

Chatbot API API Reference

Context-aware conversational AI assistant API powered by Google Gemini with company services and navigation awareness.

API Base URL	https://hifisys.com/api/v1/chatbot
Authentication	X-API-Key: YOUR_API_KEY or Authorization: Bearer YOUR_API_KEY
Payload Format	UTF-8 JSON Content-Type: application/json multipart/form-data (for file uploads)
Security Standard	TLS 1.3 Strict Transport Security, Granular OAuth/API Scopes, Leaky-Bucket Rate Limiting

Authentication & Access Keys

All endpoints on the Hifisys API platform require authentication. Include your secret API key in the request header as shown below:

```
curl -X GET "https://hifisys.com/api/v1/chatbot/health" \
-H "X-API-Key: YOUR_API_KEY" \
-H "Accept: application/json"
```

Security Warning: Never expose API keys in client-side mobile apps or single-page browser code. Always route calls through a trusted backend server.

Available Pricing Plans & Quotas

Plan Name	Price	Rate Limit	Monthly Quota	Trial Access	Allowed Scopes
Free Trial	Free Trial	30 req/min	1,000	7 Days	*
Starter	USD 29.00/month	60 req/min	10,000	No	chat:message, chat:history
Business	USD 99.00/month	180 req/min	50,000	No	chat:*
Enterprise	USD 249.00/month	600 req/min	250,000	No	*

Documented Endpoints

POST**/api/v1/chatbot/message**

Scope: chat:message

Send Conversational Message

Dispatches a visitor prompt to the Hifisys conversational knowledge-base assistant and returns AI-generated response with suggested quick replies.

Parameters

Parameter	Type	Required	Description
message	string	Required	User prompt/query text.
session_id	string	Optional	Session ID for multi-turn conversation memory.

cURL Request Example

```
curl -X POST "https://hifisys.com/api/v1/chatbot/message" \
-H "X-API-Key: YOUR_API_KEY" \
-H "Content-Type: application/json" \
-d '{"message":"What web development services do you offer?"}'
```

Verified 200 OK Response

```
{
  "success": true,
  "reply": "Hifisys Tech provides enterprise web development, custom Laravel apps, React/Vue frontends, and API platforms.",
  "quick_replies": [
    "Get a Quote",
    "View Portfolio",
    "Contact Sales"
  ]
}
```

Standard HTTP Status & Error Codes

Status Code	Error Type	Description & Resolution
200 OK	Success	Request executed successfully. Payload returned in <code>data</code> .
201 Created	Resource Created	Entity provisioned or asynchronous job enqueued.
400 Bad Request	Malformed Request	Request syntax error, unparseable JSON, or missing parameters.
401 Unauthorized	Authentication Failure	Missing or invalid <code>X-API-Key</code> header.
403 Forbidden	Scope Insufficient	Key is valid but lacks required scope for this endpoint.
422 Unprocessable	Validation Error	Field format/type validation error. See returned <code>errors</code> array.
429 Rate Limited	Quota Exceeded	Rate limit (RPM) or monthly plan quota exhausted. Back off and retry.
500 Server Error	Internal Error	Unexpected failure logged to Hifisys support telemetry.

Enterprise Security & Support

For technical support, custom quota adjustments, or dedicated cluster deployments, contact Hifisys Engineering:

Support Email: info@hifisys.com Hotline: +91 8890897064	Developer Portal: https://hifisys.com/api-docs Company Portal: https://hifisys.com
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