📱 SendWAPI × Smart School — Complete Integration Guide

Send WhatsApp notifications (fees, attendance, exams, etc.) from Smart School using your SendWAPI account.

📋 Table of Contents

1. Prerequisites
2. Step 1 — Get Your SendWAPI Credentials
3. Step 2 — Replace the Customsms.php File
4. Step 3 — Configure API Key & Sender Number
5. Step 4 — Enable Custom SMS Gateway in Smart School
6. Step 5 — Test the Integration
7. Troubleshooting
8. API Reference

✅ Prerequisites

Before you begin, make sure you have:

Requirement	Details
Smart School	Version 7.x or later installed and running
SendWAPI Account	Register at sendwapi.com
Connected WhatsApp Device	A WhatsApp number linked to your SendWAPI dashboard
Server Access	FTP/SFTP or cPanel file manager access to your Smart School files

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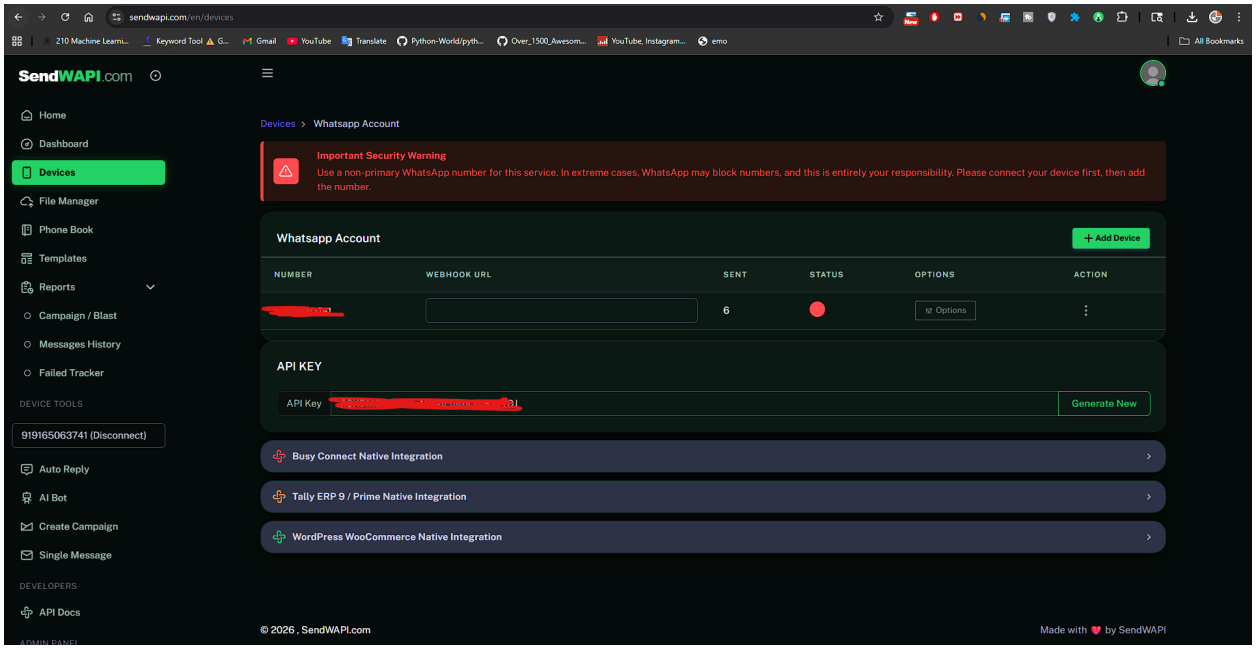
🔑 Step 1 — Get Your SendWAPI Credentials

You need two things from your SendWAPI dashboard:

1.1 — Copy Your API Key

1. Log in to sendwapi.com
2. Go to Dashboard → API Settings (or Profile)
3. Copy your API Key



[!IMPORTANT] Your API key looks something like: `a1b2c3d4e5f6g7h8i9j0` Keep it private — never share it publicly.

