



B2G / Public Sector Detection

E-Invoice Documentation

Guide for Magento administrators, technical project owners, and implementation teams.

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B2G / Public Sector Detection

German public-sector recipients (Behörden) route incoming e-invoices by their **Leitweg-ID** — the EN 16931 Buyer Reference (BT-10). An order detected as B2G is generated with the configured **B2G Format** and strictly requires a resolvable Buyer Reference / Leitweg-ID; generation fails with a clear error when none can be resolved.

B2G handling is off by default. With detection disabled, every order uses **Default B2B Format** and the normal buyer-reference fallback rules.

Configuration

Open **Stores > Configuration > MageB2B > E-Invoice > B2G / Public Sector (Leitweg-ID)**.

Setting	Options	Notes
B2G Detection Method	<code>disabled</code> , <code>order_reference</code> , <code>customer_group</code> , <code>customer_attribute</code>	How public-sector recipients are identified
B2G Customer Groups	Customer group multiselect	Visible when the method is <code>customer_group</code>
Leitweg-ID Customer Attribute	Customer text attribute select	Visible when the method is <code>customer_attribute</code>

Setting	Location	Notes
B2G Format (Public Sector)	<code>einvoice/general/b2g_format</code> under General Settings	Format used for detected B2G orders — typically XRechnung. When empty, the default format is used for B2G orders as well.

Detection methods

Method	An order counts as B2G when	Where BT-10 comes from
Order contains Buyer Reference / Leitweg-ID (<code>order_reference</code>)	the order carries a value in its <code>einvoice_buyer_reference</code> field	that same order value

Method	An order counts as B2G when	Where BT-10 comes from
Customer Group (<code>customer_group</code>)	the order's customer group is one of the configured B2G Customer Groups	the order's buyer reference field
Customer Attribute contains Leitweg-ID (<code>customer_attribute</code>)	the selected customer attribute is non-empty on the order's customer	the order's buyer reference first; the customer attribute value is used when the order carries none

Notes on the boundaries:

- Guest orders have no customer group membership and no customer attribute; they can only be detected through the **order reference** method.
- The **customer group** method only flags the order as B2G. It does not itself supply a Leitweg-ID — the reference must still reach the order, for example through the `native checkout field` or the `invoice_buyer_reference` extension attribute on `POST /V1/carts/{cartId}/payment-information` (see [REST API](#)).
- With the **customer attribute** method, a per-order buyer reference wins over the customer master value: the routing identifier communicated with the order is authoritative.

What changes for a detected B2G order

1. The recipient is typed `b2g` and the document is generated with **B2G Format** when one is configured — otherwise the store's **Default B2B Format**.
2. A resolvable Buyer Reference / Leitweg-ID (BT-10) is **mandatory**. When detection flags the order but neither the order field nor (with the customer-attribute method) the customer record yields a value, generation fails: the document is marked `error` with a message stating that no Buyer Reference / Leitweg-ID could be resolved.
3. The increment-ID fallback used for ordinary B2B buyer references does not rescue a detected B2G order.

Recover by supplying the recipient's real Leitweg-ID on the order, then regenerate once (see [Error Handling](#)).

Verify before rollout

- Confirm the detection method against how Leitweg-IDs actually reach your orders —

checkout field, ERP order import, or customer master data.

- Generate one manual document for a detected order and check BT-10, the selected format and the recipient type in the XML.
- Decide deliberately which detection source is authoritative when several could apply; only one method can be active.

Related

- [XRechnung](#)
- [PEPPOL BIS Billing 3.0](#)
- [Document Data Mapping](#)
- [Configuration](#)