OneStepCheckout Documentation

Complete PDF Manual

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

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2026-10-13

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EXTENSION
Magento 2 Extension OneStepCheckout

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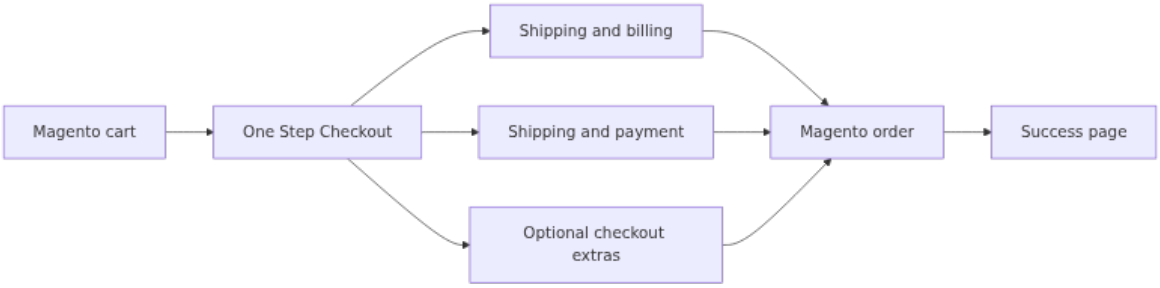
OneStepCheckout

MageB2B One Step Checkout puts Magento's shipping, payment and order summary sections on one checkout page. The module changes the presentation and adds optional checkout fields. Magento still validates the quote, calculates shipping and totals, checks payment availability, and creates the order.

The package also provides an optional checkout header, a configurable block layout, address-field controls, delivery dates, cart recovery, a custom success page, consent-aware GA4 events and an integrated multi-address checkout.



Start here

1. Install the module
2. Configure the first checkout
3. Run a first guest and customer checkout

Features

- Checkout layout
- Address fields
- Authentication during checkout
- Shipping and payment
- Checkout extras
- Preferred delivery dates
- Google Places autocomplete
- Custom success page
- GA4 tracking and consent
- Cart recovery
- Multi-address shipping

Administration and reference

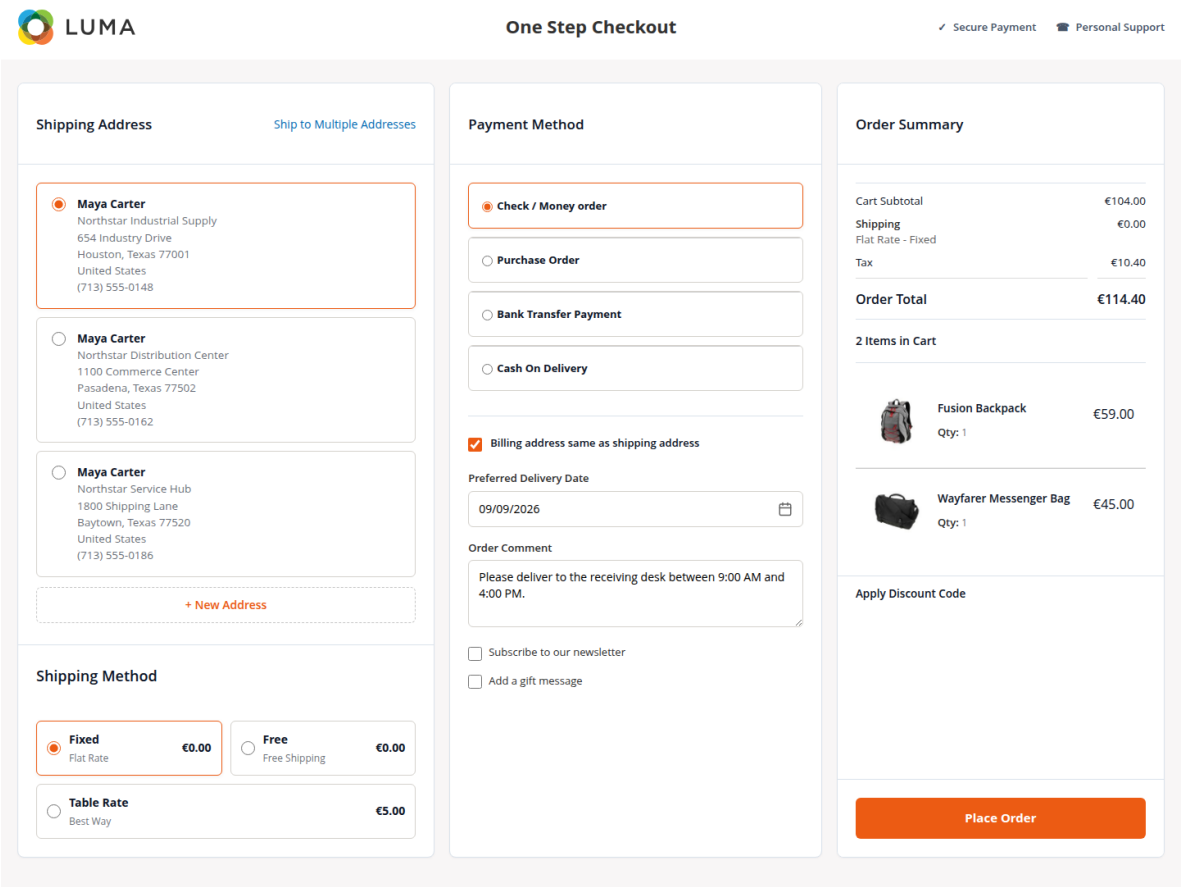
- Order extras in Admin
- Admin permissions

- Hyva Compatibility Add-On
- Configuration reference
- Checkout extras API
- Quote and order data

Troubleshooting

- Common issues
- FAQ

Configuration is under **Stores > Configuration > MageB2B > One Step Checkout**. The exact options shown depend on the current scope and the installed Magento modules.



Installation

Install `mageb2b/onestepcheckout` with Composer, then enable the Magento module and apply the normal deployment steps for the target mode.

Requirements

- Magento 2.4
- PHP 8.1 or a compatible newer PHP 8 release supported by your Magento installation
- Composer access to the SoftwareSilo package repository

Install with Composer

Use the SoftwareSilo Composer repository configured for your project. Keep the repository credential outside the project files.

```
composer require mageb2b/onestepcheckout:*
php bin/magento module:enable MageB2B_ExtensionManager
MageB2B_OneStepCheckout
php bin/magento setup:upgrade
```

Production-mode deployments normally also require:

```
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy
php bin/magento cache:flush
```

Use the same release process and deployment options as the rest of the Magento installation.

Verify the module

```
php bin/magento module:status MageB2B_OneStepCheckout
```

The module must be enabled before the One Step Checkout configuration appears under **Stores > Configuration > MageB2B**. Open the configuration at the intended website or store-view scope and save only after reviewing the defaults.

First checks

Use a staging customer and a simple physical product to verify the complete flow:

1. Open the cart and follow the checkout link.
2. Confirm that shipping, payment and the order summary are visible on the same page.

3. Enter a valid address and select a method offered by Magento.
4. Place the order with the store's normal test payment method.
5. Open the resulting order in Admin and confirm that the checkout still uses the expected Magento totals and methods.

The extension does not replace the carrier or payment configuration. A method that Magento rejects remains unavailable in this checkout.

Uninstall

`php bin/magento module:uninstall MageB2B_OneStepCheckout` runs the shipped uninstaller. It deletes all `onestepcheckout/%` rows from `core_config_data`, removes the `onestepcheckout_cart_recovery` cron schedules and drops the module's columns on `quote`, `sales_order` and `sales_order_grid`. Existing orders keep their rows but lose the `order_comment` and `delivery_date` values. The `quote_address.osc_delivery_date` column used by multi-address checkout is not removed by the uninstaller.

Next step

Continue with Configuration.

If the active storefront uses Hyva, install the Hyva Compatibility Add-On after the base package. The base module remains responsible for configuration, persistence and checkout rules.

Configuration

Open **Stores > Configuration > MageB2B > One Step Checkout** and select the website or store view that should receive the change. Test one scope at a time. A different store scope can have a different title, layout, field behavior or feature set.

Recommended order

1. Enable the module and choose whether guest checkout is allowed.
2. Set the checkout title, description and header layout.
3. Choose the column layout in **Checkout Block Layout**.
4. Review the billing and shipping field builders.
5. Test one normal checkout before enabling optional extras.
6. Enable delivery dates, autocomplete, cart recovery or tracking separately and test each flow.

General settings

- **Enable One Step Checkout** controls the module's checkout presentation.
- **Checkout Title** and **Checkout Description** are shown on the checkout page.
- **Allow Guest Checkout** is an additional module check. Magento's own guest-checkout policy still applies.

When the module is disabled, the normal Magento checkout continues to handle the cart.

Design and header

The design group accepts validated hexadecimal colors, a supported border-radius option, a CSS font stack, button text color and header background color. **Header Layout** chooses the reduced checkout header or the storefront header. The storefront footer remains displayed.

Use the existing theme font with `inherit` unless the store has a documented CSS font stack. Check the result on desktop and mobile after changing the colors or header.

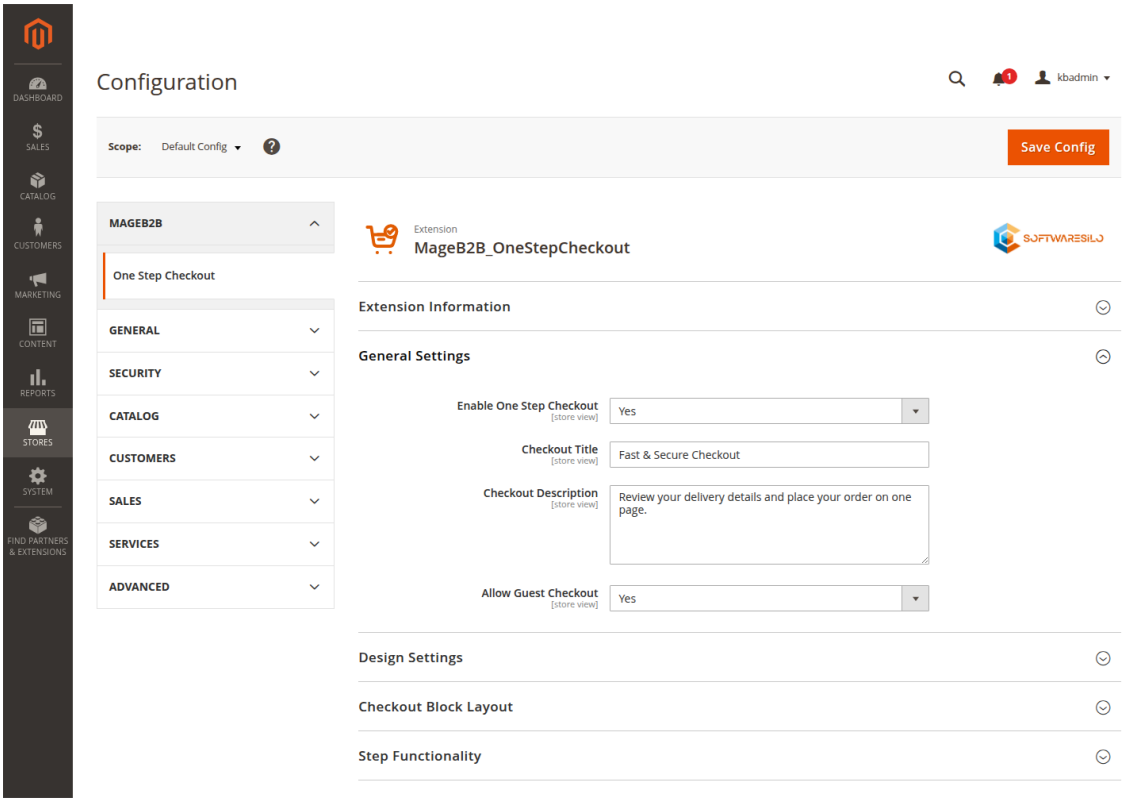
Functionality

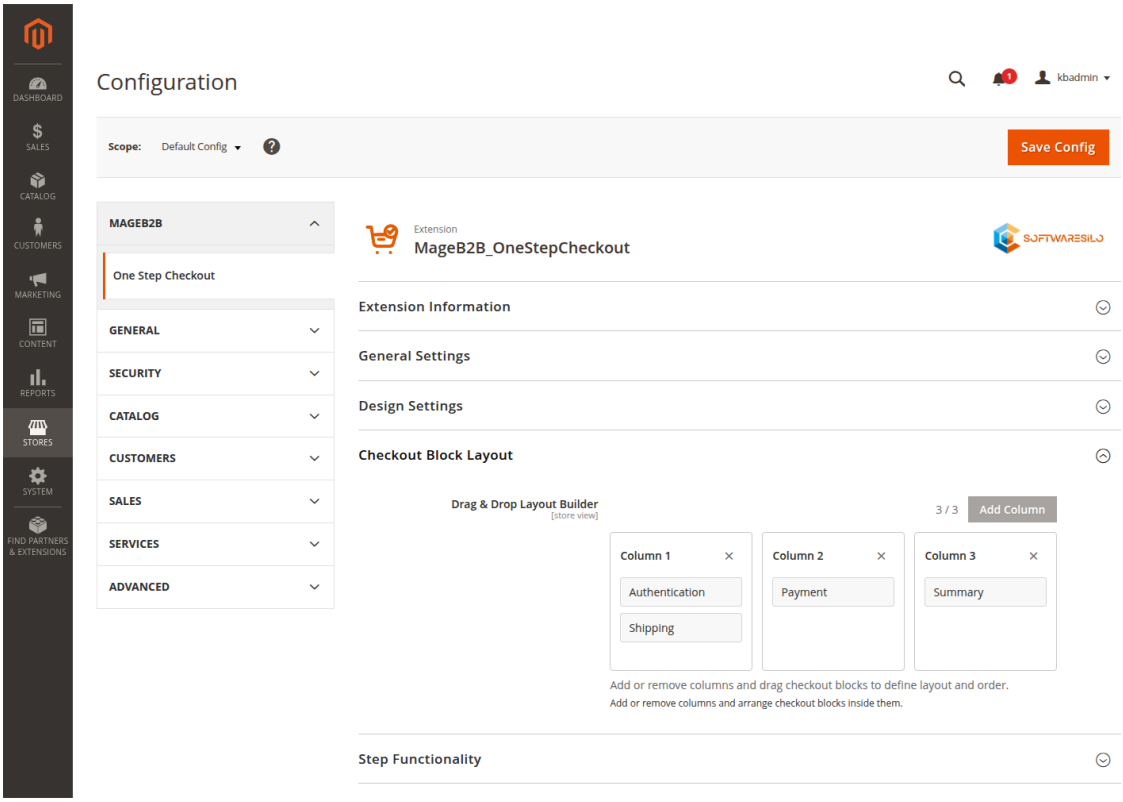
The functionality group controls the billing-same-as-shipping default, coupon visibility, gift-card visibility and the authentication block. These settings do not bypass Magento's own coupon, gift-card, customer or payment validation.

Scope and cache

Configuration values are read with Magento store scope. After a configuration change, finish the normal cache and static-content workflow for the deployment mode. If the

browser still shows the previous layout, test a fresh private session and inspect the rendered checkout before changing unrelated settings.





Continue

- Run a first checkout
- Configure the checkout layout
- Configure address fields

First checkout

Use one fictional customer, one simple physical product and a test payment method that is already available in Magento. Repeat the flow once as a guest and once while signed in if both audiences are enabled.

Guest flow

1. Add the test product to the cart.
2. Open the checkout link.
3. Confirm that the guest email and shipping address fields are available.
4. Enter a valid address for the store's country.
5. Select a shipping method returned by Magento.
6. Select the test payment method.
7. Review the order summary and place the order.
8. Confirm the success page and the order in Admin.

If guest checkout is disabled in either One Step Checkout or Magento, the customer must sign in before placing the order.

Signed-in customer flow

Open the same cart while signed in. The checkout can prefill the customer email and saved addresses. Choose a different address if the account has more than one, then confirm that shipping rates and totals are recalculated.

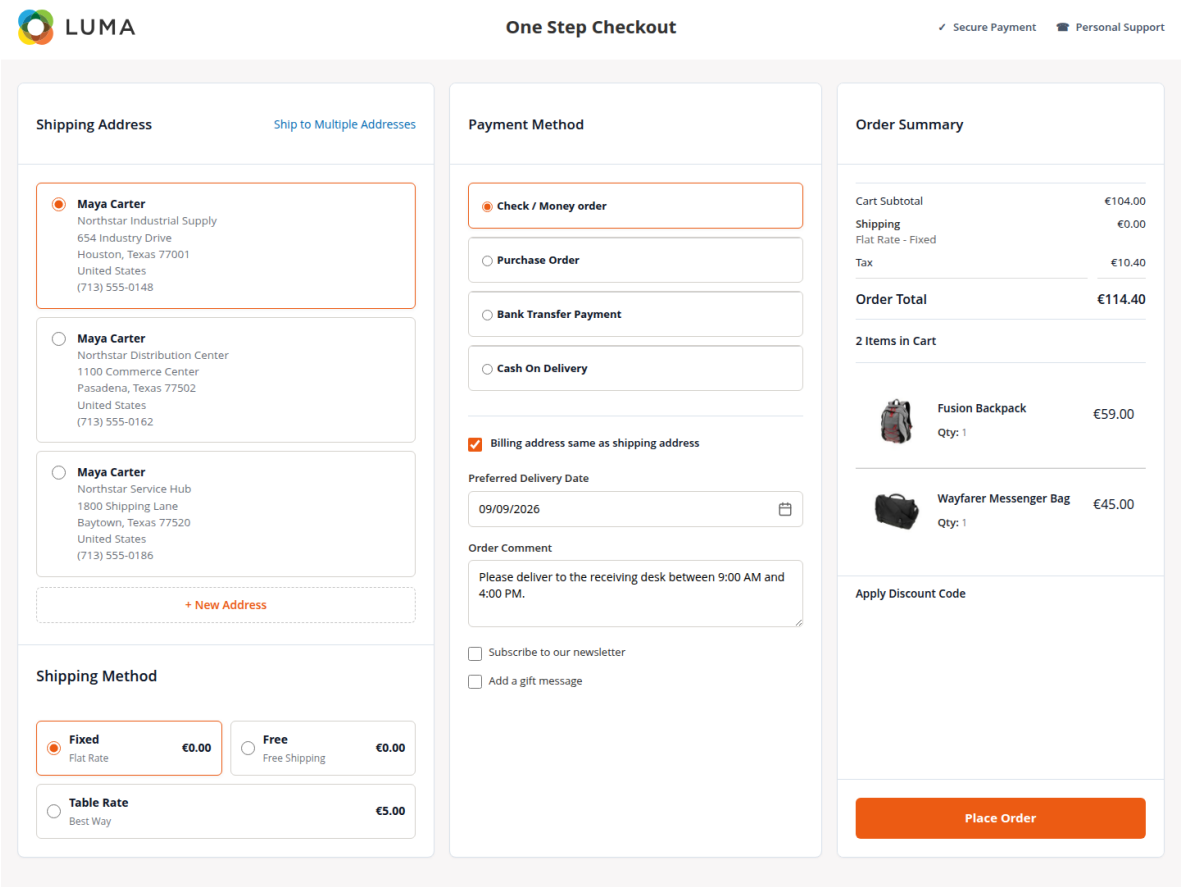
The authentication block is removed for an already signed-in customer. A guest can still use the block when authentication is enabled.