1.2 — Note Your Sender Number

1. In the SendWAPI dashboard, go to Devices
2. Find the WhatsApp number that shows Connected status
3. Copy the full number with country code, without the `+` sign

[!TIP] Number Format Examples:

Country	Raw Number	Correct Format
India	+91 98765 43210	`919876543210`
Indonesia	+62 888 1234 5678	`6288812345678`
USA	+1 (555) 123-4567	`15551234567`
UK	+44 7911 123456	`447911123456`

❌ Wrong: `+919876543210`, `09876543210`, `98765-43210` ✅ Right: `919876543210`

📁 Step 2 — Replace the Customsms.php File

2.1 — Locate the File

The file you need to replace is located at:

```
your-smart-school/application/libraries/Customsms.php
```

Full path example (cPanel):

```
/home/yourdomain/public_html/application/libraries/Customsms.php
```

📸 Screenshot Placeholder: cPanel File Manager showing the path to `Customsms.php`

2.2 — Backup the Original File

[!WARNING] Always back up the original file before making changes!

1. Open your File Manager (cPanel) or connect via FTP
2. Navigate to `application/libraries/`
3. Find `Customsms.php`
4. Right-click → Rename it to `Customsms.php.backup`

2.3 — Upload the New File

1. Download or copy the new `Customsms.php` file provided with this guide
2. Upload it to the same directory: `application/libraries/`
3. Make sure the filename is exactly `Customsms.php` (capital C, lowercase rest)

[!CAUTION] The filename must be exactly `Customsms.php` — not `customsms.php` or `CustomSms.php`. Linux servers are case-sensitive!

⚙️ Step 3 — Configure API Key & Sender Number

3.1 — Open the File for Editing

1. In your File Manager, right-click `Customsms.php` → Edit (or Code Editor)
2. You will see the file contents

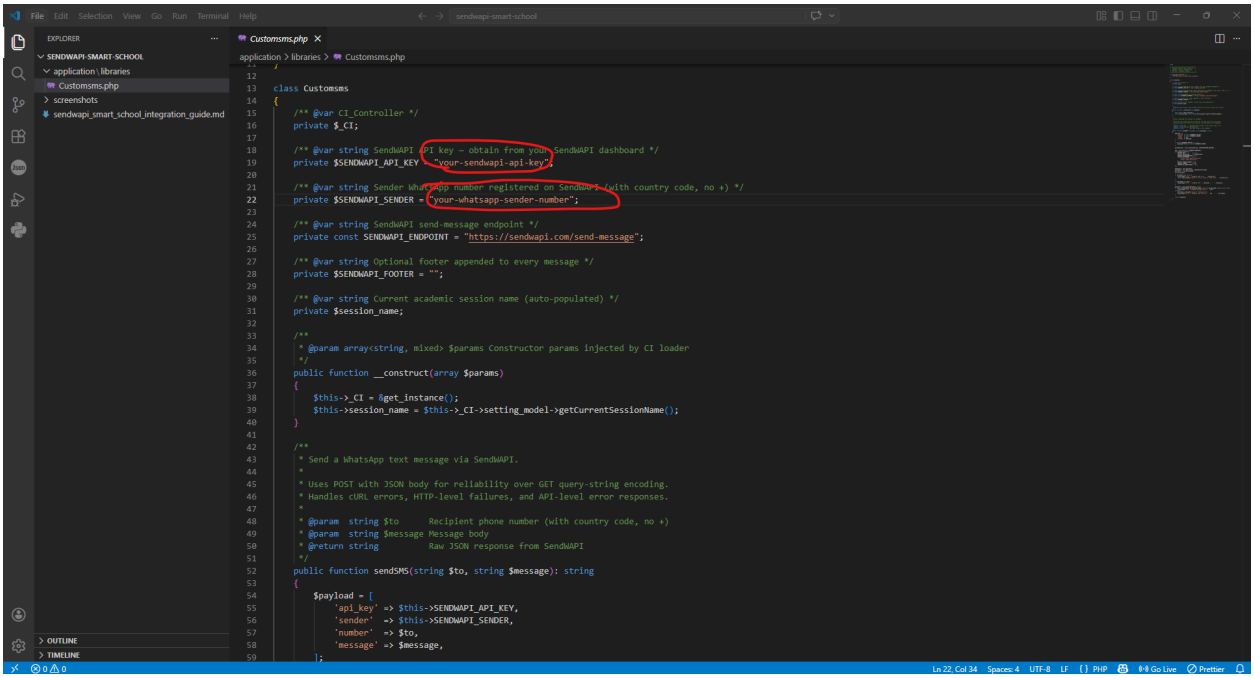
3.2 — Set Your API Key (Line 19)

