



GravityForms SEPA Fields Version 1.2.0

User Documentation

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OVERVIEW

Gravity Forms SEPA Fields is an add-on for Gravity Forms that adds two dedicated bank-data fields with robust, real server-side validation: a dedicated IBAN field and a BIC / SWIFT field. Both fields check more than just the general shape of the input — they verify the IBAN's check digits and per-country format, and the BIC's canonical structure and ISO country code.

That makes it a good fit for payout forms, SEPA direct-debit mandates, partner onboarding, or any form that needs to collect a bank account — the IBAN or BIC you end up storing is actually valid, not just text that happens to look like one.

Both checks are also exposed as reusable Gravity Forms Settings API field types (`iban`, `bic`), so any other add-on can collect a validated IBAN or BIC in its own plugin or feed settings without reimplementing the validation.

Version	1.2.0
Author	Ralf Fuhrmann
Text domain	spgfsdpa
Requirements	WordPress with Gravity Forms ≥ 2.5, PHP ≥ 7.4
Bundled library	globalcitizen/php-iban (under vendor/, no composer install required)
Countries supported	116 official and unofficial IBAN countries
Languages	English and German (fully translated)

QUICK SETUP

INSTALL

- Download the plugin ZIP file.
- Upload and activate it under Plugins → Add New in WordPress.
- Gravity Forms must already be installed and active.
- No Composer step required — the bundled php-iban library loads automatically through the included Composer autoloader under vendor/.
- Add the IBAN or BIC / SWIFT field to a form in the form editor.

UPLOAD AND ACTIVATE

UPLOAD

After you have downloaded the 'Gravity Forms SEPA Fields' plugin, you need to upload it to your WordPress installation.

Please go to your 'Plugins / Add New' menu, select 'Upload Plugin' from the top links and choose the downloaded ZIP file at the upload field.

After selecting the file, please press the "Install Now" button.

ACTIVATE

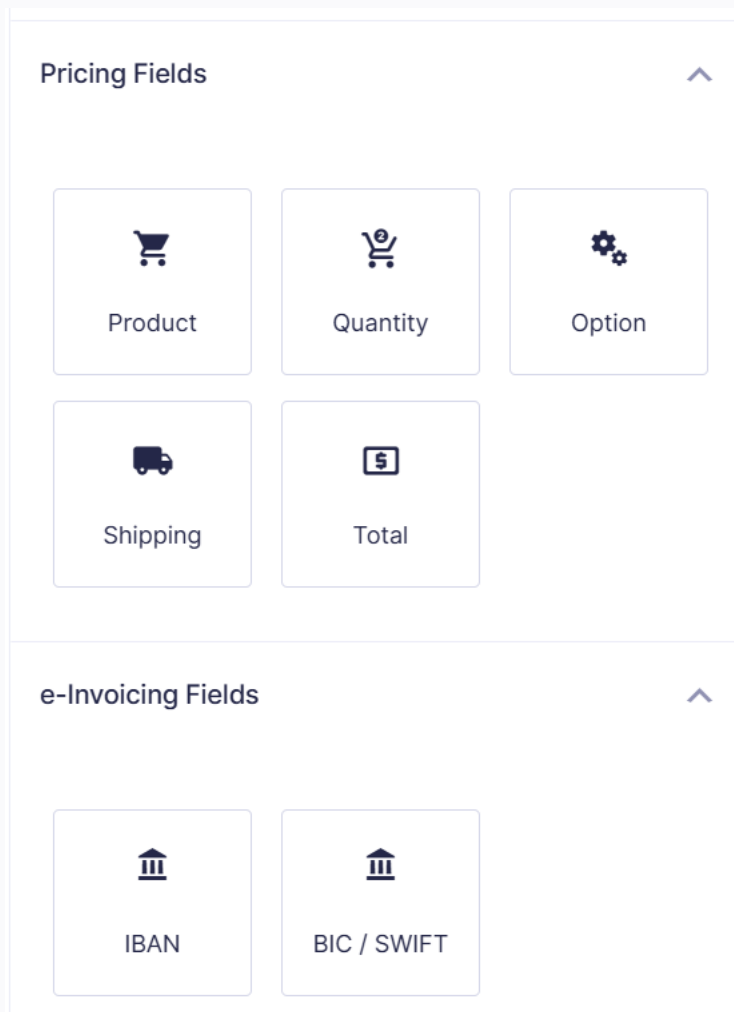
After the plugin is uploaded you will get a success screen.