Virtual quote check

A virtual-only quote does not need a shipping address or shipping method. Verify that the shipping section is not treated as a required step, while payment and the order summary remain available.

What to record

For a failed first run, record the store view, customer group, login state, product type, exact message, shipping and payment methods, and the time of the request. These details distinguish a checkout layout problem from a normal Magento availability rule.


LUMA
One Step Checkout
✓ Secure Payment
☎ Personal Support
Shipping Address
Ship to Multiple Addresses
Maya Carter
Northstar Industrial Supply
654 Industry Drive
Houston, Texas 77001
United States
(713) 555-0148
Maya Carter
Northstar Distribution Center
1100 Commerce Center
Pasadena, Texas 77502
United States
(713) 555-0162
Maya Carter
Northstar Service Hub
1800 Shipping Lane
Baytown, Texas 77520
United States
(713) 555-0186
+ New Address
Shipping Method
Fixed
Flat Rate
€0.00
Free
Free Shipping
€0.00
Table Rate
Best Way
€5.00
Payment Method
Check / Money order
Purchase Order
Bank Transfer Payment
Cash On Delivery
Billing address same as shipping address
Preferred Delivery Date
09/09/2026
Order Comment
Please deliver to the receiving desk between 9:00 AM and 4:00 PM.
Subscribe to our newsletter
Add a gift message
Order Summary
Cart Subtotal
€104.00
Shipping
Flat Rate - Fixed
€0.00
Tax
€10.40
Order Total
€114.40
2 Items in Cart
Fusion Backpack
Qty: 1
€59.00
Wayfarer Messenger Bag
Qty: 1
€45.00
Apply Discount Code
Place Order

Checkout layout

The **Checkout Block Layout** builder arranges five supported blocks: authentication, shipping address, shipping method, payment and summary. You can use one, two or three columns. Shipping address and shipping method are separate blocks, so they can be placed in different columns while sharing Magento's shipping state. The builder stores a normalized map and falls back to its default arrangement when the saved value is empty or invalid.

Configure the blocks

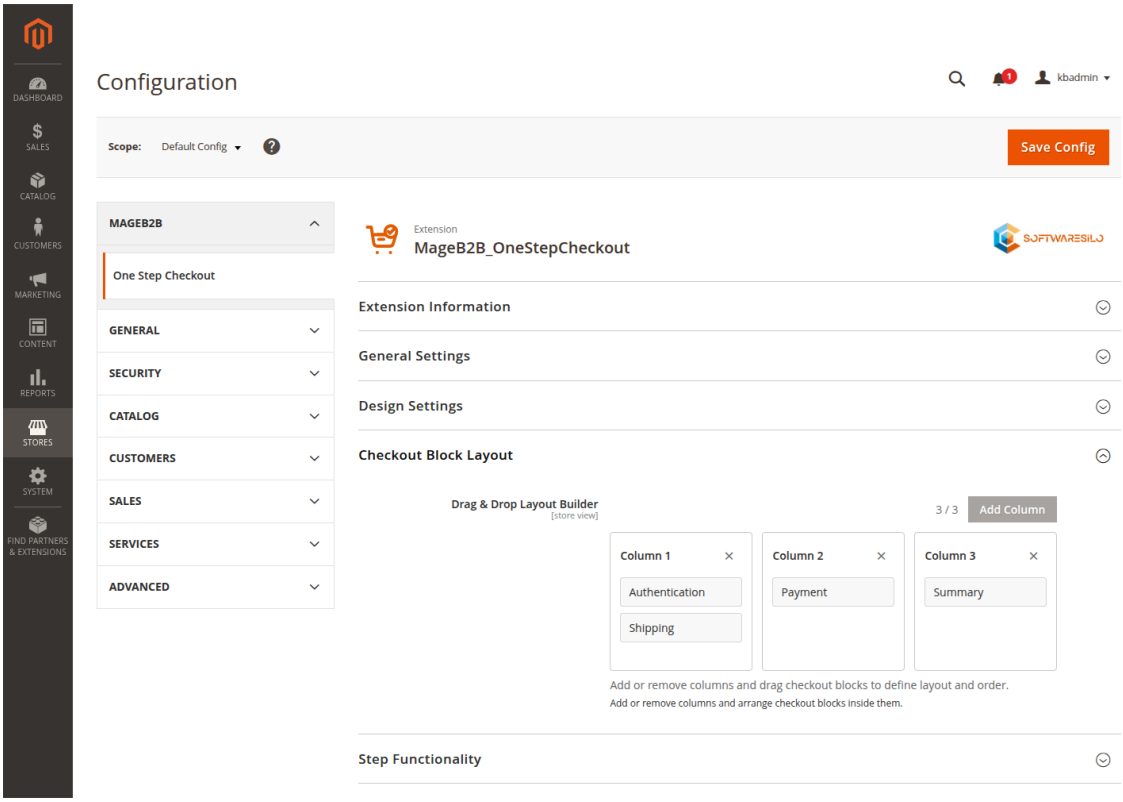
Open **Stores > Configuration > MageB2B > One Step Checkout > Checkout Block Layout**. Add or remove columns, then drag each block into the desired column. Save the configuration and reload checkout in a fresh browser session.

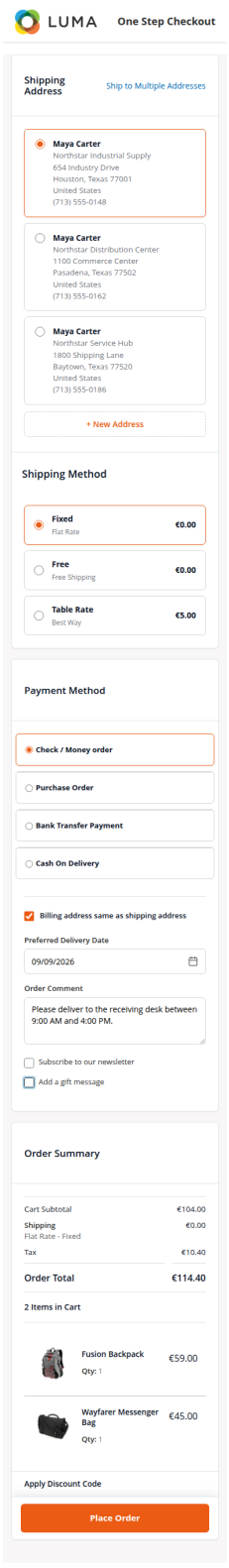
The authentication block is removed automatically for signed-in customers and when authentication is disabled. The other blocks remain available according to the checkout state and quote type.

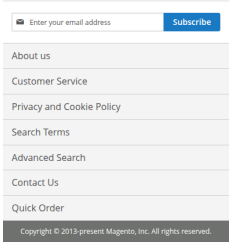
Desktop and mobile behavior

On a wide desktop layout, the configured columns are shown together. On smaller screens the layout becomes a single-column flow. The mobile template keeps the form-first order so a buyer reaches the shipping address before payment and summary actions.

Do not treat the builder as a general Magento UI layout editor. It controls the five module blocks only. Payment methods, address fields and extra components remain inside their owning block.


DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
REPORTS
STORES
SYSTEM
FIND PARTNERS & EXTENSIONS
Configuration
kbadmin
Scope: Default Config
Save Config
MAGEB2B
One Step Checkout
GENERAL
SECURITY
CATALOG
CUSTOMERS
SALES
SERVICES
ADVANCED
Extension
MageB2B_OneStepCheckout
SOFTWARESILO
Extension Information
General Settings
Design Settings
Checkout Block Layout
Drag & Drop Layout Builder
[store view]
3 / 3
Add Column
Column 1
Column 2
Column 3
Authentication
Shipping
Payment
Summary
Add or remove columns and drag checkout blocks to define layout and order.
Add or remove columns and arrange checkout blocks inside them.
Step Functionality


LUMA
One Step Checkout
Shipping Address
Ship to Multiple Addresses
Maya Carter
Northstar Industrial Supply
654 Industry Drive
Houston, Texas 77001
United States
(713) 555-0148
Maya Carter
Northstar Distribution Center
1100 Commerce Center
Pasadena, Texas 77502
United States
(713) 555-0162
Maya Carter
Northstar Service Hub
1800 Shipping Lane
Baytown, Texas 77520
United States
(713) 555-0186
+ New Address
Shipping Method
Fixed
Flat Rate
€0.00
Free
Free Shipping
€0.00
Table Rate
Best Way
€5.00
Payment Method
Check / Money order
Purchase Order
Bank Transfer Payment
Cash On Delivery
Billing address same as shipping address
Preferred Delivery Date
09/09/2026
Order Comment
Please deliver to the receiving desk between 9:00 AM and 4:00 PM.
Subscribe to our newsletter
Add a gift message
Order Summary
Cart Subtotal
€104.00
Shipping
Flat Rate - Fixed
€0.00
Tax
€10.40
Order Total
€114.40
2 Items in Cart
Fusion Backpack
Qty: 1
€59.00
Wayfarer Messenger Bag
Qty: 1
€45.00
Apply Discount Code
Place Order


Enter your email address
Subscribe
About us
Customer Service
Privacy and Cookie Policy
Search Terms
Advanced Search
Contact Us
Quick Order
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If the layout does not change

Check the store scope, confirm that the module is enabled, clear the relevant Magento caches and verify the generated checkout configuration. If a custom theme restructures the standard Magento checkout, ask your developer to compare it with the layout the module expects.

Address fields

One Step Checkout reads Magento customer and address metadata and applies separate behavior to shipping and billing fields. The Admin builders can reorder fields and set visibility or required state where the field is not locked by Magento's address rules.

Shipping and billing builders

Open **Shipping Address Fields** or **Billing Address Fields** in the One Step Checkout configuration. The field order builder separates available fields from the current order. The field behavior builder provides the visible and required choices for supported fields.

The module keeps core identity and address fields locked when changing their behavior would make the checkout invalid. A Magento address attribute that is required by its metadata also remains required. A hidden field is not validated by the module's order-submit observer.

Custom fields appear only when Magento exposes them through address or customer metadata and the checkout page can render them. Create and test a custom attribute in staging before relying on it in production.

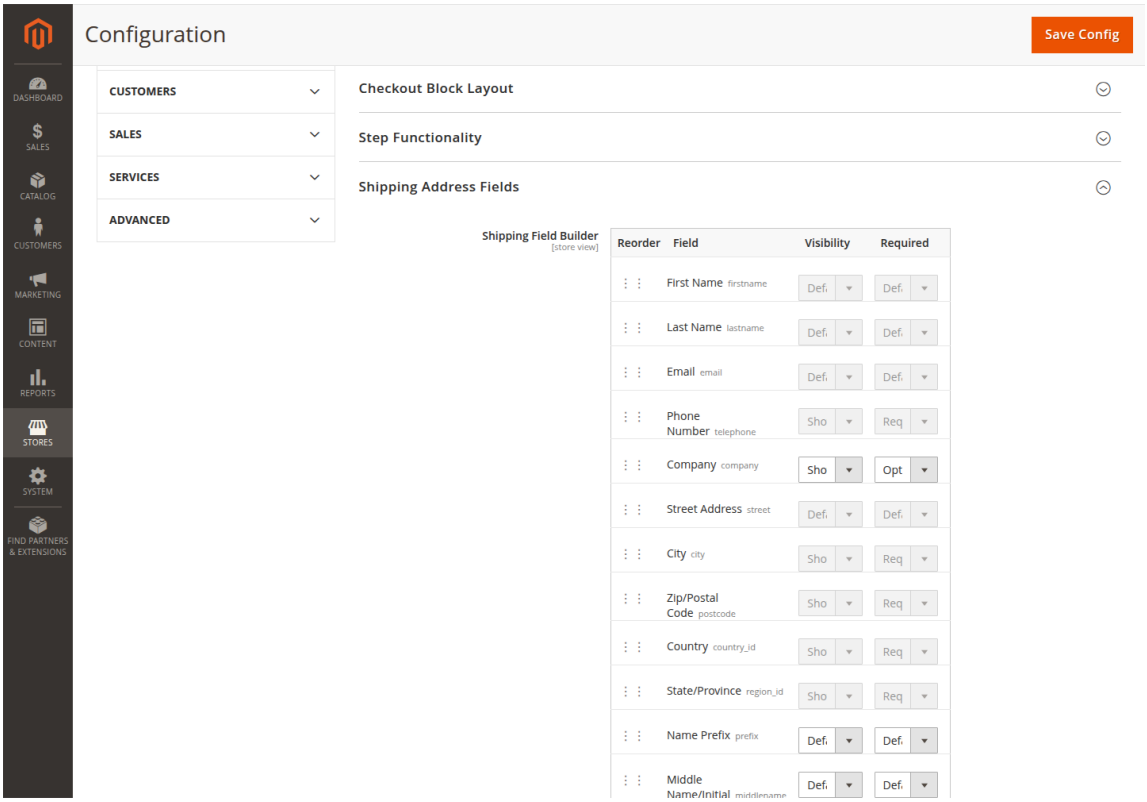
Street, region and autocomplete details

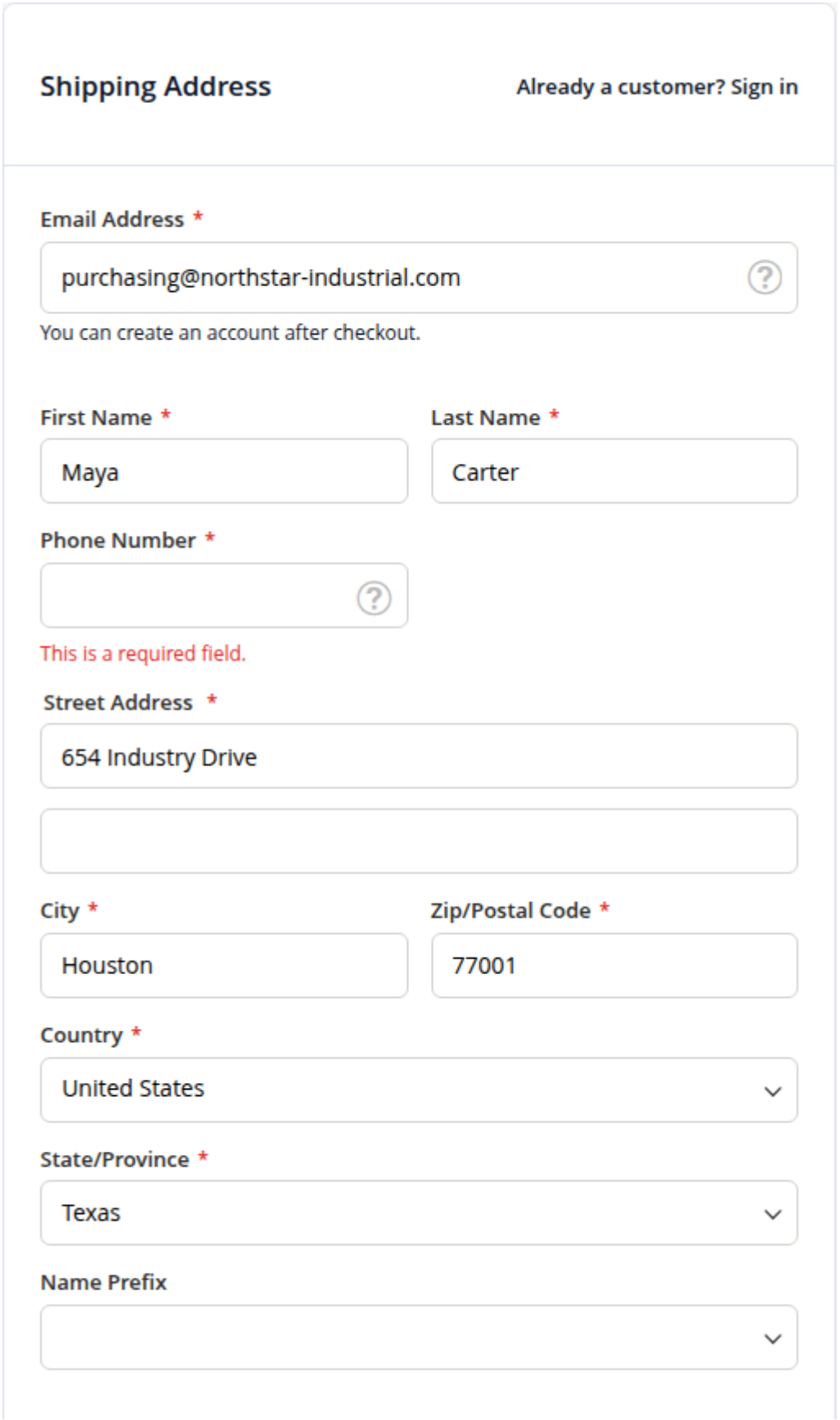
Street values can contain more than one line. The module preserves the street children and removes length checks from optional additional lines so an empty second line does not fail the form. Country changes can switch the region field between a select and an input; the module leaves that Magento component behavior intact.

