

FinSMS API Documentation

v1.0

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API Version: v1.0

Base URL: `https://platform.finsms.io/api/v1/sms`

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Overview

FinSMS API provides SMS sending and reporting services via RESTful endpoints. The API follows a similar structure to CepSMS API for easy integration.

Base URL: `https://platform.finsms.io/api/v1/sms`

Content-Type: `application/json`

Method: All endpoints use `POST` method

Authentication

All API requests require `User` (API Key) and `Pass` (API Secret) parameters in the request body.

How to Get API Credentials

Contact your FinSMS administrator to obtain your API Key and API Secret. These credentials are provided by the administrator through the admin panel.

Authentication Format

Include `User` and `Pass` in every request body:

```
{
  "User": "your_api_key",
  "Pass": "your_api_secret",
  ...
}
```

Endpoints

1. Send SMS Simple

Endpoint: `POST /api/v1/sms/send`

Description: Send a simple SMS message to one or more phone numbers.

Request Body:

```
{
  "User": "API_KEY",
  "Pass": "API_SECRET",
  "Message": "selam test",
  "Numbers": ["905321234567"]
}
```

Parameters:

- **User** (required): Your API Key
- **Pass** (required): Your API Secret
- **Message** (required): SMS message text (max 180 characters per credit)
- **Numbers** (required): Array of phone numbers (at least one number required)

Response (Success):

```
{
  "MessageId": "42367313232",
  "Status": "OK"
}
```

Response (Error):

```
{  
  "MessageId": 0,  
  "Status": "Error"  
}
```

Example cURL:

```
curl -X POST https://platform.finsms.io/api/v1/sms/send \\  
-H "Content-Type: application/json" \\  
-d '{  
  "User": "your_api_key",  
  "Pass": "your_api_secret",  
  "Message": "Test message",  
  "Numbers": ["905321234567"]  
}'
```

Example JavaScript:

```
const response = await
fetch('https://platform.finsms.io/api/v1/sms/send', {
  method: 'POST',
  headers: {
    'Content-Type': 'application/json',
  },
  body: JSON.stringify({
    User: 'your_api_key',
    Pass: 'your_api_secret',
    Message: 'Hello, this is a test message.',
    Numbers: ['905321234567']
  })
});

const result = await response.json();
if (result.Status === 'OK') {
  console.log('SMS sent:', result.MessageId);
} else {
  console.error('Error:', result.Status);
}
```

2. Send SMS

Endpoint: `POST /api/v1/sms/send-advanced`

Description: Send an advanced SMS message with custom sender name, coding, start date, and validity period.

Request Body:

```
{
  "From": "Baslik",
  "User": "API_KEY",
  "Pass": "API_SECRET",
  "Message": "selam test",
  "Coding": "default",
  "StartDate": null,
  "ValidityPeriod": 1140,
  "Numbers": ["905321234567"]
}
```

Parameters:

- `User` (required): Your API Key
- `Pass` (required): Your API Secret
- `Message` (required): SMS message text
- `Numbers` (required): Array of phone numbers
- `From` (optional): Sender name (max 11 characters)
- `Coding` (optional): Message coding - `"default"` or `"turkish"` (default: `"default"`)
- `StartDate` (optional): Send date in ISO format (null = send immediately)
- `ValidityPeriod` (optional): Validity period in minutes (default: 1140)

Response:

```
{  
  "MessageId": "42367313232",  
  "Status": "OK"  
}
```

Example cURL:

```
curl -X POST https://platform.finsms.io/api/v1/sms/send-  
advanced \  
-H "Content-Type: application/json" \  
-d '{  
  "From": "FinSMS",  
  "User": "your_api_key",  
  "Pass": "your_api_secret",  
  "Message": "Test message",  
  "Coding": "turkish",  
  "Numbers": ["905321234567"]  
}'
```

3. Send SMS MULTI

Endpoint: `POST /api/v1/sms/send-multi`

Description: Send multiple distinct SMS messages to different phone numbers in a single request.

