins/amendment/raise

Raise Amendments Request Payload -

```
{
"amendmentId": "",
  "bookingId": "TJS70010000707761",
  "type": "CANCELLATION",
  "travellerKeys": {
    "isid8397749008_0_regular": {
      "ABHI-PLAN_100_CLASSIC-WW-AAI": [
        { "id": 1 } ]
    }
  }
}
```

Amendment API Request Verbose -

Key	Description
Amendment id	
Booking Id	Booking ID for which cancellation needs to raised
type	Type of amendment **travellerKeys:** includes plan id & product info id **"Isid0219009173_0_regular :-** plan id differs for each booking and can be retrieved from , Book Details API **ABHI-PLAN_250-WW-AAI-BOXX** :- Product id , for each booking and can be retrieved Booking Details API **"id": 1** **"Pax ID"**

Raise Amendments API Response -


```
{
  "amendmentItems": [
    {
      "amendmentId": "060000729805",
      "bookingId": "TJS70850000729798",
      "status": "REQUESTED",
```

```
        "amount": -1610.00,
        "partnerId": "0",
        "orderType": "INSURANCE"
      }
    ],
    "insuranceCancellationResponse": {
      "iif": {
        "pli": [
          {
            "plid": "isid9679980587_0_regular",
            "pi": [
              {
                "pid": "ABHI-PLAN_100-WW-AAI-BOXX",
                "pn": "$100,000",
                "pi": "Gold Plus",
               “ip”  : "ABHI",
                "aps": [
                  "Across Assist",
                  "BOXX" ],
                "rname": "Worldwide",
                "pbft": [
                  {
                    "bv": "POPUP",
                    "name": "Emergency Medical Expenses",
                    "ic": "Medical Covers",
                    "type": "INSURANCE_BENEFIT",
                    "dsc": "For availing immediate emergency medical assistance required on account of any
illness/injury sustained or contracted whilst on a trip. (Deductible $100)",
                    "sumins": "Upto $100,000",
```

```
            "bfp": "ABHI"
        }
        {
            "bv": "BANNER",
            "name": "Cyber Protection Education ",
            "type": "ASSISTANCE_BENEFIT",
            "bfp": "BOXX"
        }
    ],
    "iti": [
        {
            "id": 1,
            "dob": "1965-04-15",
            "age": 60,
            "fn": "arvind",
            "ln": "panwar",
            "isio": true,
            "eid": "arvind.panwar@tripjack.com",
            "pnum": "A2345678",
            "pincode": "123456",
            "gen": "M",
            "ni": [
                {
                    "nn": "Arvind"
                }
            ],
            "fd": {
                "ifc": {
                    "AC": 614.00,
```

```
                "AP": 10.00,
                "BF": 235.26,
                 : 180.90,
                "NF": 1008.28,
                "SP": 1364.41,
                "TF": 1610.00,
                "BXP": 10.00,
                "IMU": 1374.74,
                "CGST": 122.80,
                "SGST": 122.80,
                "ACTDS": 12.28,
                "APGST": 0.00,
                "IPGST": 32.56,
                "SPGST": 245.59,
                "BXPGST": 1.80
            }
        },
        "policyId": "TSON11033814",
        "isbpo": true,
        "optedAddons": {
            "brbServiceNumber": "70850000729798",
            "isBrbJobCompleted": false
        },
        "izt": true
    }
],
"tfd": {
    "ifc": {
        "BF": 235.26,
```

```
                "SGST": 122.80,
                "TF": 1610.00,
                "SP": 1364.41,
                "IMU": 1374.74,
                "CGST": 122.80,
                "IPGST": 32.56,
                "AC": 614.00,
                "APGST": 0.00,
                "ACTDS": 12.28,
                "BXPGST": 1.80,
                "SPGST": 245.59,
                "NF": 1008.28,
                "AP": 10.00,
                "BXP": 10.00,
                 : 180.90
              }
            },
            "ibrbf": false,
            "iesf": false,
            "iboxf": false
          }
        ],
        "pltype": "REGULAR"
      }
    ]
  },
  "ic": 614.00,
  "tmr": 1610.00,
  "insuranceType": "TRIPSAFE"
```

```
},
"status": {
  "success": true,
  "httpStatus": 200}}
```


Raise Amendment API Response Verbose -

Key	Description
amendment Items	**amendmentId:**- amendment id generated which will be passed in Cancellation API "bookingId": Tripsafe Booking ID "Status" :- Raised (The amendment is in raise mode) “Amount” Cancellation amount “Partner id” :- can be ignored "orderType": "INSURANCE" (can be ignored)

"insuranceCancellationResponse":

"iif" :- Insurance Info

plid :-plan id taken from Search Resp.

