

Efeedor HIS Integration Guide

1. About the Efeedor HIS API

The Efeedor HIS API allows hospitals to seamlessly integrate their Hospital Information System (HIS) with Efeedor's patient engagement platform. Through this integration, hospitals can automatically send patient admission, discharge, and treatment data to Efeedor for feedback collection, analytics, and reporting.

This ensures improved data consistency, real-time insights, and streamlined workflows.

2. Integration Guidelines

Integration is done by pushing patient data from the hospital's HIS to Efeedor's API.

There are two integration models supported:

- Push Model (Recommended): HIS system sends data via HTTPS to Efeedor's API endpoint.
- Pull Model (Planned): Efeedor periodically queries HIS (requires future setup).

This document focuses on the Push model.

3. API Endpoint & Authentication

API Endpoint:

POST https://hisworkingcopy.efedor.com/api/add_patinet.php

Required Headers:

- Content-Type: application/json
- Token: b2a5e7c9d3f1428c8f57a3e91a6f4f11

Ensure the token is kept confidential. Rotate tokens periodically for security.

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4. JSON Payload Schema

Field Descriptions:

- name (string): Full name of the patient
- hospital_id (string): Unique identifier for hospital
- email (string): Email address
- mobile (string): Contact number (must be unique)
- patient_id (string): Unique ID for the patient
- gender (string): Male/Female/Other
- age (integer): Patient's age
- admittedfor (string): Reason for admission
- ward (string): Ward name
- bed_no (string): Bed number
- admitted_date (datetime): Format 'YYYY-MM-DD HH:MM'
- discharged_date (datetime): Format 'YYYY-MM-DD HH:MM'

5. Example JSON Payload

```
{  
  
  "name": "Jane Doe",  
  
  "hospital_id": "HOSP456",  
  
  "email": "jane.doe@example.com",  
  
  "mobile": "9876543210",  
  
  "patient_id": "PAT123",  
  
  "gender": "Female",  
  
  "age": 29,  
  
  "admittedfor": "General Checkup",
```

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```
"ward": "Ward B",  
  
"bed_no": "B12",  
  
"admitted_date": "2024-11-01 10:00",  
  
"discharged_date": "2024-11-05 15:00"  
  
}
```

6. Example cURL Command

```
curl --location 'https://hisworkingcopy.efeedor.com/api/add_patient.php' \  
  
--header 'Content-Type: application/json' \  
  
--header 'Token: b2a5e7c9d3f1428c8f57a3e91a6f4f11' \  
  
--data-raw '{  
  
  "name": "Jane Doe",  
  
  "hospital_id": "HOSP456",  
  
  "email": "jane.doe@example.com",  
  
  "mobile": "9876543211",  
  
  "patient_id": "PAT1231",  
  
  "gender": "Female",  
  
  "age": 29,  
  
  "admittedfor": "General Checkup",  
  
  "ward": "Ward B",  
  
  "bed_no": "B12",  
  
  "admitted_date": "2024-11-01 10:00",  
  
  "discharged_date": "2024-11-05 15:00"  
  
}'
```

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7. Error Handling

Common HTTP Status Codes:

- 200 OK: Data successfully received
- 400 Bad Request: Malformed JSON or missing fields
- 401 Unauthorized: Invalid token
- 409 Conflict: Duplicate mobile or patient_id
- 500 Internal Server Error: Unexpected issue on server side

8. Security and Compliance

- Always use HTTPS for data transmission.
- Do not expose the token in client-side applications.
- Validate patient identifiers before submission.
- Ensure all fields are properly sanitized to avoid injection attacks.

9. API Response Sample

Success:

```
{  
  
  "status": "success",  
  
  "message": "Patient record added successfully."  
}
```

Failure:

```
{  
  
  "status": "error",  
  
  "message": "Missing required field: patient_id"
```

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}

10. Support

For assistance, reach out to our support team:

- Email: support@efeedor.com
- Subject: HIS API Integration Help
- Include Hospital ID, sample payload, and full request/response logs