

Esystematic CRM API Documentation

Global Headers

For all API requests, include these headers:

```
``http
Accept: application/json
Content-Type: application/json
...
```

For authenticated endpoints, add:

```
``http
Authorization: Bearer {your_access_token}
...
```

Base URLs

- Central API: `https://api.esystematic.com/api/v1`
- Corporate API: `https://{tenant-domain}/api/tenants/v1`

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Central API

Authentication

Base URL: `/v1/auth``

Login

```
```bash
curl -X POST https://api.esystematic.com/api/v1/auth/login \
-H "Content-Type: application/json" \
-H "Accept: application/json" \
-d '{
 "email": "admin@example.com",
 "password": "password123"
}'
```
```

Response:

```
```json
{
 "token": "eyJhbGciOiJIUzI1NiIsInR5cE": "...",
 "token_type": "bearer",
 "expires_in": 3600
}
```

...

### ### Verify OTP

```
```bash
curl -X POST https://api.esystematic.com/api/v1/auth/verify-otp \
  -H "Content-Type: application/json" \
  -H "Accept: application/json" \
  -d '{
    "email": "admin@example.com",
    "otp": "123456"
  }'
```
```

### ### Get Current User

```
```bash
curl https://api.esystematic.com/api/v1/auth/me \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```
```

## ## Tenants

### ### List Tenants

```
```bash
```

```
curl https://api.esystematic.com/api/v1/tenants \  
  -H "Authorization: Bearer {your_access_token}" \  
  -H "Accept: application/json"
```

```
```
```

### ### Create Tenant

```
```bash
```

```
curl -X POST https://api.esystematic.com/api/v1/tenants \  
  -H "Authorization: Bearer {your_access_token}" \  
  -H "Content-Type: application/json" \  
  -H "Accept: application/json" \  
  -d '{  
    "name": "Example Corp",  
    "domain": "example.esystematic.com",  
    "admin_email": "admin@example.com"  
  }'
```

```
```
```

## ## Plans

### ### List Plans

```
```bash
```

```
curl https://api.esystematic.com/api/v1/plans \  
  -H "Authorization: Bearer {your_access_token}"
```

```
-H "Authorization: Bearer {your_access_token}" \  
-H "Accept: application/json"  
...
```

Create Plan

```
```bash  
curl -X POST https://api.esystematic.com/api/v1/plans \
-H "Authorization: Bearer {your_access_token}" \
-H "Content-Type: application/json" \
-H "Accept: application/json" \
-d '{
 "name": "Enterprise",
 "price": 299.99,
 "billing_cycle": "monthly",
 "features": ["feature1", "feature2"]
}'
...
```

## # Corporate API

### ## Authentication

Base URL: `/api/tenants/v1/auth`

### ### Login

```
```bash
```

```
curl -X POST https://{tenant-domain}/api/tenants/v1/auth/login \
```

```
-H "Content-Type: application/json" \
```

```
-H "Accept: application/json" \
```

```
-d '{
```

```
  "email": "user@example.com",
```

```
  "password": "password123"
```

```
}'
```

```
```
```

### ### Verify OTP

```
```http
```

```
POST /verify-otp
```

```
```
```

Example request:

```
```json
```

```
{
```

```
  "otp": "123456",
```

```
  "email": "user@example.com"
```

```
}
```

```
```
```

### ### Resend OTP

```
```http
```

```
POST /resend-otp
```

...

Example request:

```
```json
{
 "email": "user@example.com"
}
```
```

Get Current User

```
```http
GET /me
```
```

Requires authentication token

Logout

```
```http
POST /logout
```
```

Requires authentication token

Export and Backup

Base URL: `/api/tenants/v1/exports`

Requires Feature: BACKUP

Export Data

```
```bash
curl https://{tenant-domain}/api/tenants/v1/exports \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Request New Export

```
```bash
curl https://{tenant-domain}/api/tenants/v1/exports/new-request \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

User Management

Base URL: `/api/tenants/v1/users`

List Users

```
```bash
curl https://{tenant-domain}/api/tenants/v1/users \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```

...

### ### List Admins

```
```bash
curl https://{tenant-domain}/api/tenants/v1/users/admins \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```
```

