

GDPR

for Magento 2



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Magento 2 GDPR extension allows Magento merchants to collect customer consents on registration, checkout, and other pages. Even more, the module allows providing customers with their right to access, copy, transfer, and erase personal data processed by the store and related third-party extensions. Customers are able to access, copy, and delete personal information in one click from customer accounts, while the verification process makes Magento merchants sure about the eligibility of submitted requests.

Compatibility: Magento Open Source 2.2.X, Magento Commerce 2.2.X

Getting started

Business Advantages

The GDPR extension is beneficial in case you want to arrange a regular and manageable process of receiving customer consents to the terms of your privacy policy. It also ensures customers the right to access, copy, transfer, and erase their personal data and, in this regard, makes you following the main GDPR regulation terms.

What Makes It Different

- The **dedicated functionality** enables you to comply with most essential GDPR requirements, including the customers right to access, copy, transfer, and delete their personal data;
- Customer consents with your privacy policy are **collected on registration, checkout, and other pages**;
- Customers are able to **request access or deletion** of personal data from their customer accounts in one click;
- The implemented verification allows you to **reduce fraudulent data requests**;
- The extension allows you to **split up customers with and without consents** and manage each group individually;
- The **extension API** allows you to get and erase data from third-party apps.

GDPR Frontend Use

New Customer Consents

Those customers who want to make their first purchase in a store provide their consent either on registration or on checkout pages.

Sign-in Information

Email *

Password *

Password Strength: No Password

Confirm Password *

I consent to the [collection and processing of my personal data](#).

[Create an Account](#)

The process is simple. On the registration page, they just need to tick a dedicated checkbox, while on checkout pages, they need to provide their consents from the popup displayed by the extension. The procedure is mandatory and won't allow them to continue any longer until they agree with the policy terms. Both the checkbox and popup also show a link to the privacy policy page.

Developer Notes: Consent Popup Integration

Consent Popup Integration

The consent popup works on native Magento checkout pages and checkout pages created by the Smart One Step Checkout extension by Aheadworks by default. Still, you can integrate it with any other checkout application the same way just changing the rote to it in **etc/di.xml**

- The popup for guest customers (by default available for native Magento and Smart One Step Checkout extension checkout pages):

```
<type
name="Aheadworks\Gdpr\Block\Consent\GuestPopup\VisibilityResolver">
  <arguments>
    <argument name="routes" xsi:type="array">
      <item name="native_checkout"
xsi:type="string">checkout/index</item>
      <item name="aw_osc"
xsi:type="string">onestepcheckout/index</item>
    </argument>
  </arguments>
</type>
```

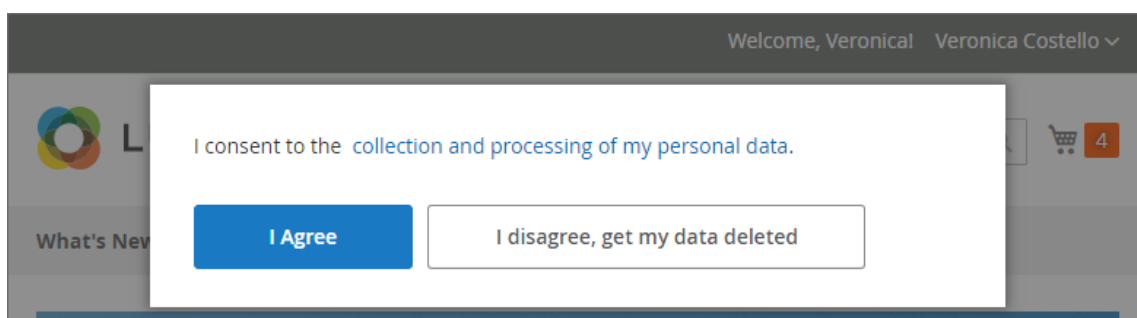
- The popup for existing customers (appears on all pages, except for the **customer/account/edit** one):

```
<type
name="Aheadworks\Gdpr\Block\Consent\CustomerPopup\VisibilityResolver"
">
  <arguments>
    <argument name="routes" xsi:type="array">
      <item name="all" xsi:type="string"></item>
    </argument>
    <argument name="deniedRoutes" xsi:type="array">
      <item name="customer_account"
xsi:type="string">customer/account/edit</item>
    </argument>
  </arguments>
</type>
```

In case a customer wants to provide the consent later and clicks the **'Ask me later...'** link, he is taken to the home page of the store and can finish browsing, if necessary.