The module also adds browser autocomplete tokens such as `given-name`, `family-name`, `street-address`, `postal-code` and `country`. These tokens help browsers and password managers identify fields. They do not validate an address or replace Magento's country and region rules.

Submit-time validation

For an active One Step Checkout quote, the submit observer checks fields configured as required and visible. It checks the quote email as a fallback for the address email and accepts either a region ID or region name. A failed check returns a localized required-field error.


Configuration
Save Config
DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
REPORTS
STORES
SYSTEM
FIND PARTNERS & EXTENSIONS
CUSTOMERS
SALES
SERVICES
ADVANCED
Checkout Block Layout
Step Functionality
Shipping Address Fields
Shipping Field Builder
[store view]
Reorder
Field
Visibility
Required
First Name firstname
Last Name lastname
Email email
Phone Number telephone
Company company
Street Address street
City city
Zip/Postal Code postcode
Country country_id
State/Province region_id
Name Prefix prefix
Middle Name/Initial middlename


Shipping Address
Already a customer? Sign in
Email Address *
purchasing@northstar-industrial.com
You can create an account after checkout.
First Name *
Maya
Last Name *
Carter
Phone Number *
This is a required field.
Street Address *
654 Industry Drive
City *
Houston
Zip/Postal Code *
77001
Country *
United States
State/Province *
Texas
Name Prefix

Related

- Configuration reference
- Common issues

Authentication during checkout

When **Enable Authentication** is active, a guest can use the checkout authentication block to sign in or request a password reset. A signed-in customer does not see the block. The current custom template does not render a registration form or registration link, so account creation remains a separate Magento customer flow.

Sign in during checkout

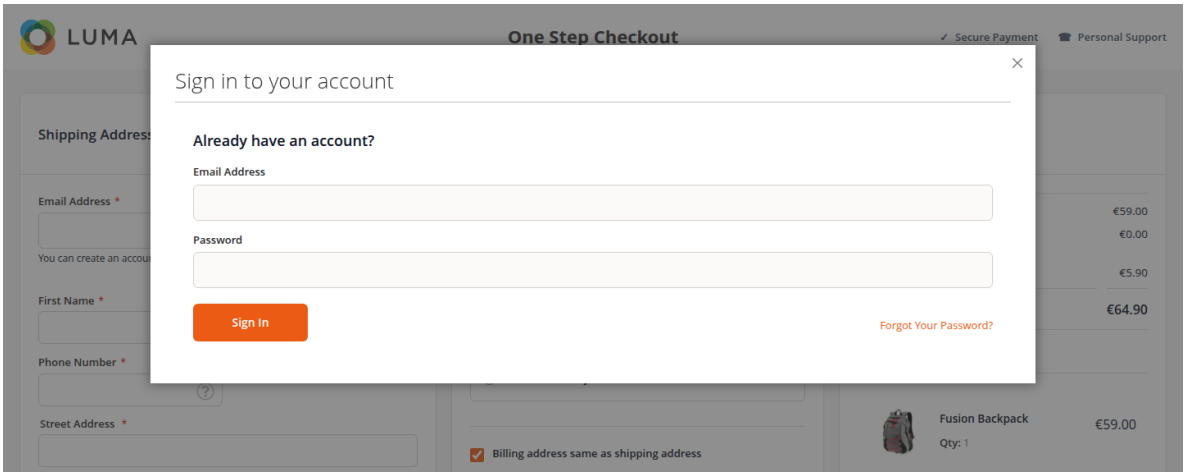
The block submits the normal customer authentication request. After a successful login, customer data, cart data and checkout data are refreshed and the page reloads so the saved customer context is applied to the quote.

If the store uses Customer TFA or another login extension, its normal authentication rules still apply. One Step Checkout does not replace the customer authentication service.

Forgot password

The **Forgot Your Password?** action opens the reset form in the checkout block. A syntactically valid address receives Magento's normal reset request. The response is generic so the form does not reveal whether an account exists. An invalid email is rejected in the form before the request is sent.

Never capture a password, reset URL or reset token in a screenshot.



Troubleshooting

If the block is missing, check the authentication setting, login state, store scope and the checkout component tree. If a login succeeds but the checkout remains in guest state, inspect customer-data invalidation and browser console errors before changing quote data manually.

Shipping and payment

The shipping and payment blocks use Magento's normal quote services. One Step Checkout places them on the same page, but it does not create shipping carriers or payment methods.

Shipping

For a physical quote, the buyer enters or selects a shipping address and chooses one of the rates returned by Magento. Changing the address synchronizes the quote and recollects rates. A quote with no usable rate displays Magento's no-quotes message.

For a virtual quote, the shipping address and shipping method are not required. The payment block remains available.

Payment

The payment block renders the methods that Magento reports as available for the current quote, address, currency, customer and store. Country restrictions, totals, customer-group rules and provider responses still apply.

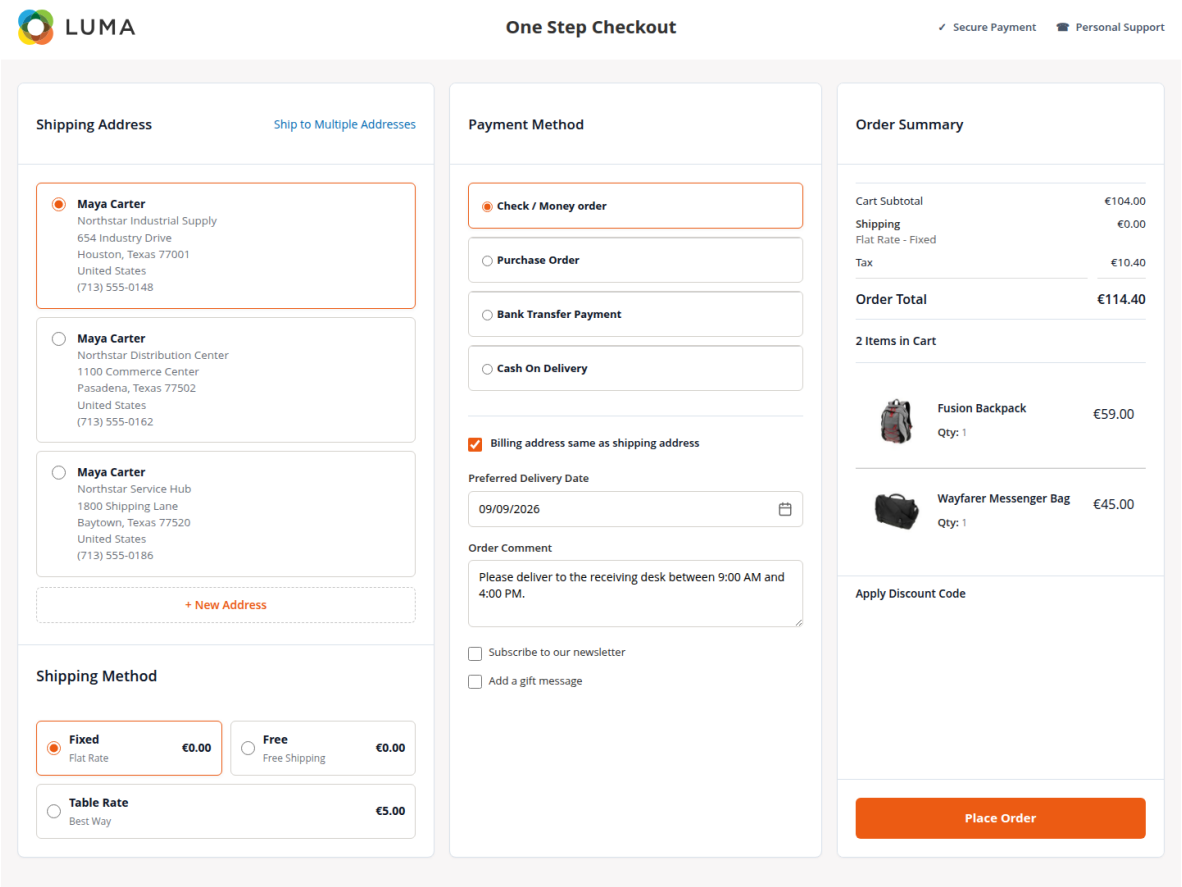
The module can hide the coupon and gift-card components through its functionality settings. Hiding a component does not remove a coupon or gift-card rule from Magento itself.

Terms and conditions

When Magento's terms-and-conditions feature is enabled, **Terms and Conditions Position** in the functionality settings controls where the agreements appear on the one-step checkout page: below the discount code inside the order summary (default) or inside the payment-method section.

Place order

The summary block owns the One Step Checkout place-order action. The flow saves shipping information, saves enabled checkout extras, saves a gift message when enabled, and then calls Magento's normal order action. The button is guarded against duplicate submission and reports a preparation or order error in the checkout message region.



Related

- Checkout extras
- Common issues

Checkout extras

The **Extra Features** group controls optional values collected during checkout. Enable one option at a time while testing so a failed order can be traced to the exact extra.

Order comment

The order-comment field accepts a customer note. The API strips tags and limits the stored value to 1,000 characters. On a successful One Step Checkout order, the value is copied to `sales_order.order_comment` and added to the order status history. The Admin order view escapes the value and preserves line breaks.

Newsletter

The newsletter checkbox can be shown and can be checked by default. A checked choice is stored on the quote and subscribed after Magento has created the order. A failed order does not trigger this observer. The customer email must be present, and the normal newsletter configuration still applies.

Gift message

Gift messages use Magento's `Magento_GiftMessage` feature. Enable both:

1. **MageB2B > One Step Checkout > Extra Features > Enable Gift Message**
2. **Stores > Configuration > Sales > Gift Options > Allow Gift Messages on Order Level**

The buyer expands the gift-message control before entering sender, recipient and message values. The matching order view can show the saved message when Magento has assigned a gift-message ID.

Order comment and delivery date in the confirmation email

To print the order comment or preferred delivery date in the order confirmation email, override the email template and read the fields from the order object:

```
{{var order.getData('order_comment')}}
{{var order.getData('delivery_date')}}
```

Both are stored on `sales_order` as `order_comment` (text) and `delivery_date` (date, `YYYY-MM-DD`).

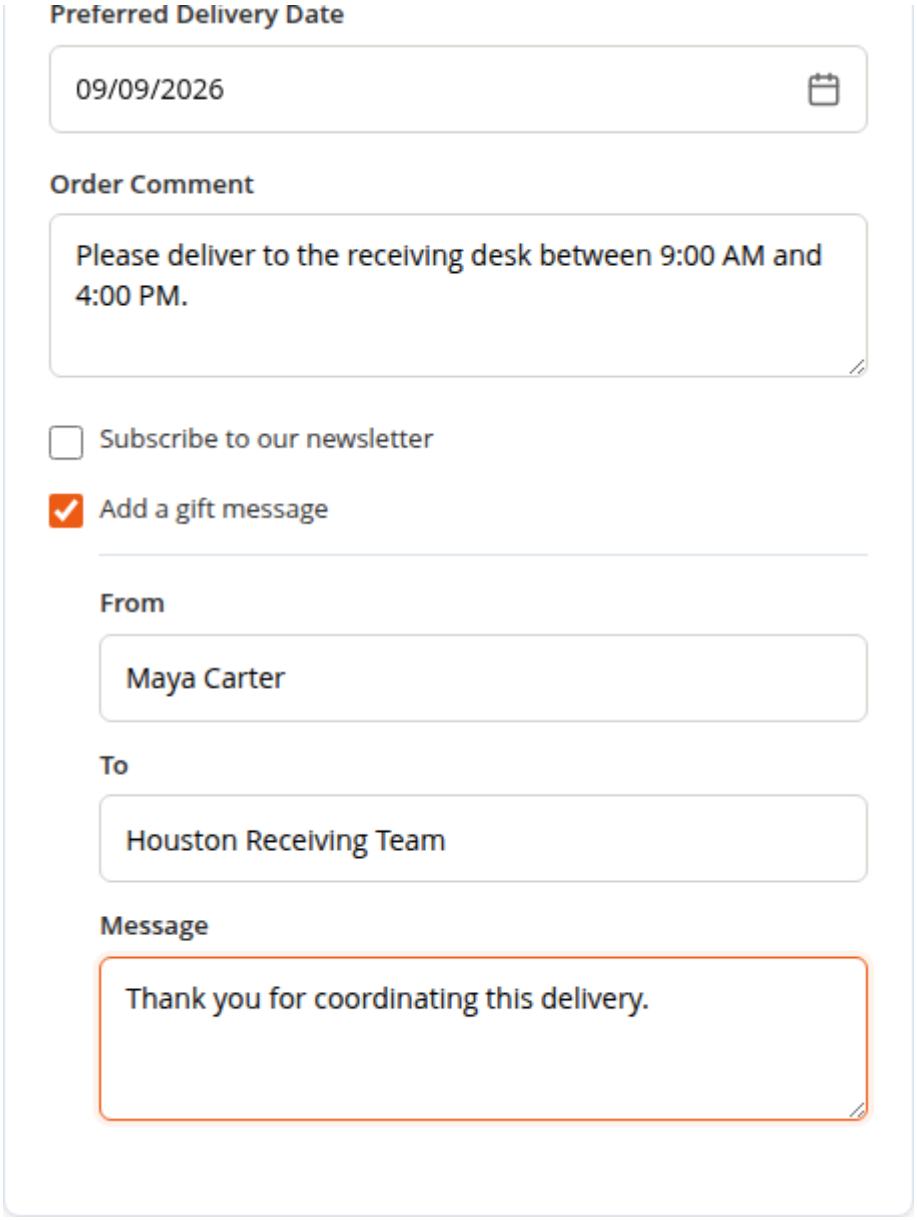
Trust badges

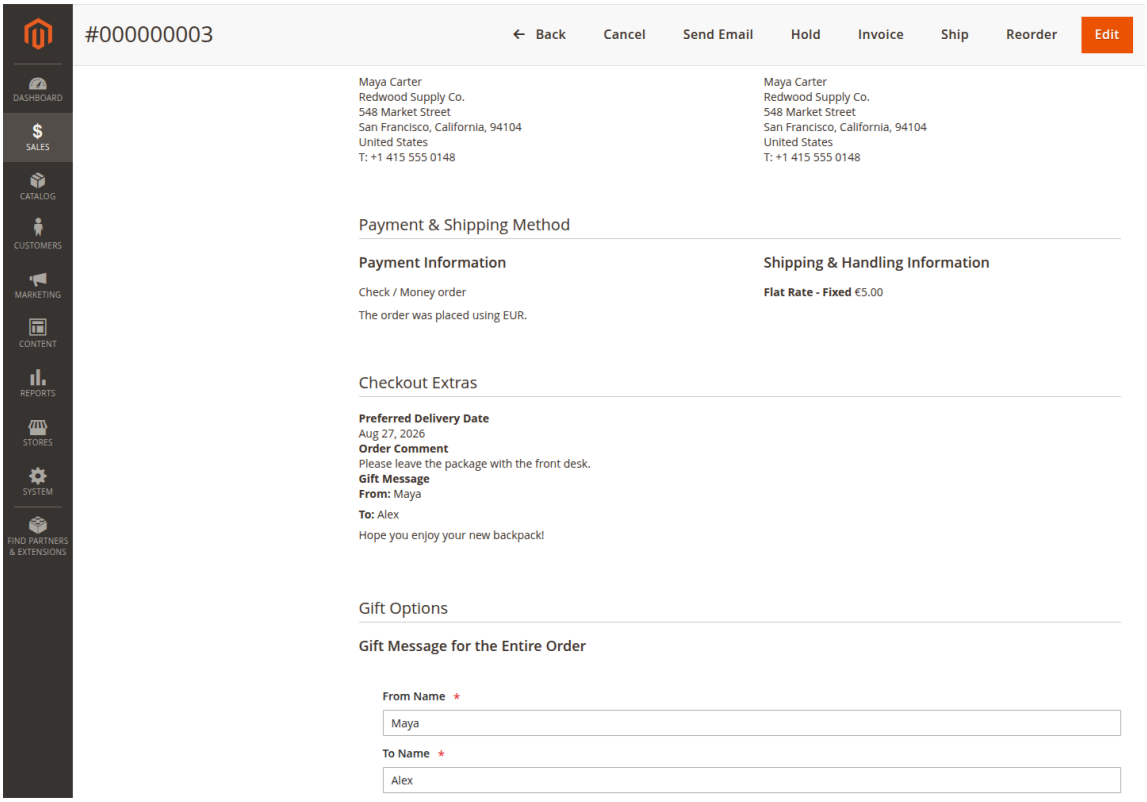
Trust badges are optional HTML rendered below the place-order action. The module processes CMS directives and purifies the result before exposing it to the browser. Use

simple text or safe image markup with descriptive alternative text. Test external image hosts and CSP behavior in the actual store theme.

Live validation

When enabled, the checkout adds visual valid and invalid states while the buyer fills fields. Magento's server-side validation remains authoritative.





Related

- Order extras in Admin
- Checkout extras API

Preferred delivery dates

The delivery-date field lets a buyer select a preferred date within the configured window. It is stored with the order as a date. It is not a carrier promise and does not change the carrier's own rate or transit calculation.

Configure the window

Under **Extra Features**, enable **Enable Delivery Date**, then set:

- **Minimum Lead Time** in days
- **Maximum Advance** in days
- **Disabled Weekdays**
- **Holiday Calendar Country**
- **Additional Blackout Dates**

The window uses the store's timezone. A selected date must be within the minimum and maximum dates, must not use a disabled weekday, and must not be in the resolved blackout list.

