Transparency In Payments

TIP Upfront Validation API

October 2021
How does it work?

1. Enrolls
2. Consents
3. Checks
4. Reports
5. Reports
6. Bilateral discussion
TIP – UPFRONT VALIDATION

- 2 options
  - Stand alone TIP Upfront Validation API
  - Through IFG (IATA Financial Gateway)
TIP Upfront Validation API

Process Flow

High-level Process Diagram

- Trigger: External system calls TIP UV API
  - Technical System Requirements Checks
    (Key System Controls)
  - Log successful Log in attempt
  - Business Prerequisite Checks
    (Key Business Controls)
  - Log successful Login attempt
  - TIP Airline Consent Checks
    (Key TIP Controls)
  - TIP UV API answer
  - Authorize ticket issuance
  - Ticket issued

Airline decision: 

Airline Systems
Detailed Process Flow (Current Scope): Airline

Trigger: External system calls TIP UV API

- System available?
  - Yes → Store transaction request → Log successful login attempt → Answer to external caller
  - No → Log unsuccessful log in attempt → Answer to external caller

- Authentication Successful?
  - Yes → Log successful login attempt → Answer to external caller
  - No → Log unsuccessful log in attempt → Answer to external caller

Technical System Requirements Checks (Key System Controls)

- System available?
  - Yes → Store transaction request → Log successful login attempt → Answer to external caller
  - No → Log unsuccessful log in attempt → Answer to external caller

- Authentication Successful?
  - Yes → Log successful login attempt → Answer to external caller
  - No → Log unsuccessful log in attempt → Answer to external caller

Business Prerequisite Checks (Key Business Controls)

- The provided airline must match the airline of the user
  - Yes → Proceed to TIP Validations
  - No

- Airline participates in BSP Country of transaction?
  - Yes
  - No

- Calling agent code matches existing agent IATA code?
  - Yes
  - No

- Calling agent has ticketing authority?
  - Yes
  - No

TIP Validations (Key TIP Controls)

- Form of Payment Found in TIP DB?
  - Yes → Send Answer to external caller
  - No

- IS ATM Product enrolled?
  - Unenrolled
    - No
    - Yes → API Response: Not Authorized (No Consent)
      - Authorize ticket issuance
      - Ticket issued
      - Reject transaction
      - Ticket not issued

Legend:
- Happy Path
- Suboptimal Outcome
- Not Authorized
TIP Upfront Validation API Documentation

- Technical Spec Beta version (live)
- Test Charter ([contact IATA](https://www.iata.org) for details)
QUESTIONS?

For any information about the IATA TIP API, please contact IATA Customer Service.