Request Body:


```
{
  "From": "Baslik",
  "User": "API_KEY",
  "Pass": "API_SECRET",
  "Coding": "default",
  "StartDate": null,
  "ValidityPeriod": 1440,
  "Messages": [
    {
      "Message": "test mesaj 1",
      "GSM": "905321234567"
    },
    {
      "Message": "test mesaj 2",
      "GSM": "905441234567"
    }
  ]
}
```

Parameters:

- **User** (required): Your API Key
- **Pass** (required): Your API Secret
- **Messages** (required): Array of message objects, each containing:
 - **Message** (required): SMS message text
 - **GSM** (required): Phone number

- `From` (optional): Sender name
- `Coding` (optional): Message coding - `"default"` or `"turkish"`
- `StartDate` (optional): Send date in ISO format
- `ValidityPeriod` (optional): Validity period in minutes

Response (Single Message):

```
{  
  "MessageId": "42367313232",  
  "Status": "OK"  
}
```

Response (Multiple Messages):

```
{  
  "MessageIds": ["42367313232", "42367313233"],  
  "Status": "OK",  
  "SuccessCount": 2,  
  "FailedCount": 0  
}
```

Example cURL:

```
curl -X POST https://platform.finsms.io/api/v1/sms/send-  
multi \  
  -H "Content-Type: application/json" \  
  -d '{  
    "User": "your_api_key",  
    "Pass": "your_api_secret",  
    "Messages": [  
      {  
        "Message": "Message 1",  
        "GSM": "905321234567"  
      },  
      {  
        "Message": "Message 2",  
        "GSM": "905441234567"  
      }  
    ]  
  }'
```

4. SMS Report

Endpoint: `POST /api/v1/sms/report`

Description: Get delivery report for a sent SMS message.

Request Body:

```
{  
  "User": "API_KEY",  
  "Pass": "API_SECRET",  
  "MessageId": "42367313232"  
}
```

Parameters:

- `User` (required): Your API Key
- `Pass` (required): Your API Secret
- `MessageId` (required): Message ID returned from send endpoints

Response:

```
{
  "Status": "OK",
  "Report": [
    {
      "GSM": "905321234567",
      "State": "İletildi",
      "Network": "Turkcell"
    },
    {
      "GSM": "905323214567",
      "State": "İletildi",
      "Network": "Turkcell"
    }
  ]
}
```

Response (Error):

```
{
  "Status": "Error",
  "Error": "SMS mesajı bulunamadı",
  "Report": []
}
```

Example cURL:

```
curl -X POST
https://platform.finsms.io/api/v1/sms/report \
-H "Content-Type: application/json" \
-d '{
    "User": "your_api_key",
    "Pass": "your_api_secret",
    "MessageId": "42367313232"
}'
```

Example JavaScript:

```
const response = await
fetch('https://platform.finsms.io/api/v1/sms/report', {
  method: 'POST',
  headers: {
    'Content-Type': 'application/json',
  },
  body: JSON.stringify({
    User: 'your_api_key',
    Pass: 'your_api_secret',
    MessageId: '42367313232'
  })
});

const result = await response.json();
if (result.Status === 'OK') {
  result.Report.forEach(report => {
    console.log(`GSM: ${report.GSM}, State:
${report.State}, Network: ${report.Network}`);
  });
}
```

Error Codes

HTTP Status	Description
200	Success

400	Bad Request (missing parameters, insufficient credit, invalid phone number, etc.)
401	Unauthorized (invalid API Key/Secret)
404	Not Found (message not found in report endpoint)
500	Internal Server Error

Common Error Responses:

```
{
  "MessageId": 0,
  "Status": "Error"
}
```

```
{
  "Status": "Error",
  "Error": "Error message description",
  "Report": []
}
```

Credit System

- 180 characters = 1 credit
- Credit is calculated based on message length for each SMS

- For example:
 - 1-180 characters = 1 credit
 - 181-360 characters = 2 credits
 - 361-540 characters = 3 credits
 - Returns `400` error if insufficient credit
 - Failed SMS credits are automatically refunded after 48 hours
 - Admin users have unlimited credits (no deduction)
-

Phone Number Formats

Accepted formats:

- `905321234567` (12 digits, starts with 90)
- `05321234567` (11 digits, starts with 0)
- `5321234567` (10 digits, starts with 5)

Note: All formats are automatically normalized to `905xxxxxxxxx` format internally.