Blackout formats

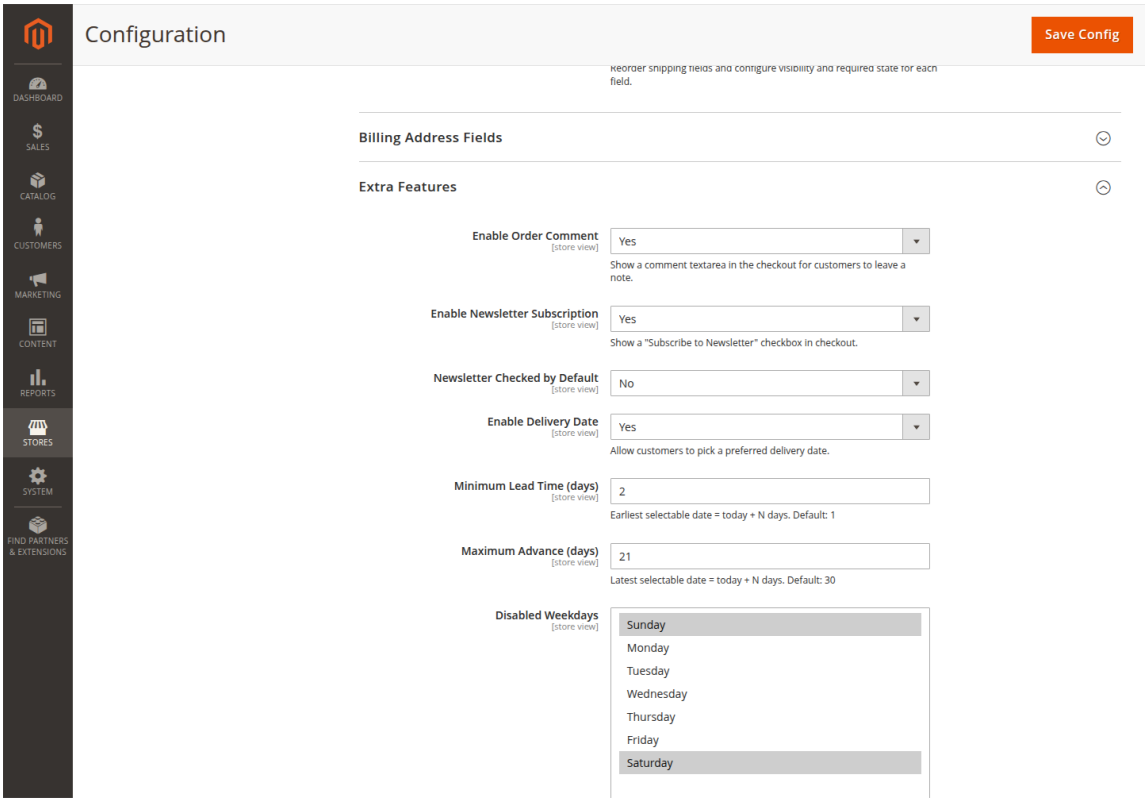
Enter one value per line:

- `YYYY-MM-DD` blocks one date.
- `MM-DD` blocks that month and day every year.

The selected holiday country uses the public-holiday calendar bundled with the module (provided by the Yasumi library) for that country. Choose **None** when no public-holiday calendar should be applied.

Validation and storage

The browser date picker receives the calculated range and blackout dates. The server validates the submitted `YYYY-MM-DD` value again. Invalid, out-of-range, disabled or blacked-out dates are rejected. A valid value is copied to `sales_order.delivery_date` and shown in the success page and Admin order view.


Configuration
Save Config
DASHBOARD
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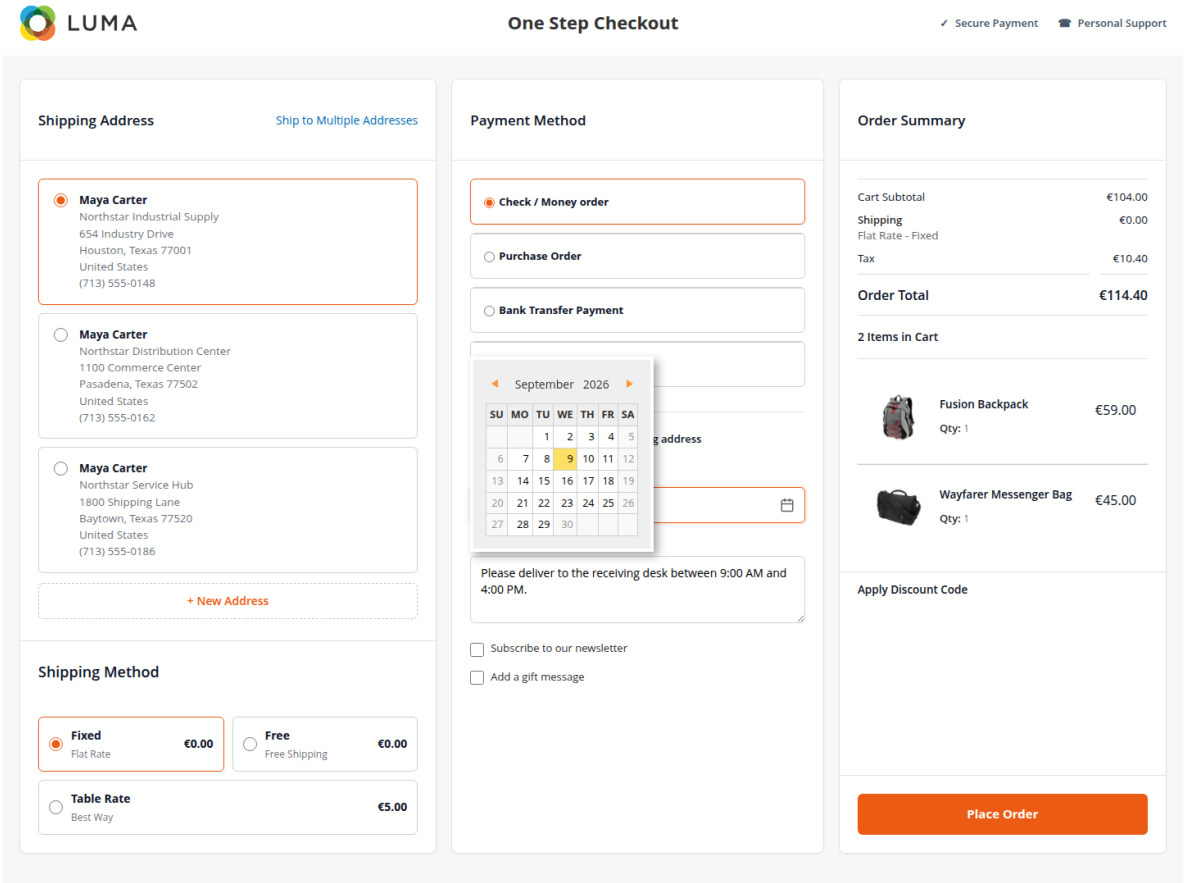
CUSTOMERS
MARKETING
CONTENT
REPORTS
STORES
SYSTEM
FIND PARTNERS & EXTENSIONS
Reorder shipping fields and configure visibility and required state for each field.
Billing Address Fields
Extra Features
Enable Order Comment
[store view]
Yes
Show a comment textarea in the checkout for customers to leave a note.
Enable Newsletter Subscription
[store view]
Yes
Show a "Subscribe to Newsletter" checkbox in checkout.
Newsletter Checked by Default
[store view]
No
Enable Delivery Date
[store view]
Yes
Allow customers to pick a preferred delivery date.
Minimum Lead Time (days)
[store view]
2
Earliest selectable date = today + N days. Default: 1
Maximum Advance (days)
[store view]
21
Latest selectable date = today + N days. Default: 30
Disabled Weekdays
[store view]
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday


LUMA
One Step Checkout
Secure Payment
Personal Support
Shipping Address
Ship to Multiple Addresses
Maya Carter
Northstar Industrial Supply
654 Industry Drive
Houston, Texas 77001
United States
(713) 555-0148
Maya Carter
Northstar Distribution Center
1100 Commerce Center
Pasadena, Texas 77502
United States
(713) 555-0162
Maya Carter
Northstar Service Hub
1800 Shipping Lane
Baytown, Texas 77520
United States
(713) 555-0186
+ New Address
Shipping Method
Fixed
Flat Rate
€0.00
Free
Free Shipping
€0.00
Table Rate
Best Way
€5.00
Payment Method
Check / Money order
Purchase Order
Bank Transfer Payment
September 2026
SU MO TU WE TH FR SA
Please deliver to the receiving desk between 9:00 AM and 4:00 PM.
Subscribe to our newsletter
Add a gift message
Order Summary
Cart Subtotal €104.00
Shipping €0.00
Flat Rate - Fixed
Tax €10.40
Order Total €114.40
2 Items in Cart
Fusion Backpack
Qty: 1
€59.00
Wayfarer Messenger Bag
Qty: 1
€45.00
Apply Discount Code
Place Order

Google Places autocomplete

Google Places autocomplete is optional. Configure an encrypted **Google Places API Key** under **Extra Features** and optionally restrict suggestions to selected countries. Leave the key empty to disable the integration.

The module loads the Places script only when a key is available. Its CSP whitelist allows the Google Maps and Places hosts required by the integration. The selected suggestion is used to populate Magento's normal address fields, including country and region mapping. The buyer can still edit the values before placing the order.

Safe setup

Restrict the key to the relevant store domains and enable only the APIs required by the configured Google service. Do not paste the key into a screenshot, article or support ticket. Verify the key in a controlled staging environment before using it on a public store.

Country restrictions

The country restriction is optional. With no countries selected, the module does not add a country filter. When countries are selected, the browser request receives the configured restriction. Magento's own country and region validation still applies after the suggestion is chosen.

If no suggestions appear

Check the encrypted Admin value, allowed API referrers, browser console, Content-Security-Policy response headers (the browser security rules for external scripts) and the network request. An empty key deliberately produces no autocomplete script or element. A manually entered address should continue to work when autocomplete is disabled.

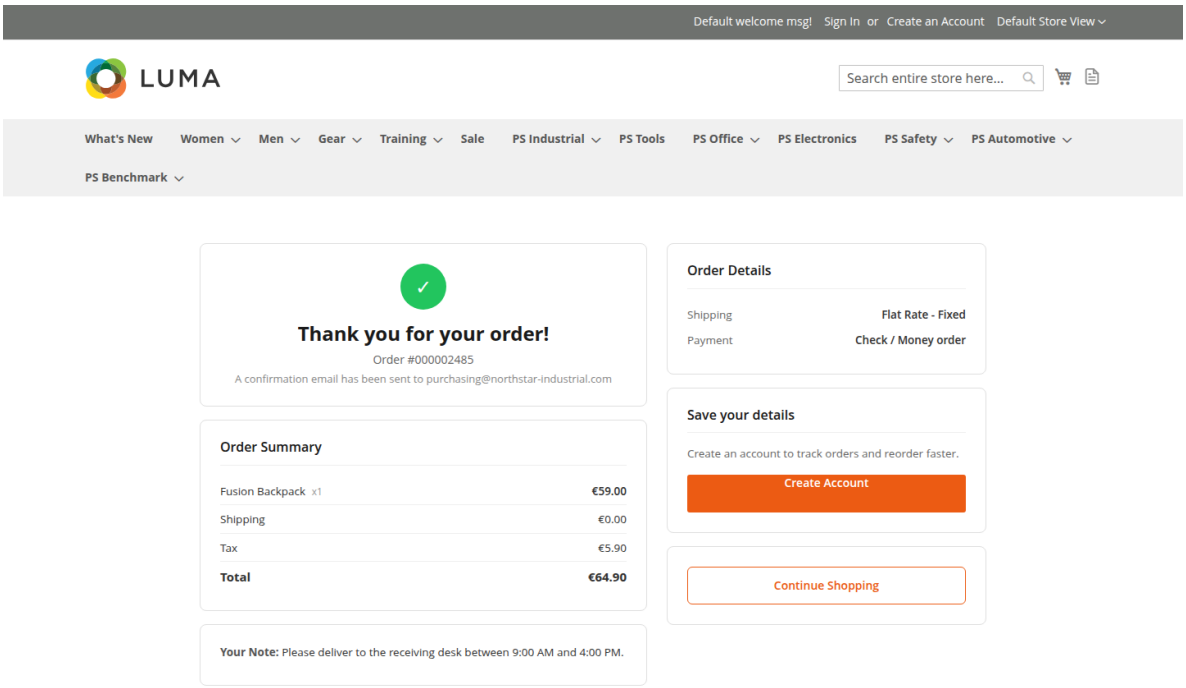
Custom success page

The **Success Page** group can replace Magento's default success content with the module's order summary. Choose one column or two columns when the custom page is enabled.

The page can show the order increment ID, customer name and email, item rows, totals, shipping and payment labels, the saved order comment and preferred delivery date. A guest receives a link to continue shopping and a link to create an account.

The page is rendered only when a completed order is available. If no order can be resolved, the custom block returns no content rather than exposing an unrelated order.

The optional purchase event is emitted through the GA4 consent-aware integration. See GA4 tracking and consent.



Layout choice

- **1 Column** centers the order details.
- **2 Columns** separates the main order details from the side information.

Check both the guest and signed-in result when the store's success-page content differs by customer state.

GA4 tracking and consent

Enter a GA4 Measurement ID under **GA4 Tracking** to enable the module's checkout events. A GTM container or `gtag.js` integration must already be available in the store. One Step Checkout does not create an analytics property.

Events

The module prepares these Enhanced Ecommerce events:

- `begin_checkout` when checkout initializes
- `add_shipping_info` after a shipping method is selected
- `add_payment_info` after a payment method is selected
- `purchase` on the custom success page when a completed order and measurement ID are available

The purchase payload uses the order increment ID, value, currency, tax, shipping amount and visible order items.

Consent behavior

The checkout reads Magento cookie-restriction mode and the configured consent cookie. When restriction mode is active without consent, the GA4 loader and events remain blocked. When restriction mode is disabled, a configured measurement ID can load the tracking integration.

Test the browser network and data layer with a synthetic measurement ID. Do not expose a live analytics property in documentation screenshots or test fixtures.

Cart recovery

Cart recovery sends a configured Magento email for an eligible active quote that has items and has not been updated within the configured threshold. The cron job runs in Magento's `default` group once per hour.

Configure recovery

Under **Cart Recovery**, enable the feature and select an email template that provides the `recovery_url`, `items_html` and related variables. Set the abandoned-cart threshold and choose how a recovered cart interacts with an existing cart:

- **Merge with the existing cart** combines compatible carts and recollects totals.
- **Replace the existing cart** deactivates the current active quote and uses the recovered quote.

Quotes without a recipient email are deferred. The retry interval and maximum missing-email attempts prevent a quote without a recipient from being retried on every cron run. Adding a recipient resets the deferred state.

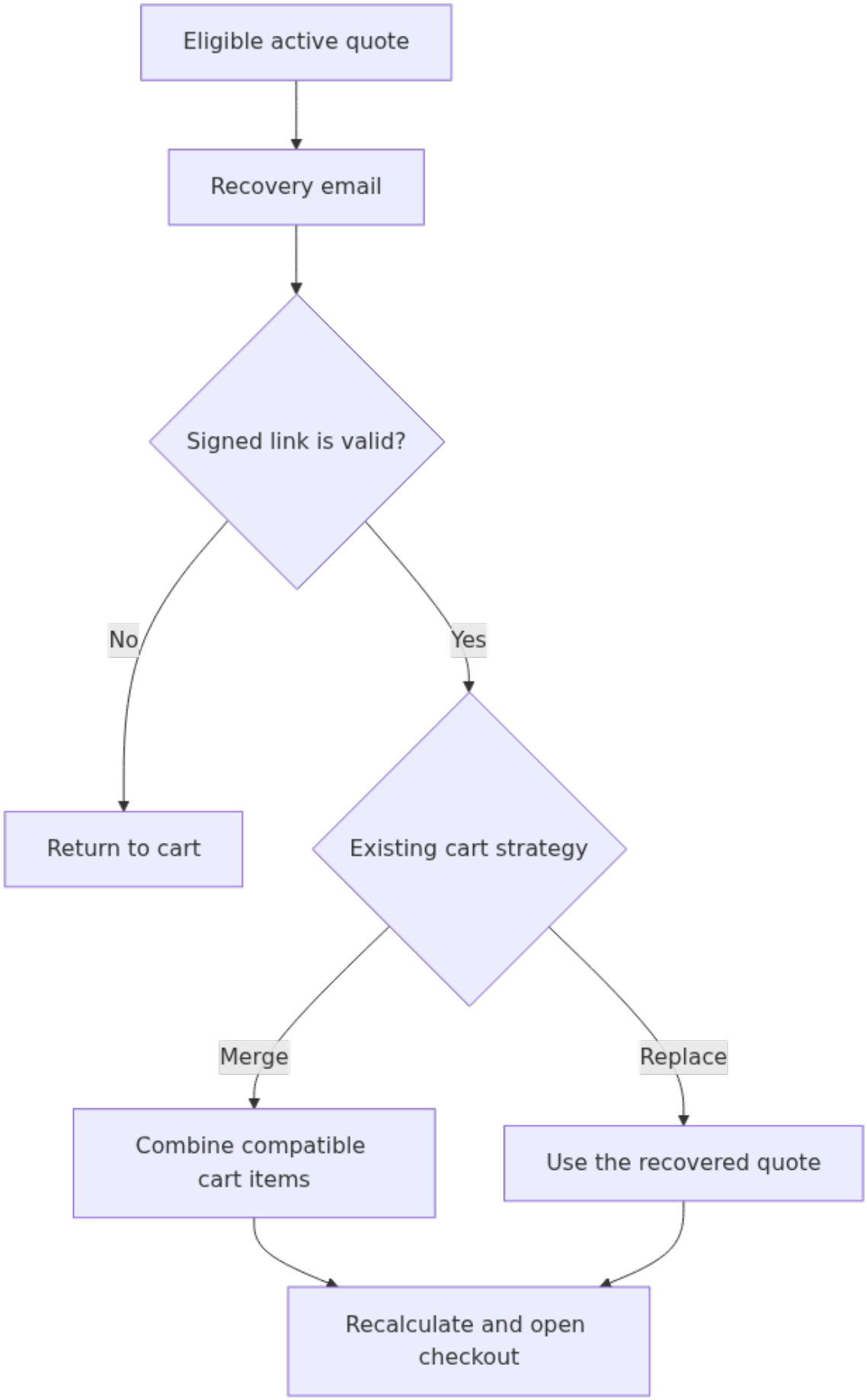
Recovery links

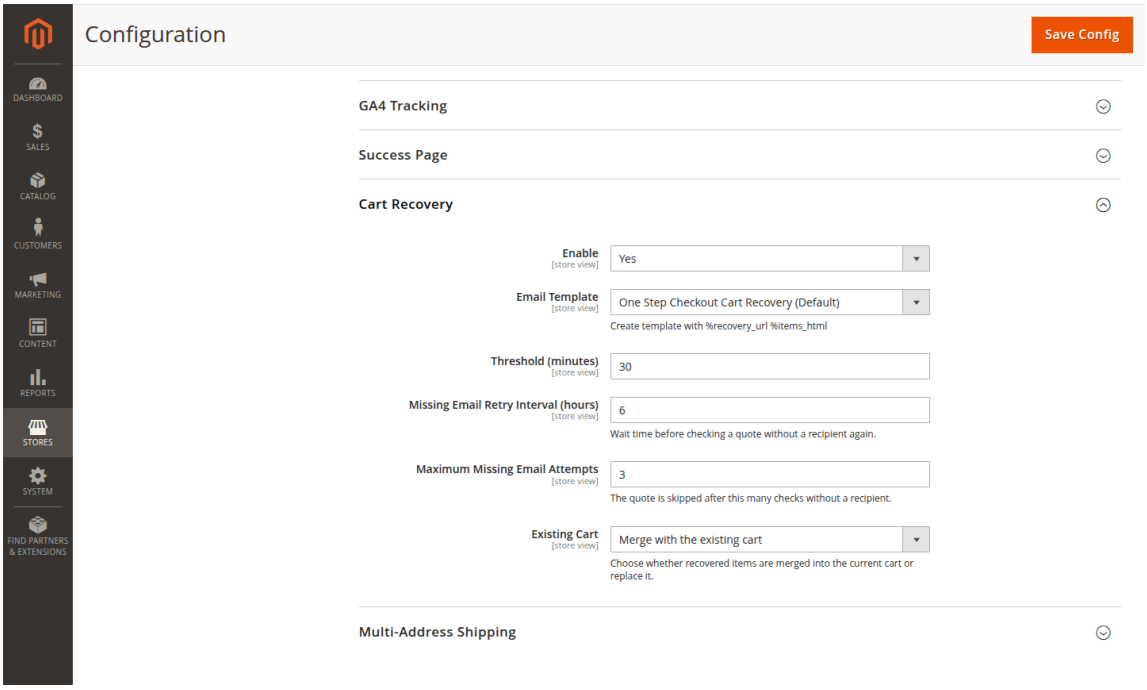
The email contains a signed link. Registered-customer links identify the quote by its numeric ID and require the same customer session. Guest links use Magento's masked quote ID — a non-guessable identifier Magento assigns to guest carts so strangers cannot reach another shopper's cart by guessing a number. Both link types also verify the store and active quote state. The signed link expires after seven days.