Find this line:

```
private $SENDWAPI_API_KEY = "your-sendwapi-api-key";
```

Replace `your-sendwapi-api-key` with your actual API key from Step 1.1:

```
private $SENDWAPI_API_KEY = "a1b2c3d4e5f6g7h8i9j0";
```



3.3 — Set Your Sender Number (Line 22)

Find this line:

```
private $SENDWAPI_SENDER = "your-whatsapp-sender-number";
```

Replace `your-whatsapp-sender-number` with your WhatsApp number from Step 1.2:

```
private $SENDWAPI_SENDER = "919876543210";
```

3.4 — (Optional) Set a Footer Message (Line 28)

If you want a footer text under every WhatsApp message:

```
private $SENDWAPI_FOOTER = "Sent via Smart School";
```

Leave it empty (`""`) if you don't want a footer.

3.5 — Save the File

Click Save Changes in your editor.

[!NOTE] Quick Summary — You only need to change 2 lines:

Line	What to Change	Example
19	`your-sendwapi-api-key` → your real API key	`"a1b2c3d4e5f6g7h8i9j0"`
22	`your-whatsapp-sender-number` → your WhatsApp number	`"919876543210"`

🟢 Step 4 — Enable Custom SMS Gateway in Smart School

4.1 — Log in to Smart School Admin Panel

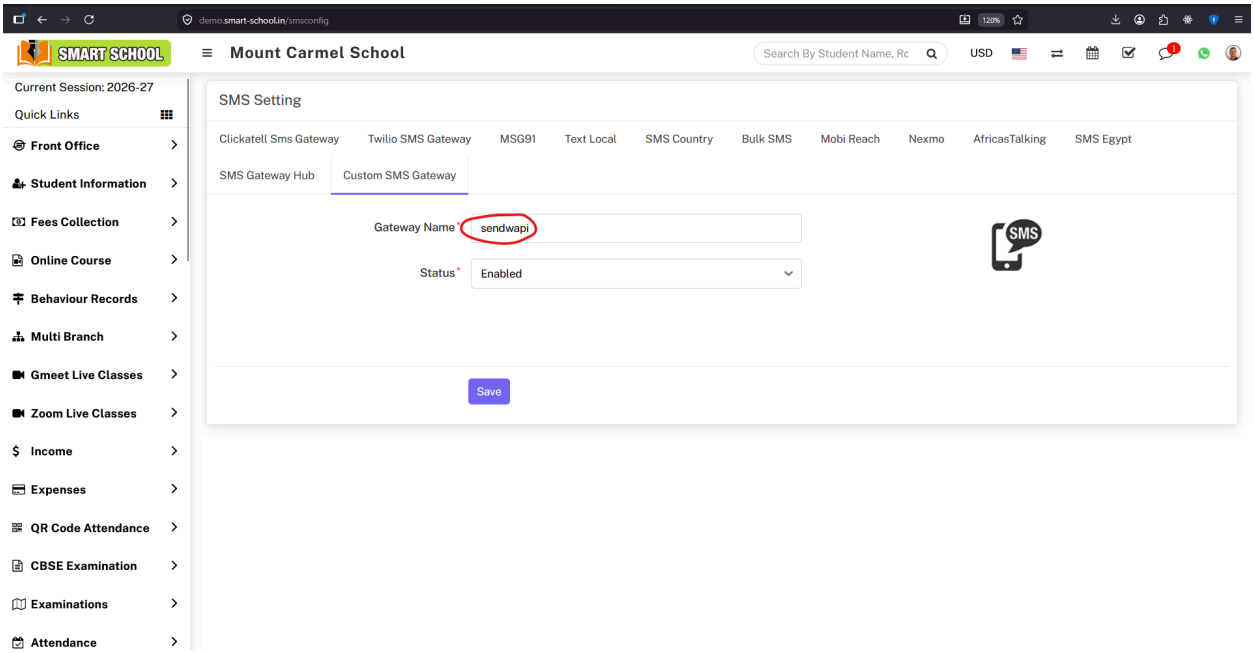
1. Open your Smart School URL: `https://your-school.com`
2. Log in with your Admin or Super Admin account

4.2 — Navigate to SMS Settings

1. Go to System Settings → SMS Setting (left sidebar)
2. You will see multiple tabs for different SMS gateways

4.3 — Open the Custom SMS Gateway Tab

1. Click on the "Custom SMS Gateway" tab (the last tab on the right)
2. You will see two fields:
    - Gateway Name — Enter: `sendwapi`
    - Status — Select: Enabled



4.4 — Save the Settings

1. Click the Save button
2. You should see a success confirmation

> [!IMPORTANT] Make sure no other SMS gateway is enabled! Smart School only uses ONE active SMS gateway at a time. If Twilio or another gateway is also enabled, go to its tab and set Status to Disabled.