SMS States

The following states are returned in SMS reports:



State	Description
Rapor Bekliyor	SMS sent, waiting for delivery report
İletildi	SMS delivered successfully
İletilmedi	SMS not delivered
Zaman Aşımı	SMS timeout (delivery timeout)

Network Operators

The following network operators are supported:

- TTMobile
- Turkcell
- Vodafone
- KKTCell
- Telsim
- Şebeke Dışı (Network Out of Range)

Example Usage

Complete Example: Send and Check Status

```
// Step 1: Send SMS

const sendResponse = await
fetch('https://platform.finsms.io/api/v1/sms/send', {
  method: 'POST',
  headers: {
    'Content-Type': 'application/json',
  },
  body: JSON.stringify({
    User: 'your_api_key',
    Pass: 'your_api_secret',
    Message: 'Hello, this is a test message.',
    Numbers: ['905321234567']
  })
});

const sendResult = await sendResponse.json();

if (sendResult.Status === 'OK') {
  console.log('SMS sent successfully! MessageId:',
sendResult.MessageId);

  // Step 2: Wait a few seconds for processing
  await new Promise(resolve => setTimeout(resolve,
5000));

  // Step 3: Check SMS status
  const reportResponse = await
fetch('https://platform.finsms.io/api/v1/sms/report', {
  method: 'POST',
```

```

headers: {
    'Content-Type': 'application/json',
},
body: JSON.stringify({
    User: 'your_api_key',
    Pass: 'your_api_secret',
    MessageId: sendResult.MessageId
})
});

const reportResult = await reportResponse.json();

if (reportResult.Status === 'OK') {
    reportResult.Report.forEach(report => {
        console.log(`Phone: ${report.GSM}`);
        console.log(`Status: ${report.State}`);
        console.log(`Network: ${report.Network}`);
    });
}
} else {
    console.error('SMS send failed:', sendResult);
}

```

Python Example

```

import requests
import time

API_BASE_URL = "https://platform.finsms.io/api/v1/sms"

```

```
API_KEY = "your_api_key"
API_SECRET = "your_api_secret"

# Send SMS
send_data = {
    "User": API_KEY,
    "Pass": API_SECRET,
    "Message": "Test message from Python",
    "Numbers": ["905321234567"]
}

response = requests.post(f"{API_BASE_URL}/send",
    json=send_data)
result = response.json()

if result.get("Status") == "OK":
    message_id = result.get("MessageId")
    print(f"SMS sent! MessageId: {message_id}")

    # Wait for processing
    time.sleep(5)

    # Check status
    report_data = {
        "User": API_KEY,
        "Pass": API_SECRET,
        "MessageId": message_id
    }

    report_response = requests.post(f"
```

```
{API_BASE_URL}/report", json=report_data)

report_result = report_response.json()

if report_result.get("Status") == "OK":
    for report in report_result.get("Report", []):
        print(f"Phone: {report['GSM']}, Status:
{report['State']}, Network: {report['Network']}")
else:
    print(f"Error: {result}")
```

Security

1. Keep API Credentials Secure

- Never use API Key and Secret in public code or client-side applications
- Store Secret only on server-side
- Use environment variables to store credentials
- Rotate API keys regularly

2. Use HTTPS

- All API requests must be made over HTTPS
- Never send credentials over unencrypted connections

3. Rate Limiting

- Rate limiting is applied to API requests
- Returns `429 Too Many Requests` error for excessive requests
- Contact support if you need higher rate limits

4. Best Practices

- Validate phone numbers before sending
 - Check credit balance before sending large batches
 - Implement retry logic for failed requests
 - Log all API requests for audit purposes
-

Support

For questions, issues, or support:

- Email: support@finsms.io
 - Documentation: <https://docs.finsms.io>
 - Status Page: <https://status.finsms.io>
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Changelog

v1.0 (January 2025)

- Initial release
- Send SMS Simple endpoint
- Send SMS Advanced endpoint
- Send SMS MULTI endpoint
- SMS Report endpoint
- API Key authentication
- Automatic refund system for failed SMS

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