Please use the link "Activate Plugin" to activate the plugin.

SETTING UP YOUR FORM

The plugin adds a shared “e-Invoicing Fields” group to the form editor, containing both the IBAN and the BIC / SWIFT field, ready to drag onto a form.

 Screenshot: Form editor showing the “e-Invoicing Fields” group with the IBAN and BIC fields



The screenshot displays a form editor interface with two distinct groups of fields, each with a title and an upward-pointing arrow in the top right corner.

Pricing Fields

- Product**: Represented by a shopping cart icon.
- Quantity**: Represented by a shopping cart icon with a plus sign.
- Option**: Represented by a gear icon.
- Shipping**: Represented by a truck icon.
- Total**: Represented by a dollar sign icon.

e-Invoicing Fields

- IBAN**: Represented by a bank building icon.
- BIC / SWIFT**: Represented by a bank building icon.

THE IBAN FIELD

Instead of a single text box, the IBAN field renders one small input per 4-character block:

- The number of blocks follows the maximum IBAN length (up to 34 characters / 9 blocks) — or, when a default country is set, that country's specific length.
- Typing auto-advances to the next block; backspace jumps back.
- Pasting a full IBAN into any block spreads the content across all blocks automatically.
- The combined, normalized value (upper-case, no spaces) is kept in a single hidden input, so Gravity Forms stores one clean value per field.

 *Screenshot: The IBAN field on the frontend, showing the 4-character block input*

Demo SEPA Fields

IBAN

BIC / SWIFT

Submit

Custom setting: Default country — when set, only IBANs of that country are accepted, and the number of input blocks is reduced to that country's length.

 Screenshot: IBAN field settings in the form editor (Default country)

Default country ?

No restriction



No restriction

Albania (AL)

Algeria (DZ)

Andorra (AD)

Angola (AO)

Austria (AT)

Azerbaijan (AZ)

Bahrain (BH)

Belarus (BY)

Belgium (BE)

Benin (BJ)

Bosnia and Herzegovina (BA)

Brazil (BR)

British Virgin Islands (VG)

Bulgaria (BG)

Burkina Faso (BF)

Burundi (BI)

Cameroon (CM)

Cape Verde (CV)

Central African Republic (CF)

THE BIC / SWIFT FIELD

A single text input for a BIC / SWIFT code. Validation checks the length (8 or 11 characters), the canonical structure (4 letters bank code + 2 letters country + 2 alphanumeric location + optional 3 alphanumeric branch) and a valid ISO 3166-1 country code at positions 5-6.

Custom setting: Default country — when set, only BICs whose country code (positions 5-6) match this country are accepted.

VALIDATION

Validation runs entirely server-side. Only a definitively invalid value blocks a submission — the plugin is deliberately robust rather than overly strict.

Field	Local check
IBAN	Check digits and per-country format via the bundled php-iban library, with a graceful regex fallback if the library is ever unavailable. Optional restriction to one default country.
BIC / SWIFT	Length (8 or 11 characters), canonical structure, and a valid ISO 3166-1 country code at positions 5-6. Optional restriction to one default country.

STORAGE FORMAT

IBAN and BIC are stored upper-case and stripped of whitespace.

DE89 3704 0044 0532 0130 00 → DE89370400440532013000

In the entry detail and in exports, the IBAN is shown grouped in blocks of four for readability.

 *Screenshot: Entry detail showing the IBAN grouped in 4-character blocks*

USING THE SETTINGS API FIELDS

The plugin also registers two reusable Gravity Forms Settings API field types — `iban` and `bic` — modeled on the reference `file_upload / list` settings fields. Any add-on can use them in its own plugin or feed settings to collect a validated IBAN or BIC without reimplementing the validation.

```
$fields[] = array(
    'name' => 'company_iban',
    'type' => 'iban',
    'label' => __( 'Company IBAN', 'your-textdomain' ),
    'class' => 'medium',
);

$fields[] = array(
    'name' => 'company_bic',
    'type' => 'bic',
    'label' => __( 'Company BIC / SWIFT', 'your-textdomain' ),
    'class' => 'medium',
);
```

Each renders a text input, validates with the same rule set as the corresponding form field, and stores the value normalized (upper-case, no spaces).

Unlike the form fields, the Settings API fields apply no default-country restriction, since a settings field is typically filled in by an administrator with a fixed configuration value – for example, the company’s own payout IBAN or bank BIC.