"pi":Product info

"pid" : Product Id , taken wrt to Plan Id from search resp

pn : Product name

Ip : Insurance Provider Name (ABHI)

aps: List of Assistance Provider(AAI,BOXX)

rname: Region name

iti : Insurance Traveller Info

List of travelers for whom the insurance search is being performed, for the search API we require only age

Id : traveler no.

"Dob" Date of birth of the traveler (format:YYYY-MM-DD).

Age of the traveler.

Fn First name of the traveler.

Ln Last name of the traveler.

Isio Insurance opted (optional)

Eid Email ID of the traveler.

Pnum Passport number of the traveler.

	Gen Gender of Traveller **Ni** Nominee information **"nn"** Name of the nominee. **ifc/tfd** Insurance fare component **SPGST** **Selling Price GST** **AC** **Agent Commission** **SP** **Selling Price** **TF** **Total Fare** **ACTDS** **Agent Commission TDS** **NF** **Net Fare** **"ic": Insurance cancellation** **"tmr": Total amount to be refunded**

RAISE AMENDMENT API-FAQs :

- **What amendment types are supported beyond CANCELLATION? (e.g. traveler correction, plan swap)**

- Only **CANCELLATION** is supported currently.

- **How is a partial cancellation structured in the request payload ?**

- Handled by modifying the id field under the respective product ID and traveler.


```
{  "amendmentId": "",
   "bookingId": "TJS70850000729798",
   "type": "CANCELLATION",
    "travellerKeys": {
    "isid9679980587_0_regular": {
     "ABHI-PLAN_100-WW-AAI-BOXX": [
                { "id": 1 }
        ]}}
}
```


- **Is there a time limit post-booking within which amendments must be raised?**

- Amendments must be raised **at least 24 hours before coverage start date**.

- **How is the refund amount calculated? Is there a breakdown of the amount returned in the response?**

- TripSafe cancellation is only allowed up to 24 hours before coverage. No breakdown currently in API.

CANCELLATION API-

This API is used to cancel the booking with amendment Id.

Method - POST

API - /oms/v1/ins/amendment/confirm-insurance-cancellation

Cancellation API Request Payload

```
{
  "amendmentId": "id",
  "bookingId": "TJS70010000707761",
  "type": "INSURANCE_CANCELLATION",
  "travellerKeys": {
    "isid7153520427_0_REGULAR": {
      "ABHI-PLAN_100-WW-AAI": [
        {
        "id": 1
        }
      ]
    }
  }
}
```

Cancellation API Request Verbose -

Key	Description
Amendment id	Amendment id received from Raise API
Booking Id	Booking ID for which cancellation needs to raised

type	Type of amendment **travellerKeys:** includes plan id & product info id **"Isid0219009173_0_regular :-** plan id differs for each booking and can be retrieved Booking Details API **"id": 1** **"Pax ID"**

Cancellation API Response-


```
{
  "amendmentItems": [
    {
      "amendmentId": "060000729805",
      "bookingId": "TJS70850000729798",
      "status": "SUCCESS",
      "partnerId": "0",
      "orderType": "INSURANCE"
    }
  ],
  "insuranceCancellationResponse": {
    "iif": {
      "pli": [
        {
          "plid": "isid9679980587_0_regular",
```

```
"pi": [
  {
    "pid": "ABHI-PLAN_100-WW-AAI-BOXX",
    "pn": "$100,000",
    "pi": "Gold Plus",
    “ip”  : "ABHI",
    "aps": [
      "Across Assist",
      "BOXX"
    ],
    "rname": "Worldwide",
"pbft  {   :  },
        "policyId": "TSON11033814",
        "status": "CANCELLED",
        "isbpo": true,
        "optedAddons": {
          "brbServiceNumber": "70850000729798",
          "isBrbJobCompleted": false
        } "izt": true
      }
    ],
    "tfd": {
      "ifc": {
        "SPGST": 245.59,
       "CGST": 122.80,
        "AC": 614.00,
        "SP": 1364.41,
```

```
                    : 180.90,
            "BXP": 10.00,
                    "NF": 1008.28,
                    "ACTDS": 12.28,
                    "BXPGST": 1.80,
                    "TF": 1610.00,
                    "SGST": 122.80
                }
            },
            "ibrbf": false,
            "iesf": false,
            "iboxf": false
          }
        ],
        "pltype": "REGULAR"
      }
    ]
  },
  "ic": 614.00,
  "tmr": -1610.00,
  "insuranceType": "TRIPSAFE"
},
"status": {
  "success": true,
  "httpStatus": 200
}
}
```