Existing Customer Consents

Seemingly, existing customers should have already provided their consents, but not necessarily. The customer base may also include the shoppers who had registered before the extension installation. Or, in case the terms of your privacy policy changed drastically, you would possibly like to collect new consents to make sure that all your customers comprehend the amendments clearly. In this case, you can reset previous consent and collect them repeatedly.



Existing customers provide their consent at the moment they enter their accounts in your store. Immediately after signing in the store, they will see the same pop-up asking them to provide the consent.

Customer Accounts Functionality

Except for the necessity to provide their consents, customers have the right to access, copy, transfer and delete their personal information. They can exercise it right from their customer accounts in the **Account Information** section. For the purpose, the section contains two buttons: **Delete My Account** and **Get My Data**. As soon as they click one of the mentioned buttons, they will receive a verification email allowing them to confirm the request personally. After that, the submitted requests appear in the backend.

Edit Account Information

Account Information

First Name *

Veronica

Last Name *

Costello

Change Email

Change Password

Save

Data Erasure

Delete My Account

Data Access

Get My Data

Backend Configuration

Extension Settings

The Configuration page of the extension (**Stores > Configuration > Aheadworks Extensions > GDPR**) includes two sections: **General** and **Email Settings**.

General

Data Protection Policy Page
[store view]

Email Settings

Sender
[store view]
This will be used by default as "From" in outgoing emails

Removal Confirmation Email Template
[store view]

Data Access Confirmation Email Template
[store view]

The **Data Protection Policy** page of the General section allows you to determine a privacy policy CMS page to be used as a destination of the Privacy Policy link displayed on the registration page and consent confirmation popup.

The **Email Settings** section contains the following configuration options:

- **Sender** - a contact to be used as a sender for request confirmation emails;
- **Removal Confirmation Email Template** - an email template to be used for personal data removal requests;
- **Data Access Confirmation Email Template** - an email template to be used for personal data access requests.

That's it. The configuration is done.

Data Access Requests

As soon as information access requests are verified by email they appear in the **Data Access Requests** grid for further processing by Magento Admins. The grid is located on the corresponding page (**Customers > GDPR by Aheadworks > Data Access Requests**) and includes the following columns:

- **Customer ID** - ID of a customer;
- **Name** - customer's name;
- **Email** - customer's email;
- **Status** - request status. Available options include: Pending, Processing, Completed, Canceled;
- **Created At** - date and time of the request submission;
- **Resolved At** - resolution date and time;

- **Actions** - the column contains an active link, which allows Magento admins to change the status of a request or download customer information in **PDF** (human-readable format) or **XML** (machine-readable format).

The above formats, in fact, are intended for different purposes and exercise two different GDPR rights. PDF allows customers to access their personal information, while XML allows customers to make data portable and transfer it to other solutions or applications.

In addition to the Actions column, request statuses can be changed massively using the **Actions** drop-down.

Data Access Requests									
Data Access Requests ▾									
Filters Default View ▾ Columns ▾ Export ▾									
Actions ▾	6 records found				20 per page		1 of 1		
<input type="checkbox"/>	Customer ID	Name	Email	Status	Web Site	Created At	Resolved At	Actions	
<input type="checkbox"/>	7	Jason Maddox	jason1987@gmail.com	Pending	Main Website	Jun 8, 2018 6:10:50 PM		Select ▾	
<input type="checkbox"/>	6	Peter Cates	sales@active.com	Processing	Main Website	Jun 8, 2018 6:09:45 PM		Select ▾	
<input type="checkbox"/>	5	Gregory M. Richardson	richardson@us-sport.com	Complete	Main Website	Jun 2, 2018 6:08:56 PM	Jun 3, 2018 6:08:59 PM	Select ▾	
<input type="checkbox"/>	4	Christopher Moir	moir@fitnessparadise.com	Complete	Main Website	May 30, 2018 11:05:38 AM	May 31, 2018 6:06:16 PM	Select ▾	
<input type="checkbox"/>	3	Ray Johnson	rayj@gmail.com	Complete	Main Website	May 7, 2018 11:03:57 AM	Jun 1, 2018 6:04:19 PM	Select ▾	
<input type="checkbox"/>	2	Martha Stewart	stewart@yahoo.com	Canceled	Main Website	Apr 12, 2018 5:55:20 PM	Jun 1, 2018 5:55:51 PM	Select ▾	