### ### List Agents

```
```bash
curl https://{tenant-domain}/api/tenants/v1/users/agents \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```
```

### ### Create Admin

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/users/admins \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Content-Type: application/json" \
  -H "Accept: application/json" \
  -d '{
```

```
"name": "John Doe",  
"email": "john@example.com",  
"phone_number": "+1234567890",  
"role": "admin"  
}'  
...
```

Create Agent

```
```bash  
curl -X POST https://{tenant-domain}/api/tenants/v1/users/create-agent \
-H "Authorization: Bearer {your_access_token}" \
-H "Content-Type: application/json" \
-H "Accept: application/json" \
-d '{
 "name": "Jane Smith",
 "email": "jane@example.com",
 "phone_number": "+1234567890",
 "role": "agent"
}'
...
```

### ### Update Agent

```
```bash  
curl -X PATCH https://{tenant-domain}/api/tenants/v1/users/agents/{id} \  

```

```
-H "Authorization: Bearer {your_access_token}" \
-H "Content-Type: application/json" \
-H "Accept: application/json" \
-d '{
  "name": "Jane Smith Updated",
  "phone_number": "+1234567891"
}'
...
```

Delete Agent

```
```bash
curl -X DELETE https://{tenant-domain}/api/tenants/v1/users/agents/{id} \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json"
...
```

### ### Create Agent

```
```http
POST /create-agent
...
```

Example request:

```
```json
{
 "name": "Jane Smith",
 "email": "jane@example.com",

```

```
"phone_number": "+1234567890",
"role": "agent"
}
...
```

## **## Lead Management**

Base URL: `/api/tenants/v1/leads`

Requires Feature: CREATE\_LEAD

### **### Create Lead**

```
```bash  
curl -X POST https://{tenant-domain}/api/tenants/v1/leads \  
-H "Authorization: Bearer {your_access_token}" \  
-H "Content-Type: application/json" \  
-H "Accept: application/json" \  
-d '{  
  "first_name": "John",  
  "last_name": "Doe",  
  "email": "john@example.com",  
  "phone": "+1234567890",  
  "source": "website",  
  "interest_level": "high"  
}'  
...`
```

Get Leads

```
```bash
curl https://{tenant-domain}/api/tenants/v1/leads \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Get Lead Details

```
```bash
curl https://{tenant-domain}/api/tenants/v1/leads/{id} \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Update Lead

```
```bash
curl -X PATCH https://{tenant-domain}/api/tenants/v1/leads/{id} \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Content-Type: application/json" \
 -H "Accept: application/json" \
 -d '{
 "interest_level": "medium",
 }'
```
```

```
    "status": "contacted"
  }
  ...
```

Delete Lead

```
```bash
curl -X DELETE https://{tenant-domain}/api/tenants/v1/leads/{id} \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
...

```

### ### Get Lead Activities

```
```bash
curl https://{tenant-domain}/api/tenants/v1/leads/activities \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
...

```

Create Lead Activity

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/leads/activities \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Content-Type: application/json" \

```

```
-H "Accept: application/json" \
-d '{
 "lead_id": 1,
 "activity_type": "call",
 "notes": "Discussed property requirements"
}'
...
```

#### ### Get Lead Activities

```
```http  
GET /activities  
...
```

Create Lead Activity

```
```http  
POST /activities
...
```

Example request:

```
```json  
{  
  "lead_id": 1,  
  "activity_type": "call",  
  "notes": "Discussed property requirements"  
}  
...
```

Task Management

Base URL: `/api/tenants/v1/tasks`

Requires Feature: TASK_MANAGEMENT

List Tasks

```
```bash
curl https://{tenant-domain}/api/tenants/v1/tasks \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Create Task

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/tasks \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Content-Type: application/json" \
 -H "Accept: application/json" \
 -d '{
 "title": "Follow up with client",
 "description": "Call client to discuss property viewing",
 "priority": "high",
 "due_date": "2025-09-15"
 }'
```
```

```
...
```

Get Task Details

```
```bash
curl https://{tenant-domain}/api/tenants/v1/tasks/{id} \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Update Task

```
```bash
curl -X PATCH https://{tenant-domain}/api/tenants/v1/tasks/{id} \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Content-Type: application/json" \
 -H "Accept: application/json" \
 -d '{
 "status": "completed",
 "priority": "medium"
 }'
```
```

Delete Task

```
```bash
```

```
curl -X DELETE https://{tenant-domain}/api/tenants/v1/tasks/{id} \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json" \
...
```

### ### Delete Task Attachment