Cancellation API Response Verbose -

Key	Description
amendment Items	**amendmentId:**- amendment id generated which will be passed in Cancellation API "bookingId": Tripsafe Booking ID "Status" :- Raised (The amendment is in raise mode) “Amount” Cancellation amount “Partner id” :- can be ignored "orderType": "INSURANCE" (can be ignored)
"insurance Cancellation Response":	**“iif” :- Insurance Info** **plid :-plan id taken from Search Resp.** **"pid" : Product Id , taken wrt to Plan Id from search resp** **pn :**Product name **Ip :**Insurance Provider Name (ABHI) **aps:** List of Assistance Provider(AAI,BOXX) **rname:** Region name **pbft** Product benefits information

	iti : Insurance Traveller Info List of travelers for whom the insurance search is being performed, for the search API we require only age **"policyId" :- Unique Policy Id** **"status": "CANCELLED", (Final status of booking** **ifc/tfd** Insurance fare component **SPGST Selling Price GST** **AC Agent Commission** **SP Selling Price** **TF Total Fare** **ACTDS Agent Commission TDS** **NF Net Fare** **"ic":** Insurance cancellation **"tmr":** Total amount to be refunded

CANCELLATION API-FAQs :

- **Can multiple amendment IDs be passed and cancelled in one request?**

  - Not supported. One amendment ID per request.

- **What is the behavior if the amendment ID is invalid or already processed?**

  - Status will be returned as **REJECTED**.

- **Is the cancellation process reversible? Can an accidental cancellation be rolled back?**

  - Cancellation is not reversible.

- **What status values can be expected in the response (e.g. PENDING, SUCCESS, FAILED)?**

  - Only **REJECTED** is currently returned.

EMBEDDED API INTEGRATION

A. External Embedded Flow (Non-TripJack Flight Bookings)

1. Overview

This flow enables API partners to offer TripSafe insurance for flight bookings made outside TripJack, without requiring a TripJack Air Booking ID (bid).

It is designed for partners using multiple flight suppliers, allowing seamless insurance attachment irrespective of the flight source.

---

2. Channel Configuration

To enable this flow, pass the following field in the Search API request:

```JSON
"ict": "API_EMB"
```

---

3. Key Integration Guidelines

1. **Channel Identifier**
   - Mandatory: `"ict": "API_EMB"` must be passed in the Search API request
2. **AIR Booking ID Handling**
   - `bid` is NOT required for this flow
   - Do NOT pass `bid` in the Search request
3. **API Behavior**
   - Search API: Requires addition of `ict`
   - Review API: No change
   - Booking API: No change
   - Booking Details API: No change
   - Amendment API: No change
   - Cancellation API: No change
4. Traveller & Trip Data
   - All traveller and trip details must be passed as per the standard API contract

---

4. Integration Flow

Step 1: Insurance Search API

- Endpoint: `/insurance/v1/searchquery-list`
- Include: **ict: "API_EMB"**
- Do not include `bid`

```
{
    "isq": {
        "sd": "2026-04-01",
        "ed": "2026-04-15",
        "isc": {
            "iri": [
                {
                    "rkey": "TH",
                    "rt": "COUNTRY"
                }
            ]
        },
        "iti": [
            {
                "age": 30
            }, ],
        "ict": "API_EMB" // ← only addition needed
    }}
```

Step 2: Insurance Review API

- Select `plid` and `pid` from Search response
- Call Review API as per standard flow

Step 3: Booking API

- Submit traveller details and payment information
- No flight reference required

Step 4: Post-Booking APIs

- Booking Details, Amendments, and Cancellation APIs remain unchanged

---

B. Embedded Flow (TripJack Air Booking)

Existing flow remains unchanged and continues to require TripJack AIR Booking ID for insurance attachment.

Step 1: AIR Search API → AIR Review API

- Trigger a **Flight Search API** request to get available price id's.
- Select a flight/price id and call the **AIR Review API** to retrieve price detail.

Step 2: Insurance Search → Review API

- From the **Insurance Search API** response, choose the required:
  - **PID (Product ID)**
  - **IID (Insurer ID)**
- Call the **Insurance Review API**, passing:
  - The selected **PID** and **IID**
  - The corresponding **Air Booking Review ID** obtained in Step 1.

Step 3: Insurance Review API→ AIR BOOK API

- From the **Insurance Review API** response, Note the below
  - **Insurance Total Fare ,**
  - **AIR Booking ID**

- Call the **AIR BOOK API** , passing:

  - The selected AIR PRICE + INS PRICE to be passed in "amount"
  - The corresponding **Air Booking Review ID** obtained in Step 1.