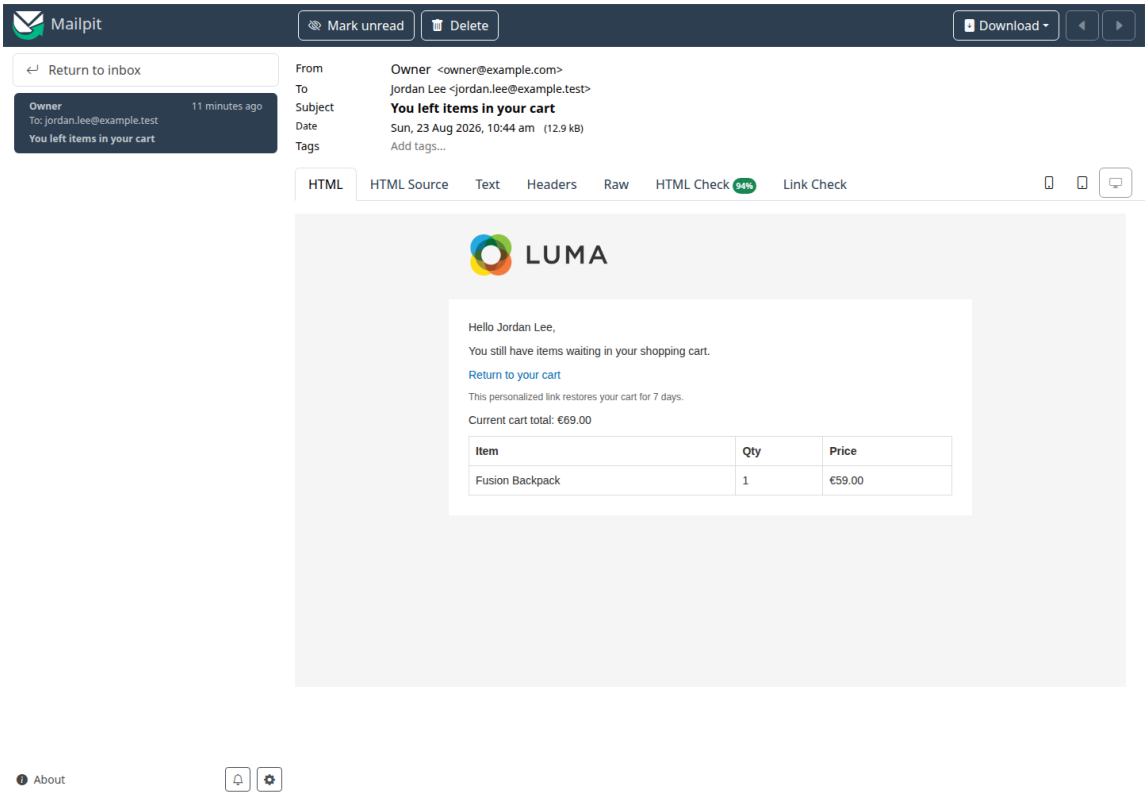
If a registered customer is not signed in, the recovery request stores the link as the customer login return URL. A tampered, expired, inactive, wrong-customer or wrong-store link is rejected and returns the visitor to the cart.

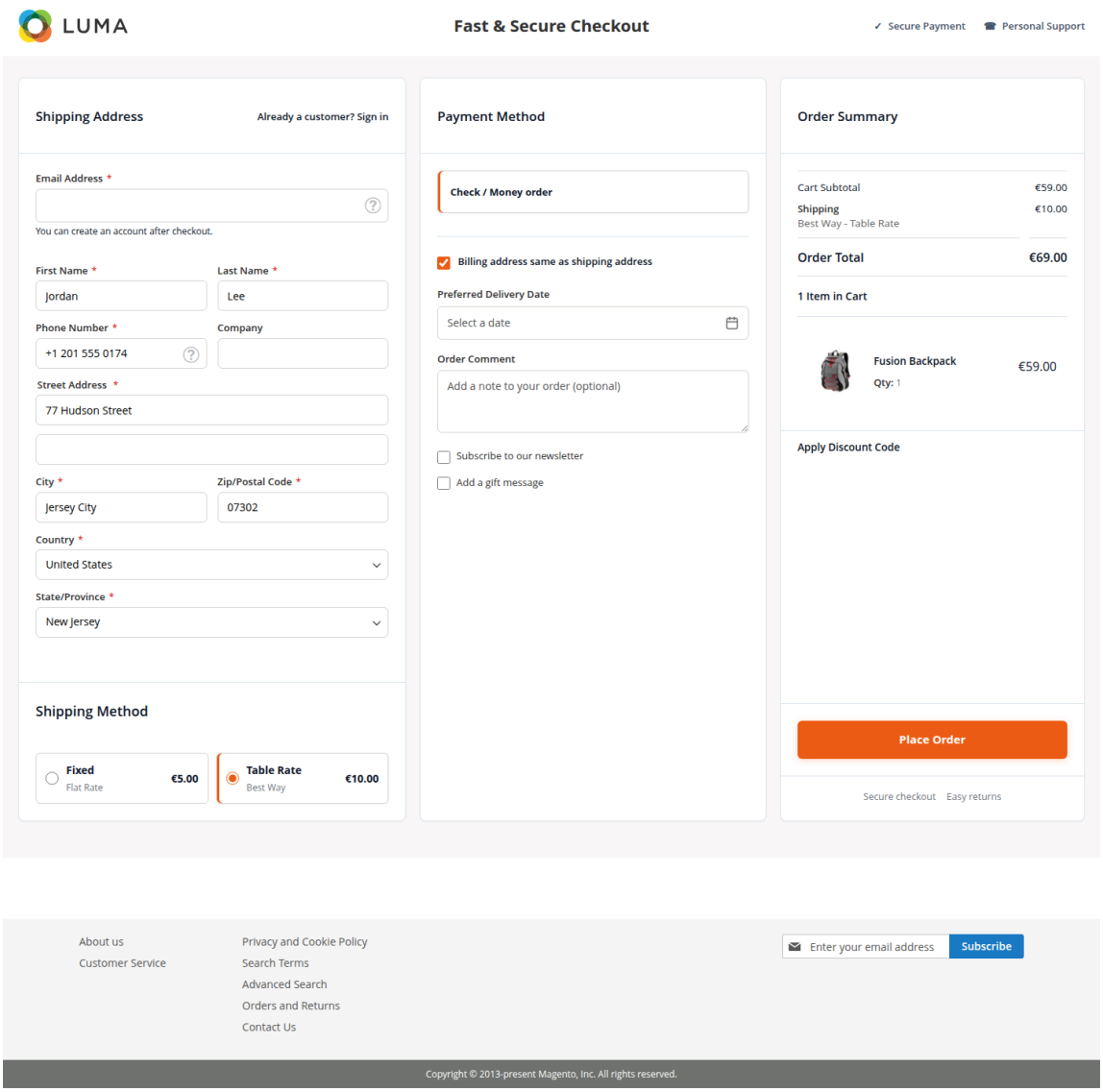
Recovery result

After access checks pass, the module replaces or merges the active quote and redirects to Magento checkout. Product availability and current totals still belong to Magento and should be checked before the buyer places the order.


Eligible active quote
Recovery email
Signed link is valid?
No
Yes
Return to cart
Existing cart strategy
Merge
Replace
Combine compatible cart items
Use the recovered quote
Recalculate and open checkout


Configuration
Save Config
DASHBOARD
SALES
CATALOG
CUSTOMERS
MARKETING
CONTENT
REPORTS
STORES
SYSTEM
FIND PARTNERS & EXTENSIONS
GA4 Tracking
Success Page
Cart Recovery
Enable
[store view]
Yes
Email Template
[store view]
One Step Checkout Cart Recovery (Default)
Create template with %recovery_url %items_html
Threshold (minutes)
[store view]
30
Missing Email Retry Interval (hours)
[store view]
6
Wait time before checking a quote without a recipient again.
Maximum Missing Email Attempts
[store view]
3
The quote is skipped after this many checks without a recipient.
Existing Cart
[store view]
Merge with the existing cart
Choose whether recovered items are merged into the current cart or replace it.
Multi-Address Shipping


Mailpit
Mark unread
Delete
Download
Return to inbox
Owner
11 minutes ago
To: jordan.lee@example.test
You left items in your cart
From
Owner <owner@example.com>
To
Jordan Lee <jordan.lee@example.test>
Subject
You left items in your cart
Date
Sun, 23 Aug 2026, 10:44 am (12.9 kB)
Tags
Add tags...
HTML
HTML Source
Text
Headers
Raw
HTML Check 94%
Link Check
LUMA
Hello Jordan Lee,
You still have items waiting in your shopping cart.
Return to your cart
This personalized link restores your cart for 7 days.
Current cart total: €69.00
Item
Qty
Price
Fusion Backpack
1
€59.00
About



Related

- Common issues
- Checkout extras API

Multi-address shipping

Multi-address shipping lets a signed-in customer split one cart across several delivery addresses. The complete process stays in the One Step Checkout design: the customer assigns products, selects shipping details for each destination, enters the billing information, reviews the grouped order and places it from the same checkout flow.

Magento creates a separate order for every delivery address. Each order receives its own order number, shipping address, shipping method and totals, while the customer chooses one billing address and payment method for the checkout.

Enable the feature

Both Magento and One Step Checkout must allow multi-address shipping:

1. Open **Stores > Configuration > Sales > Multishipping Settings** and enable **Allow Shipping to Multiple Addresses**.
2. Check **Maximum Qty Allowed for Shipping to Multiple Addresses** and choose a limit that suits your catalog and fulfillment process.
3. Open **Stores > Configuration > MageB2B > One Step Checkout > Multi-Address Shipping** and set **Enable** to **Yes**.
4. Save the configuration and clear the Magento configuration cache.

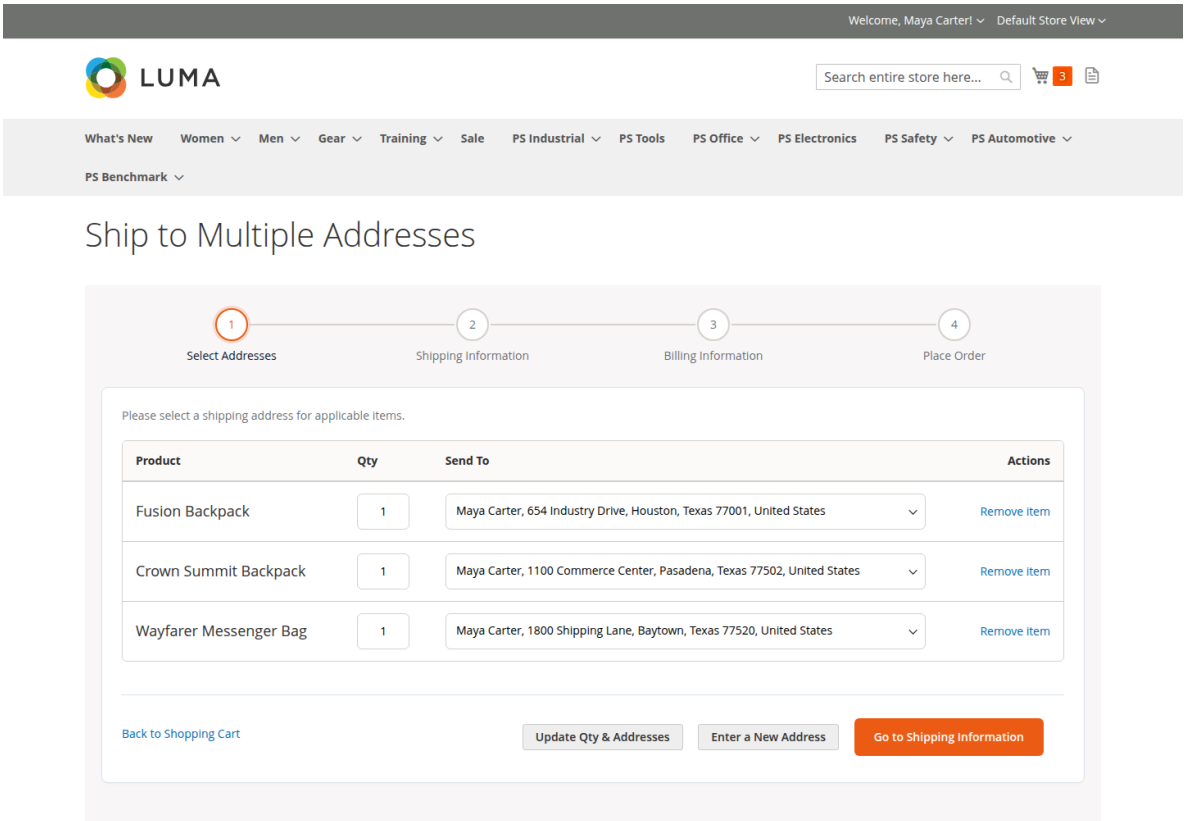
The **Ship to Multiple Addresses** link appears in One Step Checkout only when all of these conditions are met:

- the customer is signed in;
- the cart contains physical products and has no quote error;
- One Step Checkout and its multi-address option are enabled;
- Magento's own multi-address setting is enabled;
- the cart stays within Magento's configured quantity limit.

Guest checkouts and carts containing only virtual products continue through the regular one-page checkout. If a customer enters Magento's native multi-address route directly, the module sends an eligible checkout into the integrated flow as well.

1. Assign products to addresses

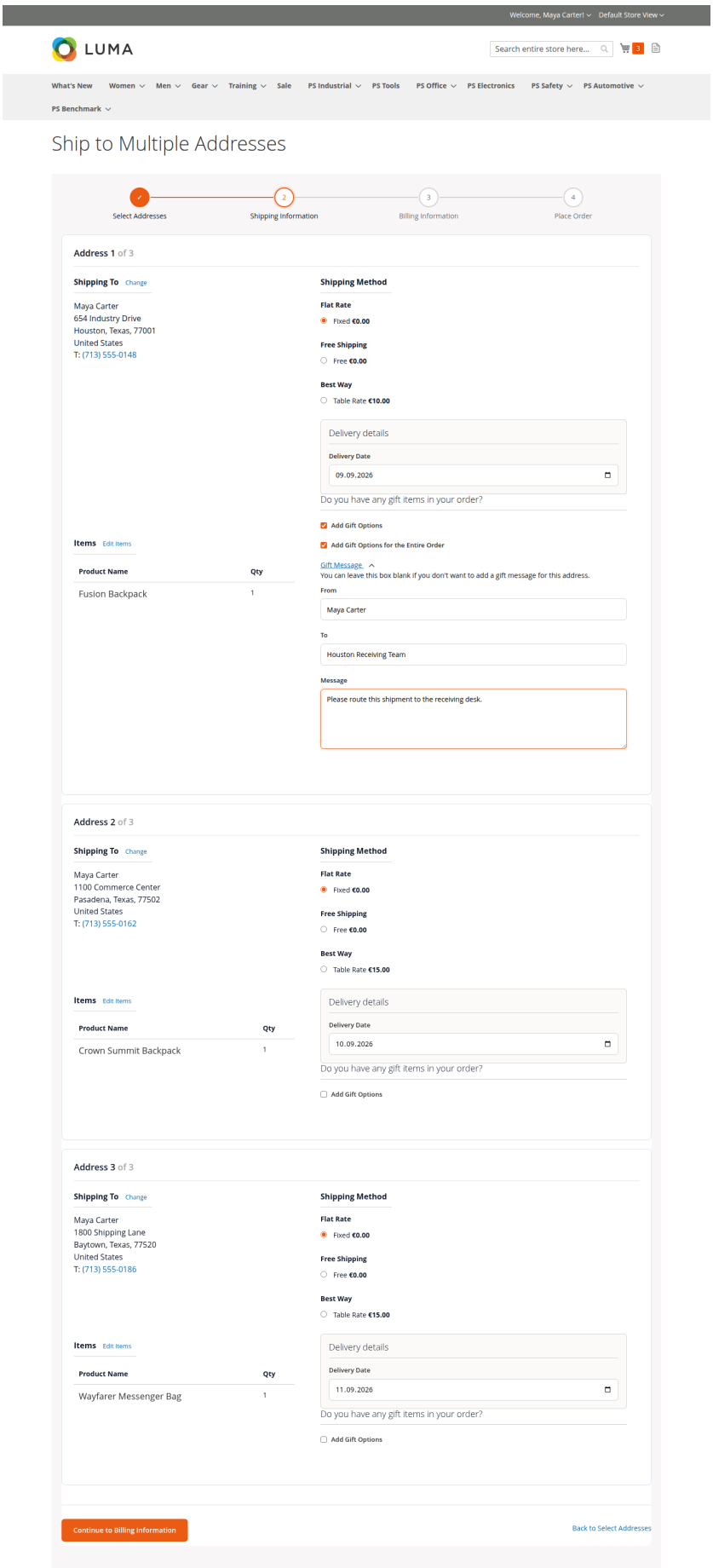
The first step lists every shippable product and quantity in the cart. The customer can assign each quantity to a saved address, enter another address or remove an item before continuing. Splitting a quantity creates separate rows so that units of the same product can be sent to different destinations.