Developer Notes: Data Export

Export of the Data Stored in Third-party Applications

- Add the following code lines to the **etc/di.xml** file:

```
<type
name="Aheadworks\Gdpr\Model\Service\CustomerDataCollector">
    <arguments>
        <argument name="dataCollectors"
xsi:type="array">
            <item name="your_module_data"
xsi:type="array">
                <item name="module"
xsi:type="string">Vendor_YourModule</item>
                <item name="collector"
xsi:type="string">
Aheadworks\Gdpr\Model\Service\CustomerDataCollector\YourModu
leDataCollector
                </item>
                <item name="position"
xsi:type="number">150</item>
            </item>
        </argument>
    </arguments>
</type>
<virtualType
name="Aheadworks\Gdpr\Model\Service\CustomerDataCollector\Yo
urModuleDataCollector"
type="Aheadworks\Gdpr\Model\Service\CustomerDataCollector\Da
taCollector">
    <arguments>
        <argument name="title" xsi:type="string">Your
Module Information</argument>
        <argument name="dataProcessor"
xsi:type="string">
Vendor\YourModule\Model\YourModuleDataProcessor
        </argument>
    </arguments>
</virtualType>
```

- And create the data processing `Vendor\YourModule\Model\YourModuleDataProcessor.php` file as follows:

```
<?php
namespace Vendor\YourModule\Model;

use
Aheadworks\Gdpr\Model\Service\CustomerDataCollector\DataProc
essorInterface;
use Magento\Customer\Api\Data\CustomerInterface;

/**
 * Class YourModuleDataProcessor
 * @package Vendor\YourModule\Model
 */
class YourModuleDataProcessor implements
DataProcessorInterface
{
    /**
     * Get your module data
     *
     * @param CustomerInterface $customer
     * @param int|null $storeId
     * @return array
     */
    public function getData($customer, $storeId)
    {
        return [
            'test' => 'Message',
            'items' => [
                'item_1' => 'Item 1',
                'item_2' => 'Item 2',
                'item_3' => 'Item 3',
            ]
        ];
    }
}
```

Removal Requests

Removal Requests

Removal Requests ▾

Filters | Default View | Columns | Export

Actions ▾ 4 records found 20 per page 1 of 1

	Customer ID ↑	Name	Email	Status	Web Site	Created At	Resolved At	Actions
<input type="checkbox"/>	11	Angie Cary	angic@yahoo.com	Pending	Main Website	Jun 8, 2018 11:25:19 AM		Select ▲
<input type="checkbox"/>	10	Kent Lewis	levis89@yahoo.com	Processing	Main Website	Jun 7, 2018 6:24:20 PM		Change Status to Processing Change Status to Canceled Change Status to Complete
<input type="checkbox"/>	9	Sandra Harvey	lovelysandra@gmail.com	Complete	Main Website	Jun 1, 2018 6:23:10 PM	Jun 2, 2018 6:22:16 PM	
<input type="checkbox"/>	8	Julie Cook	juliecook@tiger.com	Canceled	Main Website	May 15, 2018 6:22:08 PM	Jun 1, 2018 6:22:16 PM	Select ▼

The same way customers may ask to delete own personal information, still, these requests are collected in the Removal Requests grid located at **Customers > GDPR by Aheadworks > Removal Requests**. The table has absolutely the same columns and the only thing changed is that the Actions column of the grid only allows Magento admins to manage request statuses.

The grid is related to the right of customers to erase own personal information used by the merchant.

Consent Relevance

As soon as Magento merchants receive requests to delete some personal data, they can do this on the **Consent Relevance** page. The corresponding grid contains a list of all customers, including guest ones, and allows admins to anonymize customer data in one click. Additionally, on this page, Magento admins are able to track and manage consent statuses of customers. Still, let's start from the beginning.

