

HRMS API API Reference

Complete enterprise human resource management API for employee lifecycle, attendance, leaves, payroll, payslips, work logs, and analytics.

API Base URL	https://hifisys.com/api/v1/hrms
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/hrms/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	60 req/min	2,000	7 Days	*
Starter	USD 49.00/month	120 req/min	25,000	No	employees:read, attendance:read, leave:read, leave:write, tasks:read
Business	USD 149.00/month	300 req/min	100,000	No	employees:*, attendance:*, leave:*, payroll:read, payslips:read, tasks:*, worklogs:*
Enterprise	USD 399.00/month	1000 req/min	500,000	No	*

Documented Endpoints

GET

/api/v1/hrms/employees

Scope: employees:read

List Company Employees

Returns a paginated list of company employees with department, designation, and employment status.

Parameters

Parameter	Type	Required	Description
search	string	Optional	Search by name, employee code, or email.
department_id	integer	Optional	Filter by department ID.
status	string	Optional	active, inactive, probation, terminated.

cURL Request Example

```
curl -X GET "https://hifisys.com/api/v1/hrms/employees?status=active" \
-H "X-API-Key: YOUR_API_KEY" \
-H "Accept: application/json"
```

Verified 200 OK Response

```
{
  "success": true,
  "data": [
    {
      "id": 1,
      "employee_code": "EMP-001",
      "full_name": "Sarah Connor",
      "email": "sarah@example.com",
      "department": "Engineering",
      "designation": "Staff Engineer",
      "employment_status": "active"
    }
  ]
}
```

POST**/api/v1/hrms/attendance/clock-in**

Scope: attendance:write

Attendance Clock-In

Records employee punch-in timestamp, location coordinates/mode, and IP address.

Parameters

Parameter	Type	Required	Description
employee_id	integer	Required	Unique employee identifier.
work_mode	string	Optional	office, remote, hybrid. Default: office.

cURL Request Example

```
curl -X POST "https://hifisys.com/api/v1/hrms/attendance/clock-in" \
-H "X-API-Key: YOUR_API_KEY" \
-H "Content-Type: application/json" \
-d '{"employee_id":1,"work_mode":"office"}'
```

Verified 200 OK Response

```
{
  "success": true,
  "message": "Clock-in recorded successfully at 09:00:00.",
  "data": {
    "attendance_id": 124,
    "clock_in": "2026-10-07 09:00:00"
  }
}
```

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
--	--