2. Select shipping details for each address

The shipping step groups the assigned products by destination. For each address, the customer selects one of the available Magento shipping methods. When the corresponding checkout extras are enabled, each destination can also have its own preferred delivery date and gift message.

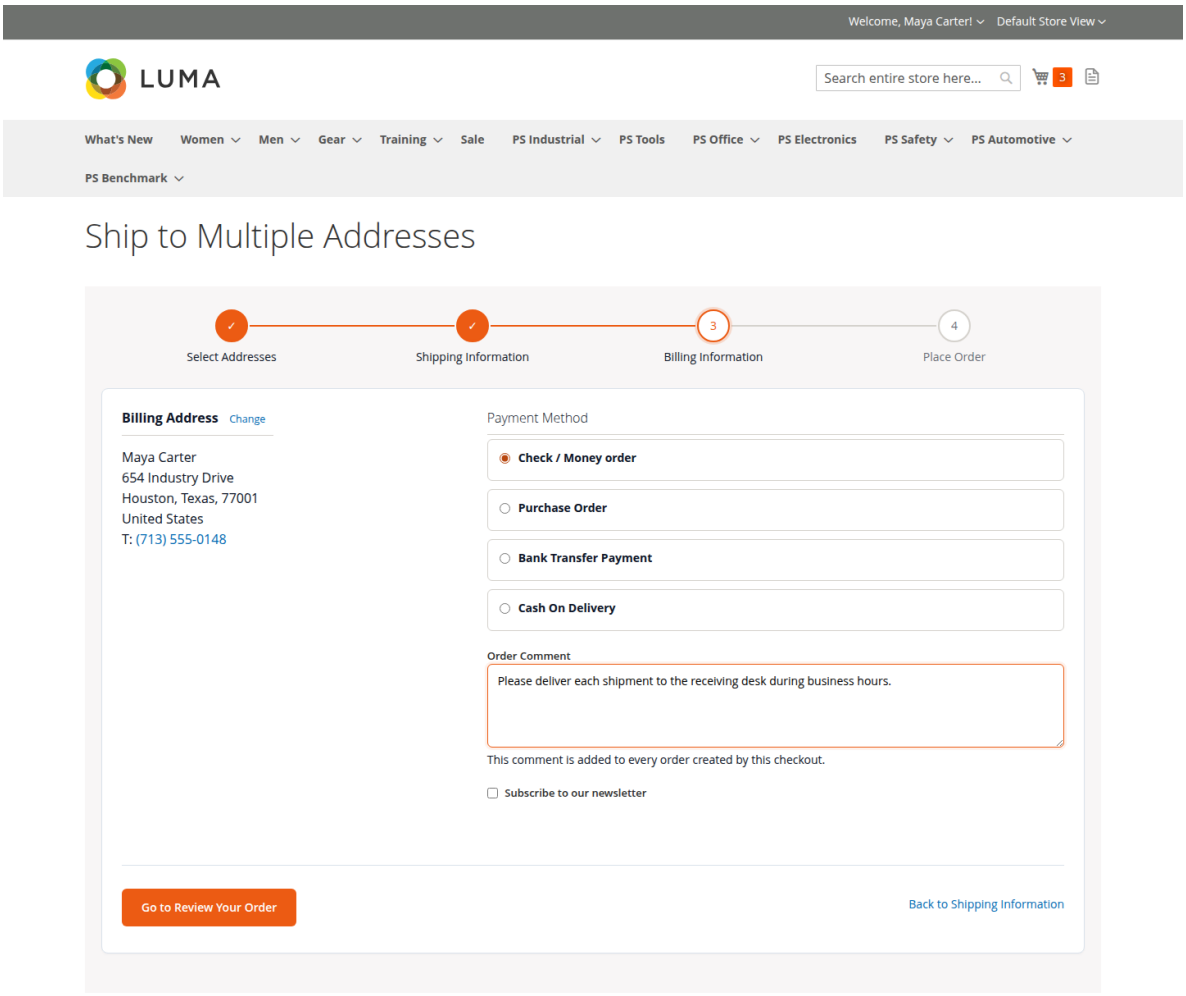
Delivery dates are checked against the configured lead time, available weekdays and blackout dates. Shipping rates still come from the active Magento carriers and their normal country, cart and customer-group rules.


Welcome, Maya Carter! Default Store View
LUMA
Search entire store here...
What's New Women Men Gear Training Sale PS Industrial PS Tools PS Office PS Electronics PS Safety PS Automotive PS Benchmark
Ship to Multiple Addresses
Select Addresses
Shipping Information
Billing Information
Place Order
Address 1 of 3
Shipping To Change
Maya Carter
654 Industry Drive
Houston, Texas, 77001
United States
T: (713) 555-0148
Shipping Method
Flat Rate
Fixed €0.00
Free Shipping
Free €0.00
Best Way
Table Rate €10.00
Delivery details
Delivery Date
09.09.2026
Do you have any gift items in your order?
Add Gift Options
Add Gift Options for the Entire Order
Items Edit Items
Product Name
Qty
Fusion Backpack
1
Gift Message
You can leave this box blank if you don't want to add a gift message for this address.
From
Maya Carter
To
Houston Receiving Team
Message
Please route this shipment to the receiving desk.
Address 2 of 3
Shipping To Change
Maya Carter
1100 Commerce Center
Pasadena, Texas, 77502
United States
T: (713) 555-0162
Shipping Method
Flat Rate
Fixed €0.00
Free Shipping
Free €0.00
Best Way
Table Rate €15.00
Items Edit Items
Product Name
Qty
Crown Summit Backpack
1
Delivery details
Delivery Date
10.09.2026
Do you have any gift items in your order?
Add Gift Options
Address 3 of 3
Shipping To Change
Maya Carter
1800 Shipping Lane
Baytown, Texas, 77520
United States
T: (713) 555-0186
Shipping Method
Flat Rate
Fixed €0.00
Free Shipping
Free €0.00
Best Way
Table Rate €15.00
Items Edit Items
Product Name
Qty
Wayfarer Messenger Bag
1
Delivery details
Delivery Date
11.09.2026
Do you have any gift items in your order?
Add Gift Options
Continue to Billing Information
Back to Select Addresses

3. Enter billing and payment information

The billing step uses one billing address and one payment method for the checkout. The customer can change the billing address before continuing. If order comments or newsletter signup are enabled, those fields appear here as well.

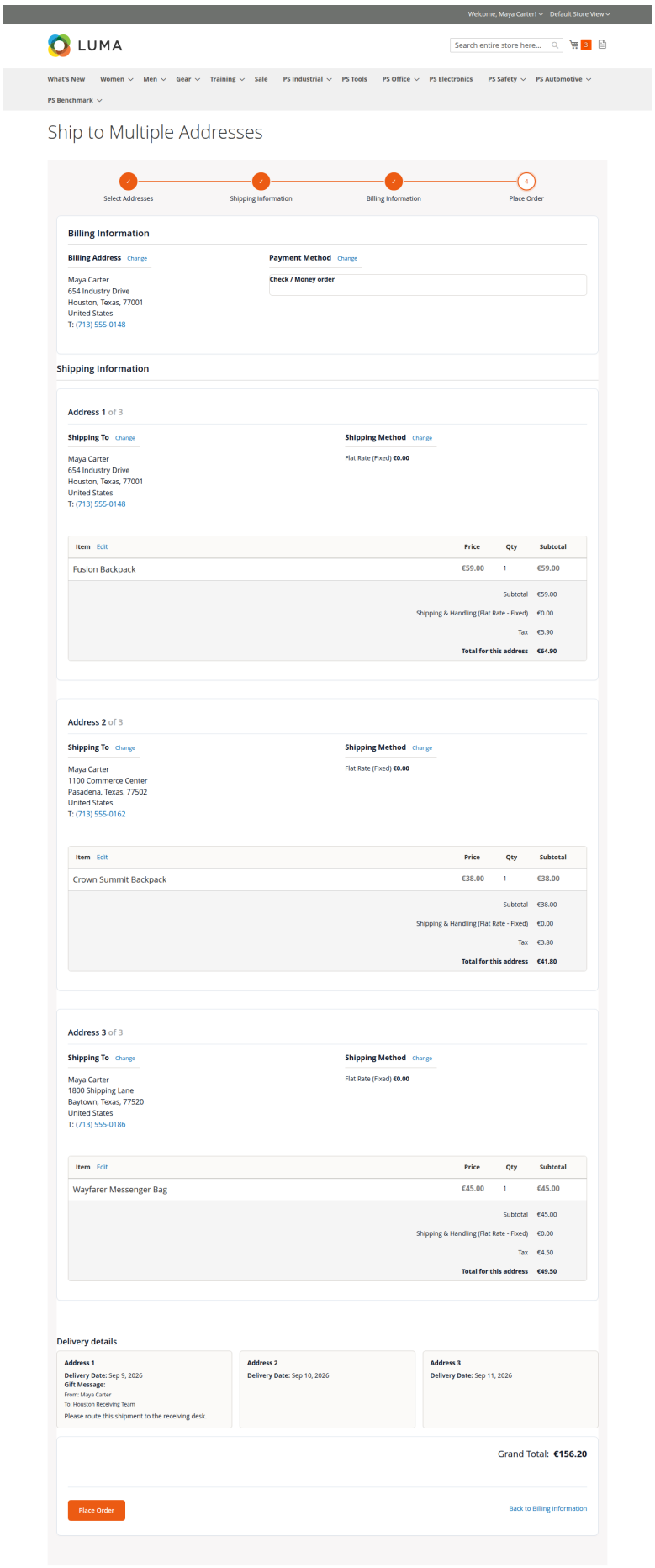
An order comment applies to every order created by this checkout. Address-specific delivery dates and gift messages remain attached to their respective deliveries.



4. Review and place the orders

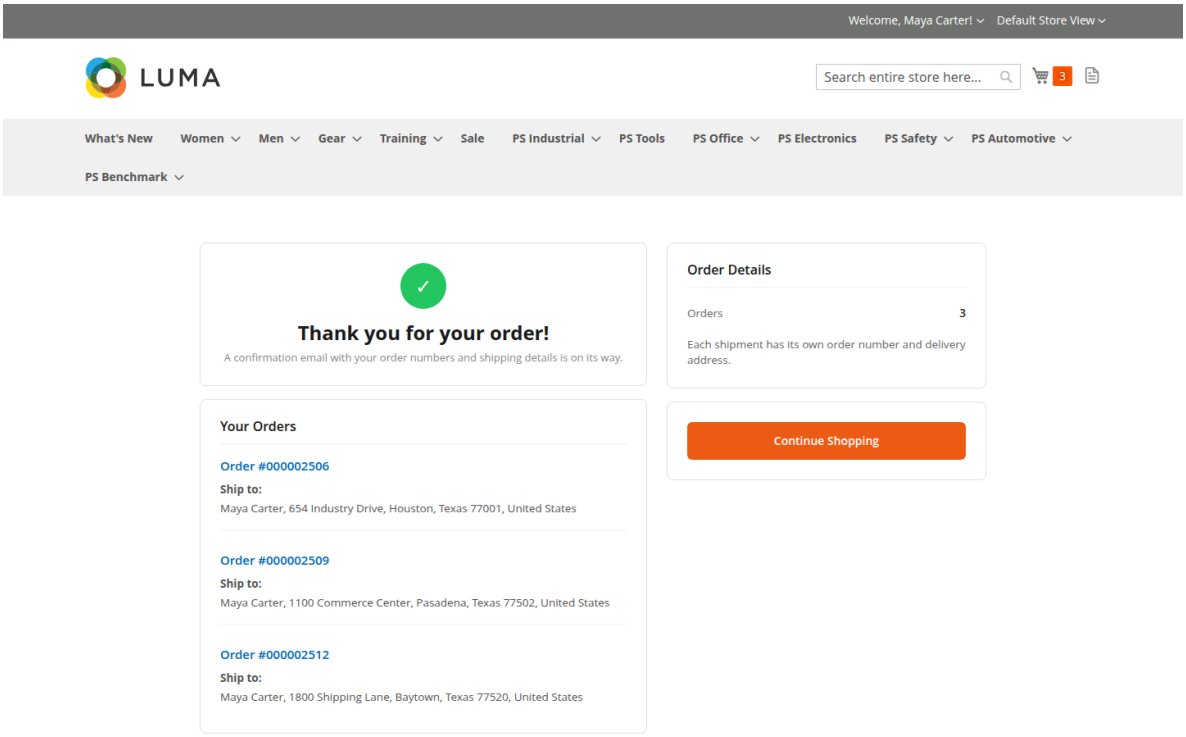
The final review groups products, shipping methods, delivery details and totals by address. Customers can return to the relevant step to correct an address, shipping method or billing selection before placing the orders.

The displayed grand total covers all destinations. Selecting **Place Order** runs Magento's multi-address order process and creates one order per shipping address.


Welcome, Maya Carter! Default Store View
LUMA
Search entire store here...
What's New Women Men Gear Training Sale PS Industrial PS Tools PS Office PS Electronics PS Safety PS Automotive
PS Benchmark
Ship to Multiple Addresses
Select Addresses
Shipping Information
Billing Information
Place Order
Billing Information
Billing Address Change
Maya Carter
654 Industry Drive
Houston, Texas, 77001
United States
T: (713) 555-0148
Payment Method Change
Check / Money order
Shipping Information
Address 1 of 3
Shipping To Change
Maya Carter
654 Industry Drive
Houston, Texas, 77001
United States
T: (713) 555-0148
Shipping Method Change
Flat Rate (Fixed) €0.00
Item Edit
Price
Qty
Subtotal
Fusion Backpack
€59.00
1
€59.00
Subtotal €59.00
Shipping & Handling (Flat Rate - Fixed) €0.00
Tax €5.90
Total for this address €64.90
Address 2 of 3
Shipping To Change
Maya Carter
1100 Commerce Center
Pasadena, Texas, 77502
United States
T: (713) 555-0162
Shipping Method Change
Flat Rate (Fixed) €0.00
Item Edit
Price
Qty
Subtotal
Crown Summit Backpack
€38.00
1
€38.00
Subtotal €38.00
Shipping & Handling (Flat Rate - Fixed) €0.00
Tax €3.80
Total for this address €41.80
Address 3 of 3
Shipping To Change
Maya Carter
1800 Shipping Lane
Baytown, Texas, 77520
United States
T: (713) 555-0186
Shipping Method Change
Flat Rate (Fixed) €0.00
Item Edit
Price
Qty
Subtotal
Wayfarer Messenger Bag
€45.00
1
€45.00
Subtotal €45.00
Shipping & Handling (Flat Rate - Fixed) €0.00
Tax €4.50
Total for this address €49.50
Delivery details
Address 1
Delivery Date: Sep 9, 2026
Gift Message:
From: Maya Carter
To: Houston Receiving Team
Please route this shipment to the receiving desk.
Address 2
Delivery Date: Sep 10, 2026
Address 3
Delivery Date: Sep 11, 2026
Grand Total: €156.20
Place Order
Back to Billing Information

Order confirmation

After a successful checkout, the One Step Checkout confirmation page lists every generated order number together with its delivery address. Signed-in customers can open the individual orders from this list.



What is stored on each order?

Each generated Magento order keeps the products, quantities, shipping address, shipping method and totals for its own destination. Preferred delivery dates and gift messages remain address-specific. A shared order comment is copied to every order so the note is not lost when Magento separates the cart into several orders.

Open the resulting records under **Sales > Orders** to verify the individual order numbers, addresses and checkout extras.

