



GravityForms EN16931 Fields

User Documentation

INHALTSVERZEICHNIS

Quick Setup	4
Install	4
Upload and Activate	5
Upload	5
Activate	5
The Code Lists	6
Using Predefined Choices	7
The e-Invoicing Field Types	9
Reference List and Scheme Identifier	10
How the Scheme Identifier Is Stored	11
Requirements & Compatibility	12

QUICK SETUP

The “Gravity Forms – EN16931 Fields” plugin brings the EN16931 / XÖV / KoSIT code lists into Gravity Forms – as ready-to-use predefined choices and as four e-Invoicing field types with scheme-identifier support.

INSTALL

- Upload and activate the “Gravity Forms – EN16931 Fields” plugin
- The 17 code lists become available immediately as predefined choices – nothing to import
- For scheme-identifier fields, add an e-Invoicing field from the new editor group to your form

UPLOAD AND ACTIVATE

UPLOAD

After you downloaded and saved the 'Gravity Forms – EN16931 Fields' plugin you have 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.

THE CODE LISTS

The **/data** folder ships 17 XÖV / KoSIT code lists used by EN16931 electronic invoicing:

- EAS, ICD, ISO 3166 (countries), ISO 4217 (currencies), MIME
- UN/ECE Rec. 20 and 21
- UNTDID 1001 / 1153 / 2005 / 4451 / 4461 / 5189 / 5305 / 7143 / 7161
- VATEx

Each list contributes a label (from the metadata **nameKurz**), a description (**nameLang**) and a set of key → value rows. The key is the code (column 0); the value is the description (column 1). **ISO 3166** is the one exception: its value is the short country name (column 2).

USING PREDEFINED CHOICES

Every list is exposed through the **gform_predefined_choices** filter, so it appears in the form editor's Bulk Add / Predefined Choices flyout for any choice-based field (Drop Down, Radio, Checkbox – native or the e-Invoicing Drop Down).

Inserting a list creates one choice per row:

- Shown label = the description (e.g. Andorra, Windows Bitmap)
- Stored value = the code (e.g. AD, 001)

Gravity Forms' bulk format **label|value** is used, so "Show Values" is enabled automatically and the code is what ends up in the entry.

 Screenshot: predefined Choices

Bulk Add / Predefined Choices



Select a category and customize the predefined choices or paste your own list to bulk add choices.

UN/ECE Recommendation N°20
UN/ECE Recommendation N°21
UNTDID 1001
UNTDID 1153
UNTDID 2005
UNTDID 4451
UNTDID 4461
UNTDID 5189
UNTDID 5305



First Choice
Second Choice
Third Choice

[Insert Choices](#)[Cancel](#)[Save as new custom choice →](#)