 Screenshot: A `company_iban / company_bic` settings field inside an add-on’s configuration screen

INTERNATIONALIZATION

The plugin is fully internationalized (text domain `spgfsepa`) and ships a ready-to-use German translation (`.po` / `.mo`). All field labels, settings, and error messages are available in both English and German.

REQUIREMENTS & COMPATIBILITY

- WordPress with Gravity Forms $\geq$ 2.5
- PHP $\geq$ 7.4
- Works alongside the separate “Gravity Forms VAT ID Field” add-on — both share the same “e-Invoicing Fields” group without conflicts.
- No Composer installation needed — the php-iban library ships bundled.

SUPPORTED COUNTRIES

The following 116 official and unofficial IBAN countries are supported.

Albania (AL)	Dominican Republic (DO)	IIBAN (Internet) (AA)
Algeria (DZ)	East Timor (TL)	Iran (IR)
Andorra (AD)	Egypt (EG)	Iraq (IQ)
Angola (AO)	El Salvador (SV)	Ireland (IE)
Austria (AT)	Equitorial Guinea (GQ)	Israel (IL)
Azerbaijan (AZ)	Estonia (EE)	Italy (IT)
Bahrain (BH)	Finland (FI)	Jordan (JO)
Belarus (BY)	Åland Islands (AX)	Kazakhstan (KZ)
Belgium (BE)	France (FR)	Kosovo (XK)
Benin (BJ)	French Guiana (GF)	Kuwait (KW)
Bosnia and Herzegovina (BA)	French Polynesia (PF)	Latvia (LV)
Brazil (BR)	French Southern Territories (TF)	Lebanon (LB)
British Virgin Islands (VG)	Guadelope (GP)	Liechtenstein (LI)
Bulgaria (BG)	Martinique (MQ)	Lithuania (LT)
Burkina Faso (BF)	Mayotte (YT)	Luxembourg (LU)
Burundi (BI)	New Caledonia (NC)	Macedonia (MK)
Cameroon (CM)	Réunion (RE)	Madagascar (MG)
Central African Republic (CF)	Saint Barhélemy (BL)	Mali (ML)
Chad (TD)	Saint Martin (French Part) (MF)	Malta (MT)
Cape Verde (CV)	Saint-Pierre and Miquelon (PM)	Mauritania (MR)
Comoros (KM)	Wallis and Futuna (WF)	Mauritius (MU)
Congo (CG)	Gabon (GA)	Moldova (MD)
Costa Rica (CR)	Georgia (GE)	Monaco (MC)
Côte d'Ivoire (CI)	Germany (DE)	Montenegro (ME)
Croatia (HR)	Gibraltar (GI)	Morocco (MA)
Cyprus (CY)	Greece (GR)	Mozambique (MZ)
Czech Republic (CZ)	Guatemala (GT)	Netherlands (NL)
Denmark (DK)	Guinea-Bissau (GW)	Nicaragua (NI)
Faroe Islands (FO)	Honduras (HN)	Niger (NE)
Greenland (GL)	Hungary (HU)	Norway (NO)
Djibouti (DJ)	Iceland (IS)	Pakistan (PK)
		Palestine (PS)
		Poland (PL)
		Portugal (PT)

Qatar (QA)
Romania (RO)
Saint Lucia (LC)
San Marino (SM)
São Tomé and Príncipe
(ST)
Saudi Arabia (SA)
Senegal (SN)
Serbia (RS)
Seychelles (SC)
Slovakia (SK)
Slovenia (SI)
Spain (ES)
Sweden (SE)
Switzerland (CH)
Togo (TG)
Tunisia (TN)
Turkey (TR)
Ukraine (UA)
United Arab Emirates
(AE)
United Kingdom (GB)

CHANGELOG

1.2.0

- The IBAN and the BIC / SWIFT values are now also available as reusable Gravity Forms Settings API field types (iban and bic), with the same local format validation as the form fields.

1.1.0

- Split off from "SP Gravity Forms SEPA Fields": this plugin now provides only the IBAN and BIC / SWIFT fields. The VAT ID field lives in the separate "Gravity Forms VAT ID Field" plugin.

1.0.0

- Initial release: IBAN field with per-block input, paste-spreading and php-iban validation; BIC / SWIFT field with length and ISO-country validation; optional default-country restriction per field; German translation.