

AI CONTENT GENERATOR for Magento 2

1. OVERVIEW

MageBytes AI Content Generator for Magento 2 allows administrators to generate AI-assisted content directly from the Magento Admin Panel. The extension supports content generation for Products, Categories, and CMS Pages, helping reduce manual content creation tasks. The extension offers configurable prompts and token limits for each supported content type. All settings are managed through Magento Admin configuration, enabling flexible control over how content is generated without modifying code or core files. MageBytes AI Content Generator integrates seamlessly with existing Magento workflows and operates entirely within the Admin area, supporting efficient content management while giving merchants full control over generated output.

2. FEATURES

- AI-powered content generation from Magento Admin
- Supports Products, Categories, and CMS Pages
- Configurable AI prompts
- Configurable token limits
- Secure API key management
- No core file overrides
- Magento coding standards compliant
- Lightweight and performance-friendly

3. SYSTEM REQUIREMENTS

- Magento Open Source or Adobe Commerce greater than 2.4.5
- PHP 8.1 or higher
- Admin access to Magento configuration
- Valid AI API credentials

4. GENERATING OPENAI API KEY

To use this extension, a valid OpenAI API key is required.

Follow the steps below to generate an OpenAI API key:

1. On your web browser visit the OpenAI website. (<https://platform.openai.com/account/api-keys>)
2. Sign in using your OpenAI account credentials.
3. Navigate to the API Keys section in your OpenAI account dashboard.
4. Click on the option to create a new secret API key.

5. Copy the generated API key and store it securely.

Important Notes:

- The API key is sensitive information and should not be shared publicly.
- Usage limits and billing are managed directly in your OpenAI account.
- MageBytes does not store or manage OpenAI billing or usage.

5. INSTALLATION

5.1 Composer Installation (Recommended)

Run the following commands:

```
composer require magebytessoft/module-ai-content-generator
php bin/magento module:enable Magebytessoft_AIContentGenerator
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento cache:flush
```

5.2 Manual Installation

1. Extract the extension package.

2. Upload the files to:

```
app/code/Magebytessoft/AIContentGenerator
```

3. Run the following commands:

```
php bin/magento module:enable Magebytessoft_AIContentGenerator
php bin/magento setup:upgrade
php bin/magento cache:flush
```

6. CONFIGURATION

Navigate to the Magento Admin Panel:

Stores -> MageBytes -> Configuration -> MageBytes -> AI Content Generator

6.1 General Configuration

In this section, the administrator can:

- Enable or disable the module
- Configure the AI model name
- Set the API base URL
- Enter the secure API key

Configuration 🔍 🔔 👤 admin

Scope: Default Config Save Config

- GENERAL
- SECURITY
- CATALOG
- CUSTOMERS
- SALES
- MAGEBYTES
- AI Content Generator
- SERVICES
- ADVANCED

General

Enable Module

API Configuration

Model

API Base URL

API Key

[Click here, to generate API Key.](#)

Product Configuration

Category Configuration

CMS Page Configuration

6.2 Product AI Configuration

This section allows configuration of:

- Product AI prompt template
- Maximum token limit for product content generation

Product Configuration

Short Description Token Size

Product Description Token Size

Meta Title Token Size

Meta Keywords Token Size

Meta Description Token Size

Meta Title Prompt

Available Variables:
{product_name} - Product Name
{store_name} - Store Name

Example:
 Generate SEO optimized meta title for {product_name} in {store_name}. Max 60 characters.
 Return plain text only.

6.3 Category AI Configuration

This section allows configuration of:

- Category AI prompt template
- Maximum token limit for category content generation

Category Configuration

Meta Title Token Size [store view]

Meta Keywords Token Size [store view]

Meta Description Token Size [store view]
Meta descriptions Tokens are limited to a maximum of 255 characters but work best between 150-160 characters.

Category Description Token Size [store view]

Meta Title Prompt [store view]

Available Variables:
{category_name} - Category Name
{store_name} - Store Name

Example:
 Generate SEO optimized meta title for {category_name} in {store_name}. Max 60 characters.
 Return plain text only.

6.4 CMS Page AI Configuration

This section allows configuration of:

- CMS page AI prompt template
- Maximum token limit for CMS page content

CMS Page Configuration

Content Token Size [store view]

Meta Title Token Size [store view]

Meta Keywords Token Size [store view]

Meta Description Token Size [store view]
Meta descriptions Tokens are limited to a maximum of 255 characters but work best between 150-160 characters.

Meta Title Prompt [store view]


Available Variables:
{page_name} - CMS Page Title
{store_name} - Store Name

Example: Generate SEO meta title for {page_name} page of {store_name}.

7. HOW TO USE

7.1 Product AI Content Generation

1. Go to Catalog -> Products
2. Edit any product
3. Locate the AI Content Generator button
4. Click the button to generate AI content
5. Review the generated content and save the product

Search Engine Optimization 

URL Key [store view]

Create Permanent Redirect for old URL

Meta Title [store view]

Meta Keywords [store view]

Meta Description [store view]

Maximum 255 chars. Meta Description should optimally be between 150-160 characters

7.2 Category AI Content Generation

1. Go to Catalog -> Categories
2. Select or edit a category
3. Click the Generate AI Content button
4. Review the generated content and save the category

Search Engine Optimization

URL Key [store view]

Create Permanent Redirect for old URL

Meta Title [store view]

Meta Keywords [store view]

Meta Description [store view]

7.3 CMS Page AI Content Generation

1. Go to Content -> Pages
2. Edit a CMS page
3. Click the AI Content Generator button
4. Review the generated content and save the page

Search Engine Optimization ✎

URL Key

Meta Title

Meta Keywords

Meta Description

8. SECURITY AND PERFORMANCE

- API keys are securely stored in Magento configuration
- No data is exposed on the storefront
- All functionality is restricted to admin users
- Optimized backend and JavaScript implementation

9. COMPATIBILITY

- Compatible with Magento Open Source
- Compatible with Adobe Commerce
- Tested on Magento 2.4.x
- Does not override any Magento core files

10. TROUBLESHOOTING

If AI content is not generated:

- Verify API key and base URL configuration
- Ensure the module is enabled
- Check browser console for JavaScript errors
- Review Magento logs in var/log