Step 4: AIR BOOK API → AIR BOOKING RETRIEVE API

- From the **AIR BOOK API** response, fetch the booking id, and retrieve the same,
- IN this response under the ipi tag we get the INS BOOKING ID

1. Embedded INS Search API

Sample Request Payload -

```
{
    "isq": {
        "sd": "2025-10-31",
        "ed": "2025-11-30",
        "isc": {
            "iri": [
                {
                    "rkey": "IN",
                    "rt": "COUNTRY"
                },
                {
                    "rkey": "AE",
                    "rt": "COUNTRY"
                }
            ]
        },
```

```
            "iti": [
                {
                    "id": 1,
                    "age": 39,
                    "dob": "1986-04-01",
                    "ti": "",
                    "fn": "",
                    "ln": "",
                    "eid": "",
                    "cnum": "",
                    "pnum": "",
                    "pnan": "",
                    "isio": true
                }
            ],
            "isp": {
                "pht": "REGULAR"
            },
            "isef": true
        },
        "bid": "TJS11580000738782" // Air Booking Id received in the AIR REVIEW
       RESP.}
```

2. Embedded INS REVIEW API

Sample Request Payload

```
{
    "iid": "isid6775429683_0_regular",
    "pid": "ABHI-PLAN_75-ASIA-BOXX-AAI_8-ZETEXA-BRB",
    "refid": "TJS11890000738898", //AIR booking id
    "sd": "2025-10-31",
    "ed": "2025-11-30",
    "iti": [
        {
            "ti": "MrS",
            "fn": "MEENAl",
            "ln": "SINGH",
            "age": 39,
            "id": 1,
            "eid": "anandini.vaidya@tripjack.com",
            "cnum": "9810961535",
            "isio": true,
            "dob": "1987-09-09"
        }
    ]
}
```

3. Embedded AIR BOOK API

- **Fetch the AIR BOOK API , & in the amount include the sum of Flight & INS Amount .**

Terms & Conditions – External Embedded Flow (API_EMB)

1. **Applicability**
   This flow is applicable only for insurance bookings made in conjunction with flight bookings outside the TripJack platform.

2. **Channel Usage**
   The External Embedded flow must be triggered using:
   `"ict": "API_EMB"` in the Search API request.

3. **Exclusive Embedded Plans (Class Super)**

   - Plans categorized as **Exclusive Embedded (Class Super)** are **intended to be sold only as part of the embedded journey**.
   - These plans are designed to be offered alongside a flight booking (embedded use case).

4. **Standalone Usage**

   - No strict system validation is enforced to restrict the sale of these plans as standalone.
   - However, partners are **expected to adhere to the intended usage** and avoid selling such plans outside the embedded context.

5. **Compliance Responsibility**

   - It is the responsibility of the API partner to ensure correct usage of plan types in accordance with the defined flow.
   - Any deviation from the intended usage may include reconciliation processes.

STUDENT API INTEGRATION -

Introduction of new types of Travel Insurance plans designed specifically for the students travelling abroad for education over a longer duration.

3 new plans !!

- TripSafe Student Gold ($100,000 Cover)
- TripSafe Student Platinum ($250,000 Cover)
- TripSafe Student Titanium ($500,000 Cover)

Add this to your search , to make it a student plan

"ict": "STUDENT", //insurance channel type

"cd": "180" // coverage duration (30,60,90,180/360/730/1095)

Important Note

- **Eligible Age Group: 18 to 45 years only**
- **Available Coverage Durations: the below values to be filled in "cd"**
  - 6 Months – 180 days
  - 1 Year – 365 days
  - 2 Years – 730 days
  - 3 Years – 1095 days

APIs Included

- **Search API** – Student plan search functionality
- **Review API** – *Same as existing implementation; no changes required*
- **Book API** – Student plan booking functionality

Student Search API

Sample Request Payload -

```
{
    "isq": {
        "sd": "2025-12-26",
        "cd" : "180"
        "isc": {
            "iri": [
                {
                    "rkey": "US",
                    "rt": "COUNTRY"
                }
            ]
        },
        "iti": [
            {
                "age": 20
            },
            {
                "age": 29
            }
        ],

        "ict": "STUDENT"  //Insurance Channel type,

    }
}
```

Request Verbose :