Order extras in Admin

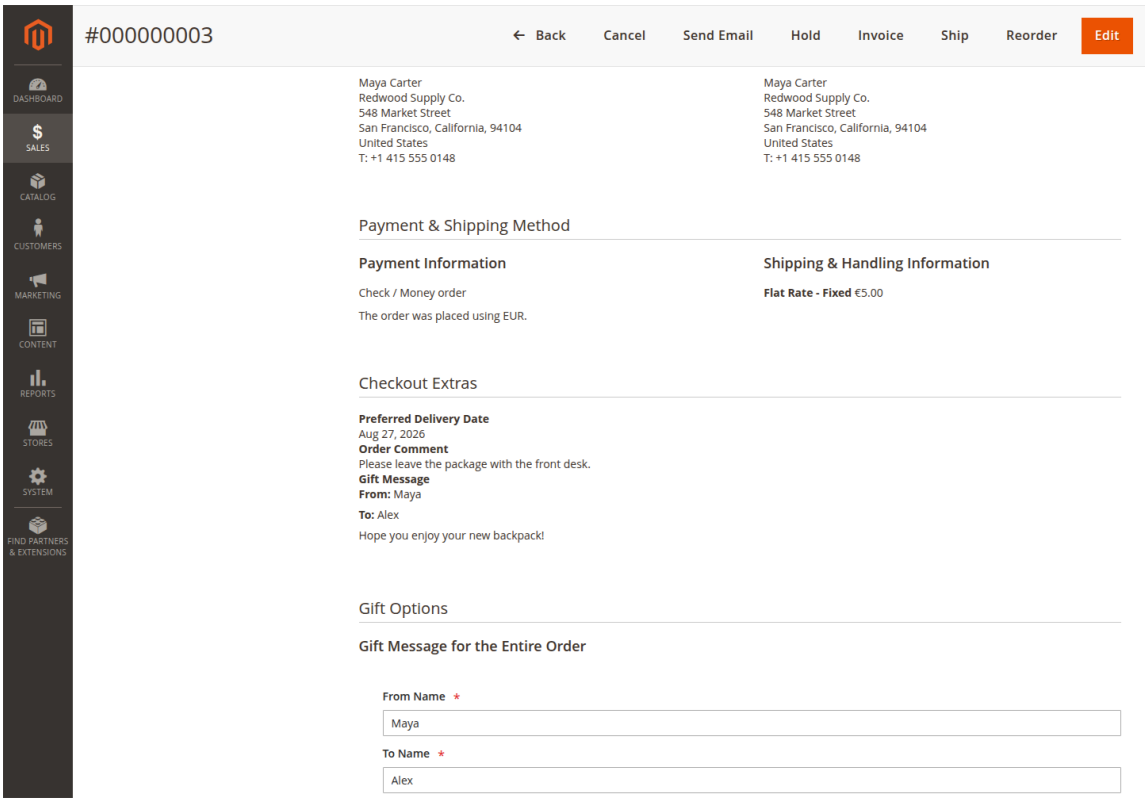
After a successful One Step Checkout order, the Admin order view can show the values collected by the optional extras. Open **Sales > Orders**, select the matching order and review the **Checkout Extras** section.

Values shown

- **Preferred Delivery Date** is formatted for the Admin locale when the stored value uses `YYYY-MM-DD`.
- **Order Comment** is escaped and keeps line breaks.
- **Gift Message** shows sender, recipient and message when Magento stored a gift-message record for the order.

The section is omitted when all three values are empty. The newsletter choice is processed after order creation and does not appear as a checkout-extra box in this view.

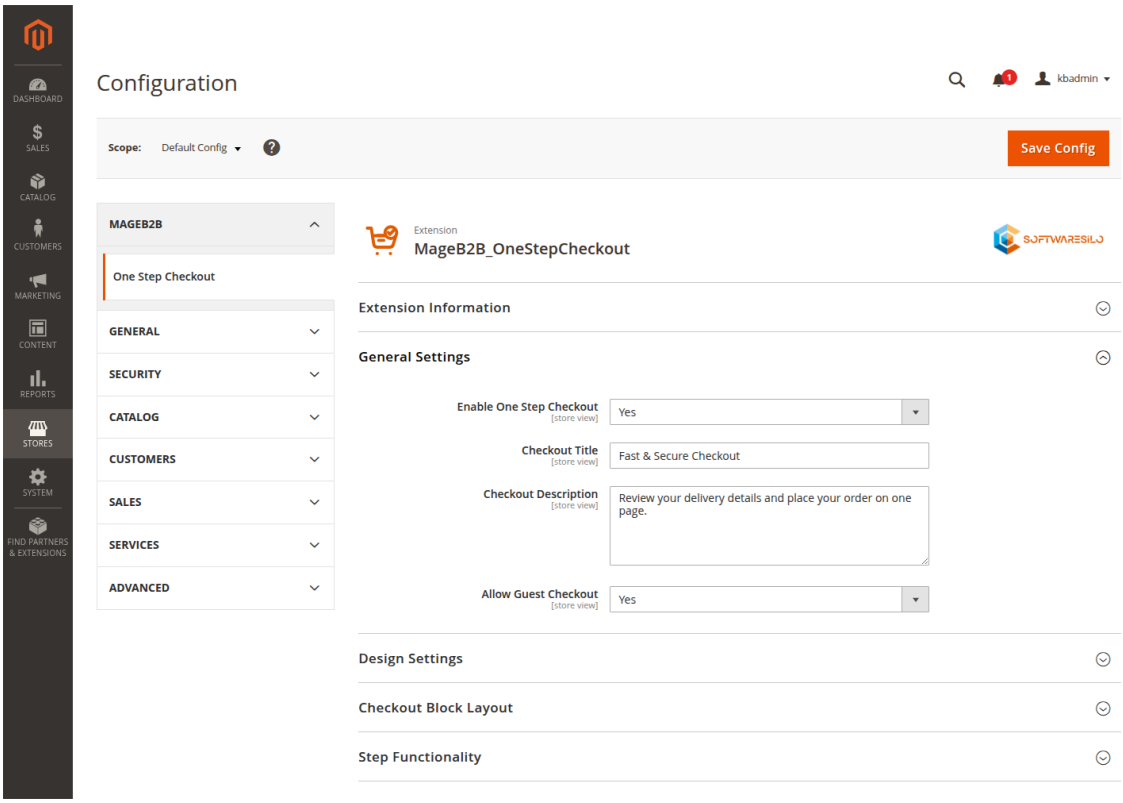
The order repository also exposes `order_comment` and `delivery_date` as order extension attributes. The module does not add gift-message extension attributes in `etc/extension_attributes.xml`.



Admin permissions

The One Step Checkout settings use the module configuration ACL resource. Grant configuration access only to administrators who manage checkout behavior and store scope.

Open **Stores > Configuration > MageB2B > One Step Checkout** after signing in with a role that has the relevant configuration permission. The module does not add a separate order-edit permission. The order-extra block appears on the normal Magento order view, subject to Magento's existing order permissions.



Hyva Compatibility Add-On

The Hyva add-on renders One Step Checkout without Magento's Luma checkout runtime. It uses Hyva and Alpine for the page, then sends addresses, shipping choices, payment data and agreements through Magento's normal cart services.

- Composer package: `mageb2b/onestepcheckout-hyva`
- Magento module: `MageB2B_OneStepCheckoutHyva`
- Required base package: `mageb2b/onestepcheckout`
- Required storefront: Hyva Default Theme

Install this package only on store views that use Hyva. Luma, Blank and themes based on Magento's standard checkout templates use the base package by itself.

Install the add-on

Install and configure the base One Step Checkout package first:

```
composer config bearer.repo.softwaresilo.io <token>
composer config repositories.softwaresilo composer
https://repo.softwaresilo.io/
composer require mageb2b/onestepcheckout-hyva:*

php bin/magento module:enable MageB2B_OneStepCheckoutHyva
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento cache:flush
```

Run the static-content deployment required by the Magento mode and storefront locales. The add-on has no separate Admin configuration section. It reads the settings from **Stores > Configuration > MageB2B > One Step Checkout**.

Checkout coverage

The Hyva page supports the base checkout controls and Magento contracts listed below.

Area	Behavior in Hyva
Customer and guest checkout	Uses the current customer cart or masked guest cart and respects the configured guest policy
Addresses	Supports saved customer addresses, new addresses, billing same as shipping and the configured field order and requirements
Shipping	Estimates and submits Magento shipping methods for the current address

Area	Behavior in Hyva
Payment	Lists methods returned by Magento and submits the selected method through its registered renderer
Agreements	Displays active checkout agreements and sends their IDs with the order
Totals and coupons	Uses Magento total segments and the native quote coupon endpoints
Gift Card setting	**Enable Gift Card** is passed to the checkout config, but no gift-card field is rendered. Gift-card accounts are an Adobe Commerce feature (`Magento_GiftCardAccount`) without service contracts on Magento Open Source
Checkout extras	Handles order comments, newsletter choice, delivery date, live validation, gift messages and configured content
Virtual carts	Removes shipping steps while keeping billing, payment and totals
Multi-address shipping	Shows the handoff only when both Magento and One Step Checkout allow multi-address shipping
Success page	Uses the configured custom success experience after Magento completes the order

Store scope, locale and quote currency come from Magento. The add-on does not hard-code a store code or currency.

Payment methods

The default renderer covers payment methods that do not need extra browser-side fields. Examples include Check / Money Order, Bank Transfer, Cash on Delivery and Zero Subtotal when Magento makes them available for the quote. The checkout state includes Magento's configured offline-payment details: the per-method instructions text is shown below the selected method, and Check / Money Order also displays its configured payee and mailing address.

Purchase Order is included separately because Magento requires a purchase-order number. Its renderer validates the field and sends `po_number` through Magento's native payment data.

Payment providers often own more of the checkout flow. A provider-specific adapter is required when a method must:

- tokenize card or bank details in the browser;
- render a hosted widget or payment element;
- open a provider approval window;
- redirect the customer away from Magento;

- resume after 3-D Secure or another challenge.

The adapter registers with the public payment renderer contract, validates its own fields and builds the provider payload. Installing the Hyva add-on does not install or enable Stripe, PayPal or another payment provider.

Address and order submission

The checkout uses Magento's customer and guest cart REST routes. A signed-in customer may select an address-book entry or enter a new address. A guest supplies an email and the required address data. Shipping estimation, shipping-information submission and payment-information submission remain separate Magento operations even though the customer sees one page.

The final order action stays disabled until the visible form is valid. Magento still performs its own server-side validation for addresses, stock, totals, agreements, payment and reCAPTCHA. A successful client-side check does not bypass those rules.

Multi-address behavior

The multi-address link appears only when all of these conditions are true:

1. the customer is signed in;
2. Magento allows checkout with multiple addresses;
3. One Step Checkout's **Multi-Address Shipping > Enable** setting is on;
4. the cart is eligible for Magento multi-address checkout.

The link enters the base package's multi-address process. Products and quantities can then be assigned to addresses, followed by shipping details, billing and payment, order review and the multi-order confirmation page. See Multi-address shipping.

Optional functions and dependencies

The Hyva page respects both the One Step Checkout setting and the underlying Magento capability. Gift Message, for example, needs the extension setting and Magento's order-level gift-message setting. Google Places needs a valid browser API key and allowed storefront origin. GA4 needs the store's analytics and consent implementation.

Cart recovery remains a base-package process. A recovery link restores or merges the quote according to configuration, then sends the buyer to the checkout route used by the active store view.

Verify the checkout

Run complete orders with fictional data rather than checking only that the page opens:

1. place a guest order with a fieldless offline payment method;
2. place a signed-in order using a saved address;

3. add a new customer address and confirm whether it is saved as selected;
4. test a virtual cart without shipping fields;
5. apply and remove a coupon;
6. submit every enabled checkout extra and inspect the Admin order;
7. test Purchase Order with an empty and valid purchase-order number;
8. test multi-address shipping when it is enabled;
9. repeat the main flow on a mobile viewport;
10. inspect the final network request for a successful Magento response and any required reCAPTCHA header.

Repeat provider-specific payments with the provider's sandbox credentials. A successful offline payment does not prove that a tokenized or redirected payment integration works.

Troubleshooting

The checkout page is blank or still uses Luma

Confirm the active theme and module status. Both the base and Hyva modules must be enabled. Clear layout, block and full-page caches after deployment and confirm that the Hyva layout handles are active for the store view.

No shipping methods are available

Check the entered country, region, postal code and cart contents. The add-on displays the methods Magento returns; it does not create shipping rates. Inspect the estimate request and response before changing checkout templates.

The selected payment method has no fields

Check whether the method is fieldless or needs an adapter. Purchase Order has a bundled field. Other methods with browser-side collection, tokenization or redirects need their own compatible renderer.

Place Order returns a validation error

Read the response from Magento's payment-information endpoint. Check required address fields, active agreements, payment data and reCAPTCHA. The cart remains active after a rejected request so the customer can correct the problem.

A customization has no place in the layout

Use the checkout's neutral layout slots and renderer registration points. Do not add project-specific fields to the Hyva bridge itself. The module that owns the data should provide its own block, script and persistence contract.

Related guides

- Configuration

- Checkout layout
- Shipping and payment
- Checkout extras
- Multi-address shipping
- Common Issues

Configuration Fields

This reference lists the settings exposed by `mageb2b/onestepcheckout` in Magento Admin.

Configuration paths are included for controlled deployments and `config:set`. Use Magento Admin for normal changes so field validation and scope inheritance still apply. The extension status display is not listed because it reports installation state rather than a configurable value.

General Settings

Field	Configuration path	Input	Scope
Enable One Step Checkout	`onestepcheckout/general/enabled`	Select	Default, Website, Store view
Checkout Title	`onestepcheckout/general/title`	Text	Default, Website, Store view
Checkout Description	`onestepcheckout/general/description`	Text area	Default, Website, Store view
Allow Guest Checkout	`onestepcheckout/general/allow_guest`	Select	Default, Website, Store view

Visibility dependencies:

- `onestepcheckout/general/title` is available when `onestepcheckout/general/enabled` is `1`.
- `onestepcheckout/general/description` is available when `onestepcheckout/general/enabled` is `1`.
- `onestepcheckout/general/allow_guest` is available when `onestepcheckout/general/enabled` is `1`.

Design Settings

Field	Configuration path	Input	Scope
Primary Color Override (Hex)	`onestepcheckout/design/primary_color`	Custom control	Default, Website, Store view

Field	Configuration path	Input	Scope
Page Background Override (Hex)	`onestepcheckout/design/bg_light`	Custom control	Default, Website, Store view
Background Dark (Hex)	`onestepcheckout/design/bg_dark`	Custom control	Default, Website, Store view
Text Color (Hex)	`onestepcheckout/design/text_color`	Custom control	Default, Website, Store view
Border Radius	`onestepcheckout/design/border_radius`	Select	Default, Website, Store view
Font Family	`onestepcheckout/design/font_family`	Text	Default, Website, Store view
Button Text Color Override	`onestepcheckout/design/btn_text_color`	Custom control	Default, Website, Store view
Header Background Color	`onestepcheckout/design/header_bg`	Custom control	Default, Website, Store view
Header Layout	`onestepcheckout/design/page_chrome`	Select	Default, Website, Store view

Checkout Block Layout

Field	Configuration path	Input	Scope
Drag & Drop Layout Builder	`onestepcheckout/layout_blocks/layout_builder_map`	Custom control	Default, Website, Store view

Step Functionality

Field	Configuration path	Input	Scope
Billing same as Shipping default	`onestepcheckout/functionality/billing_same_as_shipping`	Select	Default, Website, Store view
Enable Coupon	`onestepcheckout/functionality/enable_coupon`	Select	Default, Website, Store view
Enable Gift Card	`onestepcheckout/functionality/enable_giftcard`	Select	Default, Website, Store view
Enable Authentication (Login/Register/Guest Toggle)	`onestepcheckout/functionality/enable_authentication`	Select	Default, Website, Store view
Terms and Conditions Position	`onestepcheckout/functionality/agreements_position`	Select	Default, Website, Store view

The **Terms and Conditions Position** field offers **Order Summary (below discount code)** (default) and **Payment Method**. It controls where Magento's terms-and-conditions block appears on the one-step checkout page.

Shipping Address Fields

Field	Configuration path	Input	Scope
Shipping Order	`onestepcheckout/field_order/shipping_order`	Custom control	Default, Website, Store view
Shipping Field Builder	`onestepcheckout/shipping_fields/field_behavior_map`	Custom control	Default, Website, Store view

Billing Address Fields

Field	Configuration path	Input	Scope
Billing Order	`onestepcheckout/field_order/billing_order`	Custom control	Default, Website, Store view

Field	Configuration path	Input	Scope
Billing Field Builder	`onestepcheckout/billing_fields/field_behavior_map`	Custom control	Default, Website, Store view

Extra Features

Field	Configuration path	Input	Scope
Enable Order Comment	`onestepcheckout/extras/enable_order_comment`	Select	Default, Website, Store view
Enable Newsletter Subscription	`onestepcheckout/extras/enable_newsletter`	Select	Default, Website, Store view
Newsletter Checked by Default	`onestepcheckout/extras/newsletter_checked_default`	Select	Default, Website, Store view
Enable Delivery Date	`onestepcheckout/extras/enable_delivery_date`	Select	Default, Website, Store view
Minimum Lead Time (days)	`onestepcheckout/extras/delivery_date_min_days`	Text	Default, Website, Store view
Maximum Advance (days)	`onestepcheckout/extras/delivery_date_max_days`	Text	Default, Website, Store view
Disabled Weekdays	`onestepcheckout/extras/delivery_date_disabled_weekdays`	Multi-select	Default, Website, Store view
Holiday Calendar Country	`onestepcheckout/extras/delivery_date_holiday_country`	Select	Default, Website, Store view
Additional Blackout Dates	`onestepcheckout/extras/delivery_date_blackout`	Text area	Default, Website, Store view
Google Places API Key	`onestepcheckout/extras/google_places_api_key`	Protected text	Default, Website, Store view
Google Places Country Restriction	`onestepcheckout/extras/google_places_country_restrict`	Multi-select	Default, Website, Store view

Field	Configuration path	Input	Scope
Enable Live Field Validation	`onestepcheckout/extras/enable_live_validation`	Select	Default, Website, Store view
Enable Trust Badges	`onestepcheckout/extras/enable_trust_badges`	Select	Default, Website, Store view
Trust Badges HTML	`onestepcheckout/extras/trust_badges_content`	Text area	Default, Website, Store view
Enable Gift Message	`onestepcheckout/extras/enable_gift_message`	Select	Default, Website, Store view

Visibility dependencies:

- `onestepcheckout/extras/newsletter_checked_default` is available when `onestepcheckout/extras/enable_newsletter` is `1`.
- `onestepcheckout/extras/delivery_date_min_days` is available when `onestepcheckout/extras/enable_delivery_date` is `1`.
- `onestepcheckout/extras/delivery_date_max_days` is available when `onestepcheckout/extras/enable_delivery_date` is `1`.
- `onestepcheckout/extras/delivery_date_disabled_weekdays` is available when `onestepcheckout/extras/enable_delivery_date` is `1`.
- `onestepcheckout/extras/delivery_date_holiday_country` is available when `onestepcheckout/extras/enable_delivery_date` is `1`.
- `onestepcheckout/extras/delivery_date_blackout` is available when `onestepcheckout/extras/enable_delivery_date` is `1`.
- `onestepcheckout/extras/trust_badges_content` is available when `onestepcheckout/extras/enable_trust_badges` is `1`.