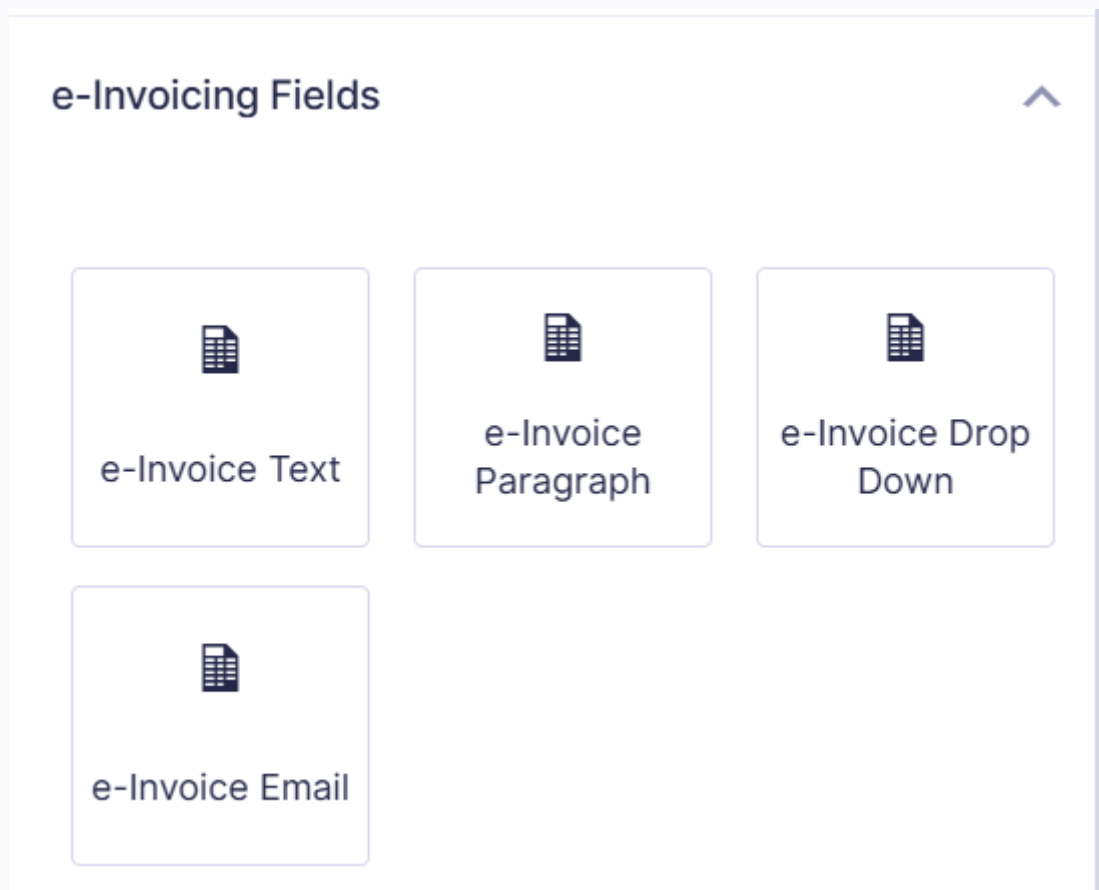
THE E-INVOICING FIELD TYPES

Four new field types appear in the **e-Invoicing Fields** editor group:

- e-Invoice Text – copy of Single Line Text (einv_text)
- e-Invoice Paragraph – copy of Paragraph Text (einv_textarea)
- e-Invoice Drop Down – copy of Drop Down (einv_select)
- e-Invoice Email – copy of Email (einv_email)

They inherit all of the native field's rendering, validation and value handling – they are true copies with two extra settings. The e-Invoice Drop Down also inherits the choices UI, so its options can be filled from a code list via predefined choices.

 Screenshot: EN16931 Fields collection



REFERENCE LIST AND SCHEME IDENTIFIER

Each e-Invoicing field has two extra editor settings.

Reference list — one of the code lists above.

Scheme identifier — a code from the selected reference list. The drop-down is filled from that list (loaded on demand via AJAX in the editor).

This lets you model EN16931 identifier fields that need a scheme attribute (BT-xx-1) – for example a Seller electronic address (BT-34) whose scheme is an EAS code (BT-34-1).

 Screenshot: predefined Choices

Reference list ?

— none —



Scheme identifier ?

— none —



The selected scheme identifier is stored as the field's ".1" sub-value (BT-xx-1); the entered field value stays the normal field value.

HOW THE SCHEME IDENTIFIER IS STORED

On submission the field behaves like its native counterpart: the value the visitor enters (or selects) is stored as the normal field value (entry key X). In addition, the configured scheme identifier is written as the field's **.1** sub-value (entry key X.1) – the same .1 convention Gravity Forms uses for the sub-inputs of the Name / Address fields.

So for a field with id 5:

- {5} → the entered value (e.g. an electronic address)
- {5.1} → the scheme identifier code (e.g. EM / 0088)

The .1 value is applied after the entry is saved (front-end submissions and admin entry edits alike), so both are available on the entry, in exports and via merge tags.

REQUIREMENTS & COMPATIBILITY

- WordPress 5.0+ (tested on current 6.x / 7.0)
- Gravity Forms 2.5+
- PHP 7.4+
- Basic understanding of EN16931 Coding