Key	Description
sd	Start date of the insurance coverage (format: YYYY-MM-DD).
cd	Coverage Duration
isc	Insurance search criteria, which includes region information. **iri :** Region details where the insurance will be applicable **rn :** Name of the region (e.g., "Europe", "Asia", “India”, “USA”) **rt :** Type of region (e.g., "Country", "Continent") **iti :** List of travelers for whom the insurance search is being performed, for the search API we require only age **Age:** Age of the traveler. **"ict" :- Insurance channel type** `"ict": "STUDENT",`

Student API Response -

NOTE :- The following fields may appear in the Search API response but are **non-functional for student flow** and should be ignored

- isef
- pci
- adr


```
{
    "isq": {
        "sd": "2025-12-27",
        "ed": "2026-08-23",
        "isc": {
            "iri": [
                {
                    "rkey": "AU",
                    "rt": "COUNTRY"
                },
                {
                    "rkey": "FR",
                    "rt": "COUNTRY"
                },
                {
                    "rkey": "UA",
                    "rt": "COUNTRY"
                },
                {
                    "rkey": "GB",
                    "rt": "COUNTRY"
                }
            ]
        },
```

```
            "pisc": {
                "iri": [
                    {
                        "rkey": "AU",
                        "rt": "COUNTRY"
                    },
                    {
                        "rkey": "FR",
                        "rt": "COUNTRY"
                    },
                    {
                        "rkey": "UA",
                        "rt": "COUNTRY"
                    },
                    {
                        "rkey": "GB",
                        "rt": "COUNTRY"
                    }
                ]
            },
            "iti": [
                {
                    "age": 21
                },
                {
                    "age": 23
                },
                {
                    "age": 45
```

```
            }
        ],
        "isef": false,
        "searchId": "isid2348922435",
        "ict": "STUDENT",  //insurance channel type
        "adr": 0,
        "pci": {
            "student_platinum": 43,
            "student_silver": 43,
            "student_gold": 43
        }
    },
"isr": {
        "iinfo": {
            "pli": [
                {
                    "plid": "isid2348922435_0_regular",
                    "pi": [
                        {
                            "pid": "ABHI-PLAN_250_STUDENT-XUSC-AAI_STD",
                            "pn": "$250,000",
                            "pi": "Student Platinum",
                            “ip”: "ABHI",
                            "aps": [
                                "AAI STD"
                            ],
                            "rname": "Worldwide excluding US & Canada",
                            "pbft": [
                                {
```

```
                                "bv": "POPUP",
                                "name": "Tracking",
                                "type": "ASSISTANCE_BENEFIT",
                                "dsc": "Report mishandled baggage to the
airline and get a File Reference Number. Report this to Blue Ribbon Bags
within 24 hours.",
                                "bfp": "BRB_STD"
                            },
                            :  },
                            :
                            : ],
                        "pfd": {
                            "ppd": {
                                "ppdf": {
                                    "240": [
                                        {
                                            "age": 21,

                                        "ifc": {
                                        "APGST": 15.10,
                                        "AC": 3822.00,
                                        "TF": 8200.00,
                                       "SPGST": 1250.85,
                                         "ACTDS": 76.44,
                                         "NF": 4454.44
                                            }
                                        },
                                        {
                                            "age": 23,
                                            "ifc": {
```

```
                                                "AC": 3822.00,
                                                "TF": 8200.00,

                                                "SPGST": 1250.85,
                                                "ACTDS": 76.44,
                                                "NF": 4454.44
                                            }
                                        },
                                        }
                                    ]
                                }
                            }
                        },
                        "ibrbf": false,
                        "iesf": false,
                        "iboxf": false,
                        "comm": 55,
                        "ptf": 9050
                    },
```


Student Search Result Verbose

Key	Description
sd	Start date of the insurance coverage (format: YYYY-MM-DD).
ed	End date of the insurance coverage (format: YYYY-MM-DD). i) 6 Months – 180 days ii) 1 Year – 365 days iii) 2 Years – 730 days iv) 3 Years – 1095 days

isc	Insurance search criteria, which includes region information. **iri :** Region details where the insurance will be applicable **rkey: Name of Country opted to study (France,Australia,Canada,Europe,Asia)** **rt :** Type of region (e.g., "Country", "POPULARREGION") **pisc**: Product insurance search criteria **rkey:** Name of the region (e.g., "Europe", "Asia", “India”, “USA”) **rt :** Type of region (e.g., "Country", "Continent") **iti :** List of travelers for whom the insurance search is being performed, for the search API we requi only age **age:**Age of the traveler. **"searchId":** Unique search id for every search result

	"ict" :- Insurance channel type `"ict": "STUDENT",`

"isr" : Insurance search result

iinfo : insurance info

pli list of plan info
plid :- plan id
pi :- product info

pi :- Product info

pid : Product ID.
pn : Product name
pi productIdentifier ($50k Travel cover, $100k Travel Cover)
Ip : Insurance Provider Name (ABHI)
aps: List of Assistance Provider(AAI,BOXX)
rname: Region name
pbft Product benefits information