```
```bash  
curl -X DELETE https://{tenant-domain}/api/tenants/v1/tasks/attachments/{id} \  
-H "Authorization: Bearer {your_access_token}" \  
-H "Accept: application/json" \  
...
```

Property Listings

Base URL: `/api/tenants/v1/listings`

Requires Feature: UPLOAD_LISTING

List Listings

```
```bash  
curl https://{tenant-domain}/api/tenants/v1/listings \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json" \
...
```

### ### Create Listing

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/listings \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Content-Type: application/json" \
  -H "Accept: application/json" \
  -d '{
    "title": "Luxury Apartment",
    "description": "Beautiful 3-bedroom apartment",
    "price": 500000,
    "property_type": "apartment",
    "status": "available",
    "location": {
      "city_id": 1,
      "address": "123 Main St"
    }
  }'
```
```

### ### Get Listing Details

```
```bash
curl https://{tenant-domain}/api/tenants/v1/listings/{id} \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```

...

Update Listing

```
```bash
```

```
curl -X PATCH https://{tenant-domain}/api/tenants/v1/listings/{id} \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Content-Type: application/json" \
 -H "Accept: application/json" \
 -d '{
 "price": 495000,
 "status": "under_contract"
 }'
```

...

### ### Get Listing Agents

```
```bash
```

```
curl https://{tenant-domain}/api/tenants/v1/listings/{id}/agents \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```

...

Listings

Base URL: `/api/tenants/v1/listings`

Requires Feature: UPLOAD_LISTING

Create Listing

```
```http
```

```
POST /
```

```
```
```

Example request:

```
```json
```

```
{
```

```
 "title": "Luxury Apartment",
```

```
 "description": "Beautiful 3-bedroom apartment",
```

```
 "price": 500000,
```

```
 "property_type": "apartment",
```

```
 "status": "available"
```

```
}
```

```
```
```

Get Listings

```
```http
```

```
GET /
```

```
```
```

Get Listing Details

```
```http
```

```
GET /{listing_id}
```

```
```
```

Notifications

Base URL: `/api/tenants/v1/notifications`

List Notifications

```
```bash
curl https://{tenant-domain}/api/tenants/v1/notifications \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Get Unread Count

```
```bash
curl https://{tenant-domain}/api/tenants/v1/notifications/unread-count \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

Get Notification Stats

```
```bash
curl https://{tenant-domain}/api/tenants/v1/notifications/stats \
 -H "Authorization: Bearer {your_access_token}" \
 -H "Accept: application/json"
```
```

...

Mark as Read

```
```bash
```

```
curl -X PATCH https://{tenant-domain}/api/tenants/v1/notifications/{id}/read \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json"
```

...

### ### Mark All as Read

```
```bash
```

```
curl -X PATCH https://{tenant-domain}/api/tenants/v1/notifications/mark-all-read \  
-H "Authorization: Bearer {your_access_token}" \  
-H "Accept: application/json"
```

...

Delete Notification

```
```bash
```

```
curl -X DELETE https://{tenant-domain}/api/tenants/v1/notifications/{id} \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json"
```

...

## ## Dashboard and Analytics

Base URL: `/api/tenants/v1/dashboard`

### ### Get Insights

```
```bash
curl https://{tenant-domain}/api/tenants/v1/dashboard \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```
```

### ### Get Agent Capping

```
```bash
curl https://{tenant-domain}/api/tenants/v1/dashboard/agent-capping/{id} \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Accept: application/json"
```
```

## ## Social Media Integration

Base URL: `/api/tenants/v1/social-media`

Requires Feature: SOCIAL\_MEDIA\_AUTHENTICATION

### ### Get Authentication URL

```
```bash
```

```
curl https://{tenant-domain}/api/tenants/v1/social-media/{platform}/auth \  
-H "Authorization: Bearer {your_access_token}" \  
-H "Accept: application/json"
```

```
```
```

### ### Logout from Platform

```
```bash
```

```
curl -X DELETE https://{tenant-domain}/api/tenants/v1/social-media/{platform}/logout \  
-H "Authorization: Bearer {your_access_token}" \  
-H "Accept: application/json"
```

```
```
```

### ### Upload Base64 Media

```
```bash
```

```
curl -X POST https://{tenant-domain}/api/tenants/v1/upload-base64 \  
-H "Authorization: Bearer {your_access_token}" \  
-H "Content-Type: application/json" \  
-H "Accept: application/json" \  
-d '{  
  "file": "...",  
  "filename": "property-image.jpg"  
'
```

...

LinkedIn Integration

Base URL: `/api/tenants/v1/linkedin`

Requires Feature: SOCIAL_MEDIA_AUTHENTICATION

Get Connection Status

```bash

curl https://{tenant-domain}/api/tenants/v1/linkedin/status \

-H "Authorization: Bearer {your\_access\_token}" \

-H "Accept: application/json"

...