GA4 Tracking

Field	Configuration path	Input	Scope
GA4 Measurement ID	`onestepcheckout/ga4/ga4_id`	Text	Default, Website, Store view

Success Page

Field	Configuration path	Input	Scope
Enable Custom Success Page	`onestepcheckout/success_page/enabled`	Select	Default, Website, Store view
Layout	`onestepcheckout/success_page/layout_columns`	Select	Default, Website, Store view

Visibility dependencies:

- `onestepcheckout/success_page/layout_columns` is available when `onestepcheckout/success_page/enabled` is `1`.

Cart Recovery

Field	Configuration path	Input	Scope
Enable	`onestepcheckout/cart_recovery/enable`	Select	Default, Website, Store view
Email Template	`onestepcheckout/cart_recovery/template_id`	Select	Default, Website, Store view
Threshold (minutes)	`onestepcheckout/cart_recovery/abandon_threshold`	Text	Default, Website, Store view
Missing Email Retry Interval (hours)	`onestepcheckout/cart_recovery/retry_interval_hours`	Text	Default, Website, Store view
Maximum Missing Email Attempts	`onestepcheckout/cart_recovery/max_retry_attempts`	Text	Default, Website, Store view
Existing Cart	`onestepcheckout/cart_recovery/existing_cart_strategy`	Select	Default, Website, Store view

Visibility dependencies:

- `onestepcheckout/cart_recovery/template_id` is available when `onestepcheckout/cart_recovery/enable` is `1`.

- `onestepcheckout/cart_recovery/abandon_threshold` is available when `onestepcheckout/cart_recovery/enable` is `1`.
- `onestepcheckout/cart_recovery/retry_interval_hours` is available when `onestepcheckout/cart_recovery/enable` is `1`.
- `onestepcheckout/cart_recovery/max_retry_attempts` is available when `onestepcheckout/cart_recovery/enable` is `1`.
- `onestepcheckout/cart_recovery/existing_cart_strategy` is available when `onestepcheckout/cart_recovery/enable` is `1`.

Multi-Address Shipping

Field	Configuration path	Input	Scope
Enable	`onestepcheckout/multi_address/enable`	Select	Default, Website, Store view

Settings without an Admin field

Two summary settings have no Admin control and can only be changed through `config:set` or a `config.xml` default:

Configuration path	Effect	Default
`onestepcheckout/summary/show_taxes`	Includes the tax row in the order-summary totals when enabled. The Hyva checkout reads this flag directly.	`1`
`onestepcheckout/summary/show_image`	Shows product thumbnails in the order-summary item list. The Hyva checkout reads this flag directly.	`1`

Both are exported into the checkout configuration under `summary`. Set them per store scope, for example `php bin/magento config:set --scope=stores --scope-code=<code> onestepcheckout/summary/show_image 0`.

Checkout extras API

The module exposes two REST routes for saving the supported checkout extras. They save values on an active quote. They do not place an order.

Customer route

```
POST /rest/<store-code>/V1/carts/mine/checkout-extras
```

The route uses the authenticated customer's active cart. Magento supplies the cart ID from the customer context. The service accepts `orderComment`, `deliveryDate` and `newsletterSubscribe` values.

Guest route

```
POST /rest/<store-code>/V1/guest-carts/<masked-cart-id>/checkout-extras
```

The guest route resolves Magento's masked quote ID. It accepts the same values. Use the masked ID supplied by Magento for that guest quote, not the numeric database ID.

Runtime rules

- Order comments are stripped of tags and limited to 1,000 characters.
- Delivery dates are accepted only when the feature is enabled and the date passes the configured window and blackout rules.
- Newsletter state is stored only when the checkbox feature is enabled.
- Disabled features clear their corresponding quote value.
- The service loads the quote as active and throws when the cart identifier cannot be resolved.

The endpoint is protected by Magento's normal customer or guest-cart API boundary. Keep access tokens and masked IDs out of screenshots and documentation examples.

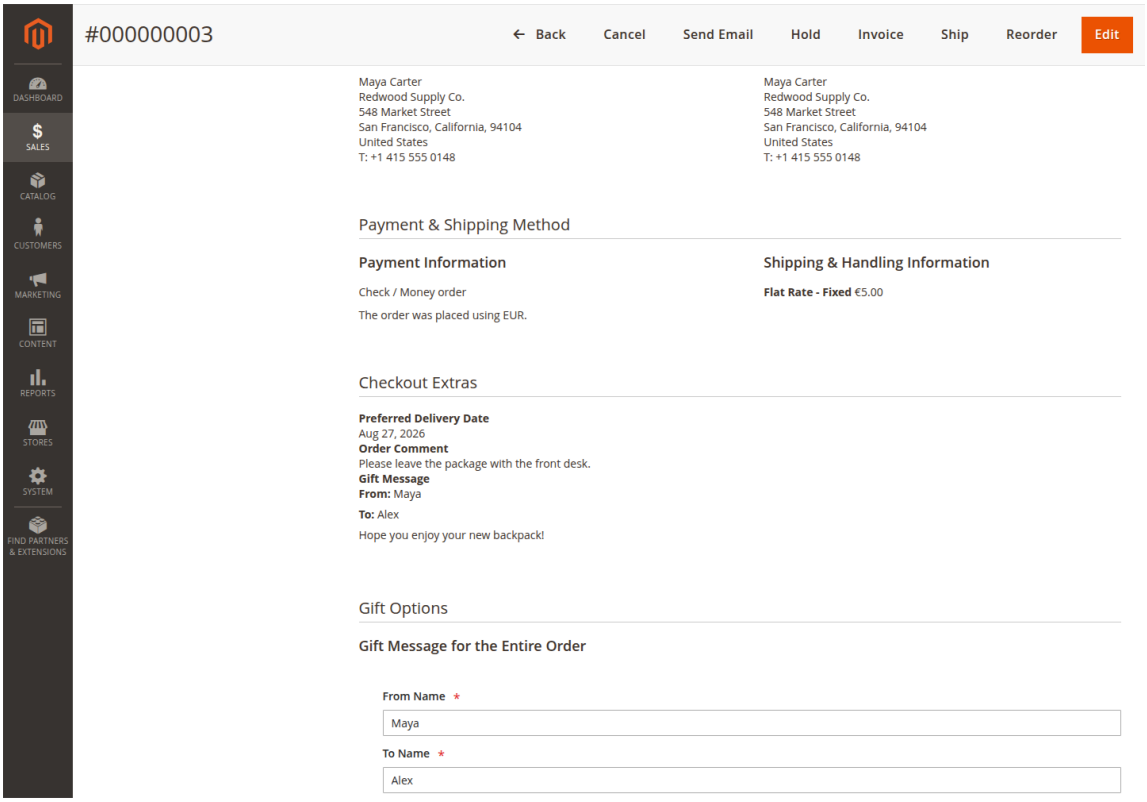
Quote and order data

One Step Checkout uses Magento's quote and order records. The module adds a small set of columns and copies only the values collected by an active One Step Checkout quote.

Data	Quote storage	Order storage or output
Order comment	`quote.order_comment`	`sales_order.order_comment`, status history and `order_comment` extension attribute
Preferred delivery date	`quote.delivery_date`	`sales_order.delivery_date`, success/Admin display and `delivery_date` extension attribute
Per-address delivery date (multi-address flow)	`quote_address.osc_delivery_date`	`sales_order.delivery_date` (per-address value wins over `quote.delivery_date` when set)
Newsletter choice	`quote.newsletter_subscribe`	Processed by the post-order newsletter observer; not shown as an Admin extra box
Gift message	Magento gift-message quote/order relation	Magento gift-message record and Admin Checkout Extras view when a gift-message ID exists
One Step scope marker	`quote.onestepcheckout_active`	Used by submit observers to apply the module's required-field and extra-copy rules
Cart-recovery state	`quote.cart_recovery_sent`, claim and retry columns	No order column; recovery state ends when the quote is sent or skipped

The module also adds `sales_order_grid.delivery_date` so the value is available to **Sales > Orders**. The matching **Delivery Date** grid column is hidden by default; enable it through the grid's column controls and filter it with the date-range filter.

The order-repository plugin adds the two declared extension attributes when an order is loaded or listed. The module does not copy the newsletter checkbox into a new order column.



Primary sources: `etc/db_schema.xml`, `etc/extension_attributes.xml`, `Observer/SaveExtrasToOrder.php`, `Observer/SubscribeNewsletter.php`, `Observer/ValidateRequiredAddressFields.php` and `Plugin/Sales/Api/OrderRepositoryPlugin.php`.

Common Issues

Start with the store view, customer group, login state, cart type and exact checkout action. The module changes the page and adds optional save steps, while Magento still owns most shipping, payment and quote validation.

Checkout sends the buyer back to the cart

Check these conditions first:

1. One Step Checkout is enabled for the current store scope.
2. Magento one-page checkout is enabled.
3. The quote has items, is active and passes the minimum order amount.
4. Guest checkout is allowed both in the module and in Magento when the buyer is not signed in.
5. The product is salable and the quote has no error flag.

The module's route is `onestepcheckout/index/index`. When the module is enabled, Magento's normal `checkout` URL is forwarded to that route. Test the direct route only as a diagnostic; customer links should continue to use Magento URL generation.

The normal checkout layout still appears

Confirm the module is enabled in the current website or store view and that the compiled/static assets belong to the current source tree. Clear the relevant caches and open a fresh private session. A custom theme or checkout module that changes Magento's component paths can prevent the layout processor from finding the expected shipping, payment or summary nodes.

A configured field is missing

Check the field's Magento address or customer metadata, the selected store scope, the field order map and the field behavior map. A custom field that is not part of Magento's checkout component tree cannot be rendered by this module. A field required by Magento metadata can remain locked even when the builder does not offer an optional state.

The order fails with a required-field message

The submit observer checks visible fields marked required for an active One Step Checkout quote. Complete the field in the correct shipping or billing address, then submit again. For region values, either a region ID or region name is accepted. For email, the quote email can satisfy the address check.

No shipping method appears

Test the same cart and address in Magento's normal checkout. Review carrier enablement, destination restrictions, product dimensions, stock, customer group and any shipping-condition module. One Step Checkout renders the rates Magento returns; it does not create a carrier method.

For a virtual-only quote, no shipping method is expected.

No payment method appears

Review the payment method's country, currency, total, customer-group and store rules. Also check whether **Enable Coupon**, **Enable Gift Card** or another checkout customization removed a component around the payment block. A payment provider can reject a method after the checkout has loaded.

Login succeeds but the checkout remains a guest checkout

Inspect the browser console and network requests. After a successful login, the module refreshes the customer, cart and checkout data in the browser and reloads the page. A custom login implementation that bypasses Magento's normal customer action can leave outdated data behind.

The delivery date is rejected

Compare the submitted date with the store's local date, minimum and maximum offsets, disabled weekdays, selected holiday calendar and every blackout line. Use `YYYY-MM-DD` for a one-time date and `MM-DD` for a recurring date. The server validates the value again even when the browser picker allowed it.

Google Places shows no suggestions

Check the encrypted key, allowed browser referrers, enabled Google APIs, country restriction and CSP response. With an empty key the module deliberately loads no Places script. Manual address entry should remain available.

Checkout extras are not in the order

Confirm the relevant feature was enabled in the order's store scope and that the quote was marked as an active One Step Checkout flow. A newsletter choice is processed after a successful order and is not rendered in the Checkout Extras section. A gift message also requires Magento's order-level Gift Options setting.

The custom success page is missing

Check **Success Page > Enable Custom Success Page**, the selected layout and

whether Magento has a completed order in the checkout session. A missing or stale last order causes the custom block to return no content.

Cart recovery does not send an email

Check the default cron group, the recovery enable flag, email template, threshold, active quote and recipient email. A quote without a recipient is deferred and eventually skipped according to the retry settings. Check `cron_schedule`, the Magento system and exception logs, and the configured mail transport (a mail-capture tool such as Mailpit in development environments).

A recovery link is rejected

The link can be invalid because it is expired, tampered with, tied to another store, tied to another signed-in customer, or points to an inactive quote. Guest links use a masked quote identifier. Registered-customer links require the matching customer session.

The recovered cart has unexpected items

Check **Existing Cart**. Merge combines compatible active carts and recollects totals. Replace deactivates the current active quote and uses the recovered quote. Product availability and prices are recalculated by Magento after recovery.

Multi-address shipping is not visible

Check **Stores > Configuration > Sales > Multishipping Settings** and **Stores > Configuration > MageB2B > One Step Checkout > Multi-Address Shipping**. Both options must be enabled. The link also requires a signed-in customer, a physical cart without quote errors and a quantity within Magento's configured multi-address limit. It is intentionally absent for guests and carts containing only virtual products.

GA4 events are missing

Check the measurement ID, the existing GTM or `gtag.js` setup, Magento cookie-restriction mode and the consent cookie. With restriction mode active and no consent, the module blocks the loader. Inspect the browser network and data layer rather than relying on a screenshot.

The Hyva checkout has no payment form

Confirm that the selected payment method works with the generic fieldless renderer or has a dedicated adapter. Methods that collect card data, create provider tokens, open approval widgets or redirect the customer cannot be made compatible by copying a template alone. Test the provider's complete sandbox flow, including cancellation and return URLs.

The Hyva checkout still shows the standard checkout

Confirm that both `MageB2B_OneStepCheckout` and `MageB2B_OneStepCheckoutHyva` are enabled and that the current store view uses a Hyva theme. Check the base module's enablement and store scope, then clear layout and full-page caches after deployment.

A Hyva checkout request returns an authorization or reCAPTCHA error

Use the browser network panel to inspect the final Magento `payment-information` request. The guest or customer cart route must match the current session and store code. If reCAPTCHA is active, its token must be sent with the final request. Do not disable reCAPTCHA to hide a missing frontend integration.

What to include in a support request

Include the store scope, customer state, quote type, product type, exact action, message, browser console error, request time and relevant Magento log excerpt. Do not send passwords, API keys, reset links, recovery tokens or a production database dump.

FAQ

Does the module replace Magento shipping or payment methods?

No. It places Magento's available shipping and payment components on one page. Carrier availability, payment availability, taxes, totals and order creation remain Magento responsibilities.

Can guests use the checkout?

Only when both the module's guest setting and Magento's own guest-checkout policy allow it. A signed-in customer does not need the authentication block.

Can I use two or three columns?

Yes. The layout builder supports one to three columns containing authentication, shipping address, shipping method, payment and summary. Smaller screens collapse the layout into a single-column flow.

Can every address field be hidden or made optional?

No. The builder follows Magento metadata and keeps core fields or Magento-required attributes protected. A custom field must also exist in the checkout component tree before the builder can affect its presentation.

Is the preferred delivery date guaranteed?

No. It is a validated preferred date stored with the order. It does not change a carrier's rate, transit time or fulfillment promise.

Why was a date allowed in the browser but rejected on submit?

The server checks the date again against the current store timezone, date window, disabled weekdays, holiday provider and blackout list. A changed scope or stale checkout state can make the server result differ from the old browser state.

Does Google Places replace Magento address validation?

No. It only suggests and maps address values. Magento still validates the final address when the quote and order are saved.

When is the newsletter subscription created?

After Magento has created the order, if the feature is enabled, the buyer checked the box and the order has an email. A failed order does not run the subscription observer.

Does a checkout comment appear in the order?

Yes, for an active One Step Checkout quote with the comment feature enabled. The module strips tags, limits the value to 1,000 characters, stores it on the order and adds it to status history.

Why is a gift message not saved?

The One Step Checkout gift-message setting and Magento's order-level Gift Options setting must both be enabled. The buyer must also expand the control and enter the message before placing the order.

How long does a cart-recovery link work?

The signed link is valid for seven days. A registered-customer link requires the matching customer session. A guest link uses the masked quote ID. Store and active-quote checks apply to both.

Does cart recovery overwrite a buyer's current cart?

Only when **Existing Cart** is set to **Replace the existing cart**. The merge option combines compatible carts and recollects totals. Both paths return the buyer to Magento checkout.

Does cart recovery work without a customer email?

The cron defers a quote without a recipient and retries it according to the configured interval and maximum attempts. It cannot send the email until a recipient is available.

Does multi-address shipping stay in One Step Checkout?

Yes. Eligible customers assign products to addresses, choose shipping details for every destination, enter billing information and review the grouped order in the One Step Checkout design. Magento still creates one order per shipping address. The option is available only to signed-in customers with a physical cart when both multi-address settings and Magento's availability check allow it.

What does GA4 consent control?

It controls whether the module may load and send its configured checkout events when Magento cookie-restriction mode is active. You still need a working GTM or `gtag.js`

integration and a measurement ID.

Is there a REST API for the whole checkout?

No. The module exposes REST routes for saving order comments, delivery dates and newsletter choices on customer and guest carts. Shipping, payment and order placement use Magento's normal checkout services.

Where can an administrator see the saved extras?

Open the matching order in **Sales > Orders**. The Checkout Extras section shows a delivery date, order comment and gift message when those values exist. The newsletter choice is processed after order creation and is not shown in that section.

Does One Step Checkout support Hyva?

Yes, through the separate `mageb2b/onestepcheckout-hyva` package. The add-on renders the checkout with Hyva and Alpine while the base package continues to own configuration, quote data, order persistence, cart recovery and multi-address rules.

Do all payment modules work automatically in the Hyva checkout?

Fieldless Magento payment methods can use the generic payment renderer. Purchase Order has a bundled renderer for its required purchase-order number. A provider that tokenizes payment details, opens its own approval UI, performs a redirect or handles 3-D Secure needs a compatible Hyva checkout adapter from that provider or another installed package.

Does the Hyva add-on use Knockout or RequireJS?

No. Its checkout runtime uses Hyva and Alpine. It does not load Magento's Luma checkout tree, Knockout, jQuery, RequireJS or `window.checkoutConfig` for the One Step Checkout page.