Pfd : Product fare details

Ppd :- Contains per day price of each age type traveller
Ppdf : day number to age wise fare component.
Ifc : Insurance fare component

pbft : Product Benefit

bv Visibility of the benefit (ON_BANNER, ON_COMPARE).
name Benefit name
type Benefit type (ASSISTANCE, INSURER).
bfp :- benefit provider
dsc: description if any

Ifc Insurance fare component

AC Agent Commission
TF Total Fare
ACTDS Agent Commission TDS
NF Net Fare

The below keys may vary in value according to plan opted (Gold,Silver,Platinum etc)

`"ibrbf": false/true,` Isbrb free
`"iesf": false,` Is esim free
`"iboxf": false,` Is BOXX free
`"comm": 55,` Commission

	"ptf": 9050 Plan total fare

Student Book Request API


```
{
    "bookingId": "TJS70480000740917",
    "paymentInfos": [
        {
            "paymentMedium": "WALLET",
            "amount": 27350
        }
    ],
    "deliveryInfo": {
        "emails": [
            "anandini.vaidya+4@tripjack.com"
        ],
        "contacts": [
            ""
        ]
    },
    "pli": [
        {
            "plid": "isid4896472750_0_regular",
            "pi": [
                {
```

```
"pid": "ABHI-PLAN_250_STUDENT-XUSC-AAI_STD-BRB_STD",
"iti": [
    {
        "dob": "2003-03-25",
        "age": 22,
        "fn": "Deepa",
        "ln": "SINHA",
        "eid": "anandini.vaidya+4@tripjack.com",
        "pnum": "KJHGF123",
        "gen": "female",
        "ti": "Ms",
        "cnum": "9090909090",
        "ni": [
            {
                "nn": "Legal Heir",
                "nr": "LEGAL HEIR"
            }
        ],
        "sc": {
            "cn": "Computer Science",
            "cdm": 24,
            "un": "XYZ University",
            "uc": "New York",
            "sn": "John Doe",
            "sdob": "1975-08-15",
            "sr": "Legal Heir",
            "se": "johndoe@example.com"
        }
    }]
```

```
                                        }]}
        ]
    }
```

Student Book Request Verbose

Key	Description
Booking id	Booking Id :- unique id received in the review response
paymentInfos	Payment Information **"paymentMedium" :- " Mode of payment i.e Wallet** **"amount" :- TripSafe Insurance Amount**
pli	**list of plan info** **plid :-plan id taken from Search Resp.** **"pi":Product info** **"pid" : Product Id , taken wrt to Plan Id from search resp** **"iti" Insurance Traveller information** **"Dob"** Date of birth of the traveler (format:YYYY-MM-DD).

Age of the traveler.

Fn First name of the traveler.

Ln Last name of the traveler.

Eid Email ID of the traveler.

Pnum Passport number of the traveler.

Gen **gender of Traveller** (M / F)

Ni

"nn" Name of the nominee.

"nr" Relationship between the traveler and the nominee.

```
"sc":  student course
  "cn": "Computer Science",   // course name
  "cdm": 24, // CourseDurationMonths
    "un": "XYZ University" //UniversityName
    "uc": "New York", //UniversityCity
    "sn": "John Doe", //SponsorName
    "sdob": "1975-08-15" //SponsorDOB
    "sr": "Legal Heir" //SponsorRelation
```

	"se": "johndoe@example.com" //SponsorEmail

NOTE :- All other APIs, including the Review API and Booking Details API, remain unchanged and continue to operate as standalone APIs.

ANNUAL MULTI TRIP (AMT) API INTEGRATION -

Annual Multi Trip Insurance, provides **coverage for unlimited trips** taken during a **12-month period**. Allows one-time purchase for a year, avoiding repetitive policy buying.

2 new plans !!

- TripSafe Titanium Annual ($500,000 Cover).
- TripSafe Platinum Annual ($250,000 Cover).