🧪 Step 5 — Test the Integration

5.1 — Send a Test Notification

1. Go to Communicate → Send SMS in Smart School
2. Select a group (e.g., a single student or parent)
3. Type a test message: `Hello! This is a test from Smart School via SendWAPI.`
4. Click Send

5.2 — Verify on WhatsApp

1. Check the recipient's WhatsApp
2. They should receive the message from your sender number

5.3 — Check Logs (If Message Didn't Arrive)

1. Connect to your server via FTP/SSH

Check the Smart School log file at:
`application/logs/log-YYYY-MM-DD.php`

2.
3. Search for `SendWAPI` — you'll see either:
    - ✅ `INFO - SendWAPI message sent to 919876543210`
    - ❌ `ERROR - SendWAPI send failed to 919876543210: Invalid API key`

🛠️ Troubleshooting

Common Issues & Solutions

Problem	Cause	Solution
Messages not sending at all	Custom gateway not enabled	Go to SMS Settings → Custom SMS Gateway → set Status to Enabled
Messages not sending at all	Another gateway is also enabled	Disable ALL other gateways (Twilio, Clickatell, etc.)
`Invalid API key` error in logs	Wrong API key in Customsms.php	Double-check the key from SendWAPI dashboard
`Sender not found` error in logs	Wrong sender number or device disconnected	Check SendWAPI dashboard → Devices → ensure the number is Connected
`cURL error` in logs	Server can't reach sendwapi.com	Ask your hosting to allow outbound HTTPS to `sendwapi.com`

`404` or `500` HTTP error in logs	API endpoint issue	Verify the endpoint is `https://sendwapi.com/send-message`
Message sent but not received	Wrong recipient number format	Ensure recipient numbers in Smart School include country code (e.g., `919876543210`)
File upload didn't work	Wrong filename casing	File must be exactly `Customsms.php` (capital C)

How to Read Log Errors

Open `application/logs/log-YYYY-MM-DD.php` and search for `SendWAPI`:

```
# ✅ Success
INFO - 2026-05-02 23:00:00 --> SendWAPI message sent to 919876543210

# ❌ API Error
ERROR - 2026-05-02 23:00:00 --> SendWAPI send failed to 919876543210: Invalid API key

# ❌ Network Error
ERROR - 2026-05-02 23:00:00 --> SendWAPI cURL error: Could not resolve host: sendwapi.com

# ❌ HTTP Error
ERROR - 2026-05-02 23:00:00 --> SendWAPI HTTP 500: Internal Server Error
```

📖 API Reference

Endpoint

```
POST https://sendwapi.com/send-message
Content-Type: application/json
```

Request Body

```
{
    "api_key": "your-api-key",
```

```
    "sender": "919876543210",
    "number": "918765432109",
    "message": "Hello from Smart School!",
    "footer": "Sent via Smart School"
}
```

Parameters

Parameter	Type	Required	Description
`api_key`	string	✅ Yes	Your SendWAPI API key
`sender`	string	✅ Yes	Your WhatsApp sender number (with country code)
`number`	string	✅ Yes	Recipient number (with country code)
`message`	string	✅ Yes	Message text to send
`footer`	string	❌ No	Footer text below the message
`msgid`	string	❌ No	Message ID to reply to
`full`	number	❌ No	Set `1` for full response with message details

Success Response

```
{
    "status": true,
    "msg": "Message sent successfully!"
}
```

Error Response

```
{
    "status": false,
    "msg": "Invalid API key"
}
```

📂 File Reference

What Gets Changed

File	Action	Location
`Customsms.php`	Replace (only file changed)	`application/libraries/Customsms.php`

What Does NOT Change

File	Why
`Smsgateway.php`	Already calls `Customsms->sendSMS()` when custom gateway is active
`smsList.php` (view)	Already has the Custom SMS Gateway tab in admin UI
`smsconfig_model.php`	Already handles saving/loading custom gateway settings
Database	No new tables or columns needed

[!TIP] Need Help?

- SendWAPI Documentation: sendwapi.com/docs
- SendWAPI Support: sendwapi.com

Last updated: May 2026