The Consent Relevance grid is located at **Customers > GDPR by Aheadworks > Consent Relevance** and contains the following columns:

- **Customer ID, Name, Email** - the same columns described previously;
- **Latest Consent Date** - the date and time a consent was provided last time;
- **Relevant Consent** - the status of a consent considered to be relevant or not. Includes two options: **Yes** and **No**;
- **Actions** - an active link that allows erasing personal data and anonymizing a customer.

In addition to the Active column, Magento admins can also use the **Actions** drop-down to massively anonymize selected customer data.

The Consent Relevance page also includes the **Reset Consent** button, which resets all eligible consent statuses to 'No' so you need to collect them once again. If all the consents are reset, all existing customers have to provide their consents once again the way it's explained in the GDPR Frontend Use section of this guide.

Consent Relevance

Consent Relevance ▾ Reset Consent

Filters | Default View ▾ | Columns ▾ | Export ▾

Actions ▾ | 13 records found | 20 ▾ per page | < | 1 of 1 | >

<input type="checkbox"/>	Customer ID ↑	Name	Email	Web Site	Latest Consent Date	Relevant Consent	Actions
<input type="checkbox"/>	11	Angie Cary	angic@yahoo.com	Main Website	Jun 13, 2018 11:19:06 AM	Yes	Select ▾
<input type="checkbox"/>	10	Kent Lewis	levis89@yahoo.com	Main Website	Jun 13, 2018 11:18:19 AM	Yes	Select ▾
<input type="checkbox"/>	9	Sandra Harvey	lovelysandra@gmail.com	Main Website	Jun 13, 2018 11:17:49 AM	Yes	Select ▾
<input type="checkbox"/>	8	Julie Cook	juliecook@tiger.com	Main Website	Jun 13, 2018 11:17:00 AM	No	Select ▾
<input type="checkbox"/>	7	Jason Maddox	jason1987@gmail.com	Main Website	Jun 13, 2018 11:03:03 AM	No	Select ▾
<input type="checkbox"/>	6	Peter Cates	sales@active.com	Main Website	Jun 13, 2018 11:02:26 AM	Yes	Select ▾
<input type="checkbox"/>	5	Gregory M. Richardson	richardson@us-sport.com	Main Website	Jun 13, 2018 11:01:29 AM	Yes	Select ▾
<input type="checkbox"/>	4	Christopher Moir	moir@fithessparadise.com	Main Website	Jun 13, 2018 11:00:32 AM	No	Select ▾
<input type="checkbox"/>	3	Ray Johnson	rayj@gmail.com	Main Website	Jun 13, 2018 10:45:15 AM	No	Select ▾
<input type="checkbox"/>	2	Martha Stewart	stewart@yahoo.com	Main Website	Apr 11, 2018 6:30:13 PM	No	Select ▾
<input type="checkbox"/>	1	Veronica Costello	roni_cost@example.com	Main Website	Jun 15, 2018 6:35:53 AM	Yes	Select ▾
<input type="checkbox"/>		***	***@***.***	Main Website	May 29, 2018 1:46:04 PM	No	Select ▾
<input type="checkbox"/>		***	***@***.***	Main Website	May 25, 2018 1:43:23 PM	No	Select ▾

Developer Notes: Data Deleting

Deleting data from Third-party Applications

In case if the data in the third-party application and Magento customer table are connected (Foreign Key), you don't need to do anything at all, as soon as the data is going to be deleted automatically (recommended). Otherwise, you need to add own "eraser" using the etc/di.xml file. The Eraser should use

the **Aheadworks\Gdpr\Model\Service\CustomerDataEraser\DataEraserInterface** interface:

```
<type name="Aheadworks\Gdpr\Model\Service\CustomerDataEraser">
    <arguments>
        <argument name="dataErasers" xsi:type="array">
            <item name="Vendor_YourModule"
xsi:type="string">Vendor\YourModule\Model\YourModuleEraser
            </item>
        </argument>
    </arguments>
</type>
```

You can also use the following events:

```
"aw_gdpr_customer_data_delete_before", params: customer_id  
"aw_gdpr_guest_data_delete_after", params: customer_id  
"aw_gdpr_guest_data_delete_before", params: email, store_ids  
"aw_gdpr_guest_data_delete_after", params: email, store_ids
```

For an in-depth look visit GDPR demo store at the extension's [product page](#).

Feel free to contact our support team with any questions:

[Submit a help desk ticket](#)

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