Add this to your search ,to make it an AMT plan

```
"ict": "amt"
```

Important Note

- Coverage for **(30/45/60/90 days)** respectively.
- Region will have the 2 options: **Worldwide(WW)** and **Worldwide excl US & Canada(XUSC)**

APIs Included

- **Search API** – AMT plan search functionality
- **Review API** – *Same as existing implementation; no changes required*
- **Book API** – AMT plan booking functionality

AMT Search API

Sample Request Payload -


```
{
    "isq": {
        "sd": "2025-12-20",
        "ed": "2026-12-19",
        "isc": {
            "iri": [
                {
                    "rkey": "MDE",
                    "rt": "POPULARREGION"
                },
                {
                    "rkey": "EUR",
                    "rt": "POPULARREGION"
                },
                {
                    "rkey": "SCH",
                    "rt": "POPULARREGION"
                },
                {
                    "rkey": "ASI",
                    "rt": "POPULARREGION"
                }
            ]
        },
        "iti": [
            {
```

```
                "age": 4
            }
        ],
        "isef": false,
        "ict": "AMT",
        "adr": "45"  }}
```

Request Verbose :

Key	Description
sd	Start date of the insurance coverage (format: YYYY-MM-DD).
ed	End date of the insurance coverage (format: YYYY-MM-DD).
isc	Insurance search criteria, which includes region information. **iri :** Region details where the insurance will be applicable **rkey :** Name of the region (e.g., "Europe", "Asia", “India”, “USA”) **rt :** Type of region (e.g., "Country", "Continent") **iti :** List of travelers for whom the insurance search is being performed, for the search API we require only age **Age:** Age of the traveler.

	"ict" :- Insurance channel type `"ict": "amt" //annual multi trip`

NOTE :- **All other APIs, including the Review API, Book API and Booking Details API, remain unchanged and continue to operate as standalone APIs.**

4. API Request Validation Rules for TripSafe Integration -

Please ensure the following validations are in place:

- **Age Restriction**: Searches for travellers above **70 years of age** are not permitted.
- **Restricted Countries**: Searches involving the following **blacklisted countries** are disallowed: **Myanmar(MM), Iran(IR), North Korea(NK)**.
- **Date Range Limit**: Coverage **duration must not exceed 90 days**.
- **Traveller Limit**: A maximum of **10 travellers** is allowed per search request.
- **Cancellation Policy**: TripSafe can be **cancelled up to 24 hours prior** to the coverage start date.

Service Level Agreement (SLA)

1. **Performance & Availability**

Category	Metric	SLA Commitment
Availability	System Uptime	**99.9% availability**
Rate limiting (RPM)	Request Per Minute	40 RPM

2. **API Response Time Commitments**

API	Expected Response Time
Search API	< 200 ms
Review API	< 500 ms
Booking API	< 1 seconds

Booking Details API	< 700 ms
Amendment API	< 1 seconds
Cancellation API	< 1 seconds
Modify review API	<700ms

Timeout Configuration

API Category	Timeout Value
Insurance APIs	60 seconds
Air Book API (Embedded Flow)	60 seconds

Support & Incident Management

P	Critical (Total outage)	< 30 mins
P	High (Major feature broken)	1-2 hrs
P	Moderate (Minor feature broken)	< 6 hrs
P	Minor (Non blockers)	Part of dev sprints

5. UAT Certification (Test Cases)

Search Matrix & Test Coverage

Journey Type	Region Allowed	Country Allowed	Date Logic	Duration Rule
Standalone	Yes	Yes	Start Date – End Date	Flexible (Max 180 days from Start Date)
Student	No	Country Only	Start Date + Coverage Duration	30 / 60 / 90 / 120 / 180 / 240 / 270 / 365 / 735 Days
AMT	Region Only	No	Start Date + Fixed Duration	30 / 45 / 60 Days Only
Embedded (One Way Air)	Yes	Yes	Departure Date	Departure Date + 180 Days Max
Embedded (Round Trip Air)	Yes	Yes	Departure – Arrival Date	As per flight itinerary

Popular Region Mapping -

rkey (Region name)	Region
MDE	Middle East
EUR	Europe
SCH	Schengen
USC	USA/Canada
ASI	Asia

Region Payload Format -

All Region-based searches must follow the below payload structure:

```
{ "rkey": "MDE", "rt": "POPULARREGION" }
{ "rkey": "EUR", "rt": "POPULARREGION" }
{ "rkey": "SCH", "rt": "POPULARREGION" }
{ "rkey": "USC", "rt": "POPULARREGION" }
{ "rkey": "ASI", "rt": "POPULARREGION" }
```

Worldwide (WW)

Includes: - MDE,EUR,SCH,ASI,USC

Worldwide Excluding US & Canada (XUSC)

Includes: - MDE,EUR,SCH,ASI (Excludes USC)

Tripsafe Glossary :-

rkey :	Name of the region (e.g., "Europe", "Asia", “India”, “USA”)
rt :	Type of region (e.g., "Country", "Continent")