### **### Get Profile**

```bash

curl https://{tenant-domain}/api/tenants/v1/linkedin/profile \

-H "Authorization: Bearer {your_access_token}" \

-H "Accept: application/json"

...

Get Email

```bash

```
curl https://{tenant-domain}/api/tenants/v1/linkedin/email \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json"
...

```

### ### Get Connections

```
```bash
curl https://{tenant-domain}/api/tenants/v1/linkedin/connections \
-H "Authorization: Bearer {your_access_token}" \
-H "Accept: application/json"
...

```

Post Content

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/linkedin/post \
-H "Authorization: Bearer {your_access_token}" \
-H "Content-Type: application/json" \
-H "Accept: application/json" \
-d '{
 "text": "Check out this amazing property!",
 "visibility": "PUBLIC"
}'
...

```

### ### Upload Media

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/linkedin/upload-media \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Content-Type: application/json" \
  -H "Accept: application/json" \
  -d '{
    "file": "base64_encoded_file_content",
    "file_name": "property-image.jpg",
    "file_type": "image/jpeg"
  }'
```
```

### ### Post with Media

```
```bash
curl -X POST https://{tenant-domain}/api/tenants/v1/linkedin/post-with-media \
  -H "Authorization: Bearer {your_access_token}" \
  -H "Content-Type: application/json" \
  -H "Accept: application/json" \
  -d '{
    "text": "New listing available!",
    "media_ids": ["media1", "media2"],
    "visibility": "PUBLIC"
  }'
```
```

...

### ### Disconnect LinkedIn

```
```bash
```

```
curl -X DELETE https://{tenant-domain}/api/tenants/v1/linkedin/disconnect \
```

```
-H "Authorization: Bearer {your_access_token}" \
```

```
-H "Accept: application/json"
```

...

...

API Guidelines

Important Notes

1. Authentication:

- All authenticated endpoints require a valid JWT token
- Token must be included in the Authorization header as `Bearer {token}`
- Tokens expire after 1 hour by default

2. Feature Requirements:

- Some endpoints require specific features to be enabled in your subscription plan
- Attempting to access restricted features returns a 403 error
- Feature codes are prefixed in the route groups that require them

3. Data Formats:

- All dates must be in ISO 8601 format (e.g., "2025-09-09T15:00:00Z")
- File uploads should be base64 encoded unless specified otherwise
- All requests and responses are in JSON format

Rate Limiting

- Standard Endpoints:
 - 60 requests per minute
 - Applies to most GET and basic POST operations
- Media Operations:
 - 10 requests per minute
 - Applies to file uploads and social media posts
- Heavy Operations:
 - 2 requests per hour
 - Applies to exports and bulk operations

HTTP Status Codes

...

- | | |
|------------------|--|
| 200 OK | - Request succeeded |
| 201 Created | - Resource created successfully |
| 204 No Content | - Request succeeded, no content returned |
| 400 Bad Request | - Invalid request parameters |
| 401 Unauthorized | - Missing or invalid authentication |

403 Forbidden - Valid auth but insufficient permissions

404 Not Found - Resource not found

422 Validation Error - Request validation failed

429 Too Many Requests - Rate limit exceeded

500 Server Error - Internal server error

...

Error Response Format

```
```json
{
 "error": {
 "code": "VALIDATION_ERROR",
 "message": "The request parameters are invalid",
 "details": {
 "email": ["The email field is required"],
 "phone": ["The phone number format is invalid"]
 }
 }
}
```
```

Success Response Format

```
```json
{
```

```
"data": {
 // Resource data
},
"meta": {
 "pagination": {
 "current_page": 1,
 "per_page": 15,
 "total": 100,
 "total_pages": 7
 }
}
}
...
```