UAT Test Cases –

4.1 Search Flow

TC ID	Journey Type	Search Type	Destination (Payload Format)	Start Date	End Date / Duration	Traveller Ages	Plan Selected
01	Standalone	Popular Region	{ "rkey": "EUR", "rt":"POPULARREGION" }	Today + 5	Valid	30, 65, 12	Tripsafe Gold Plus
02	Standalone	Country	{ "rkey": "US", "rt": "COUNTRY" }	Today + 5	Today + 180	22, 5, 3, 45, 56, 67	Tripsafe Platinum
03	Student	Country Only	{ "rkey": "MY", "rt": "COUNTRY" }	Today + 5	30 / 90 (Duration Based)	40, 18	Tripsafe Student Gold
04	Embedded	Region	{ "rkey": "MDE", "rt": "POPULARREGION" }	As per Air Search	As per Air Search	35, 40, 60	Tripsafe Classic Super
05	AMT	Region Only	WW or XUSC Mapping	Today + 5	30 / 45 / 60	Valid	Tripsafe Platinum Annual

4.2 Standalone – Book Scenarios

01. Perform a standalone search covering any **3 countries**, with a **coverage duration of 5 days, for 4 travellers (ages as per choice).**

02. Perform a standalone search covering **2 Popular Regions**, with a **coverage duration of 90 days**, for **10 travellers (ages as per choice)**.

4.3 .Student – Book Scenarios

01. Perform a Student search covering **1 Country only**, with **Start Date + 180 days duration**, for **1–3 travellers (Age 18–45)**.

02. Perform a Student search covering **1 Country only**, with **Start Date + 365 days duration**, for **multiple travellers within eligibility criteria**.
Note:-

- End Date should not be passed separately. (pass in cd)
- Age must be within 18–45.

4.4. AMT(Annual Multi Trip) – Book Scenarios

01. Perform an AMT search covering **1 Popular Region**, with **Start Date + 30 days fixed duration**, for **4 travellers**.

02. Perform an AMT search covering **1 Popular Region**, with **Start Date + 60 days fixed duration**, for **8 travellers**.

Note:-

- Duration must strictly be 30 / 45 / 60 days.
- Any other duration should return validation error.
-

4.5 Embedded – Book Scenarios

01. Perform an Embedded (One Way Air) search where Start date is the departure date and end date is +90 days .

02. Perform an Embedded (Round Trip Air) search where insurance coverage strictly matches Departure and Arrival dates from flight itinerary.

Final Validation & Compliance Notes

1. All **region** mappings must strictly follow API contracts.
2. **Journey-type** restrictions must be validated at API layer.
3. **Duration validation** must be enforced as per journey rules.
4. Please provide Request & response for all methods that you are implementing.
5. Certification request by API Partner (API Partner makes a certification request by providing JSON Request/ Response along with confirmation numbers for the test cases)
6. **Test Cases Verification** - will verify the test cases using JSON Request/ Response and suggest, if there is any change required. The turnaround time for the test case verification is around 1-2 working days.
7. **Sign off and Live access -** On successful completion of all the above steps, Tripjack.com will give sign off and provide Live access details to the client. It is strongly recommended that the API Partner also completes their UAT before making the services live at their end.

Going Live Steps :

Certification Process

Clients must provide all the test cases mentioned in the document.

- Logs should be in json format.
- No modification in logs should be there.
- API Key also needs to be attached along with the logs.
- There should be different files for each request and response.
- Passenger Name should be proper. (TBA, Test cannot be passed for certification)

Error Responses -

HTTP Code	Message	Reason	Response
400	Bad Request	Missing required field	{“error” : “missing age”}
401	Unauthorized	Invalid API Key	{“error” : “unauthorized”}
403	Unauthorized	Invalid Token	{“error” : “Invalid Token”}
500	Internal Server Error	System Issue	{“Error”: something went wrong}

*** Below error are thrown in case of Incorrect dates, plan id , product id which may differ from search to book ,

*** Please note the plan id & Product id need to be consistent from Search response to Book Request else the below error shall be thrown .

```
1.{  "errCode": "400",
     "message": "Bad Request",
     "details": "Invalid productId" }
2. "No insurance search results found."
```

*** In case of multi-pax search if extra or fewer travelers are submitted in the Booking API compared to the Review request API the below is thrown

```
"errors": [{  "errCode": "1134",
              "message": "Please update details for every pax",
              "details": "invalid traveller count provided for plan idisid1077830193_0_regular"}]
```

6. Security & Usage Guidelines:

- Keep API keys secure.
- Response payload can have more keys, Consume keys which are mentioned above in API response.
- If keys are exposed, regenerate your keys.
- Do not hardcode credentials in code.