



# Image Optimization

## *Installation manual*

## Introduction

This manual describes the functionality of the Image Optimization Magento 1 extension. The Image Optimization Magento 1 extension is developed by TIG for Voormedia. The extension makes it possible for Merchants to optimize product images with a perfect balance in quality and file size.



For the installation of the extension SSH/SFTP access to your webserver is necessary.

If you have any questions regarding the extension, please contact the TIG Servicedesk.

### Contact details TIG, technical questions

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# Installation

## Technical requirements

In order to use the Image Optimization Magento 1 extension, you need to comply with the minimal technical requirements as stated by Magento:

<http://devdocs.magento.com/guides/m1x/system-requirements.html>

The extension supports the following Magento 1 versions:

- Magento Community 1.7, 1.8, 1.9
- Magento Enterprise 1.12, 1.13, 1.14

## Back-up

We strongly advise to install and update the extension first on a staging environment and make a back-up of your webshop prior to the installation.

## Disable Magento Compiler

If you have enabled the Magento compiler you should disable this feature.

To disable this navigate to *System* → *Tools* → *Compilation* and click on the disable button.

## Folder & files uploading

The zip file contains three folders:

- App
- Lib
- Skin

Upload these folders to your Magento webshop. No files will be overwritten.

Warning: If your SSH/SFTP client asks to merge or replace the files, always choose for merge.

## Clear cache

Log into your Magento backend and go to *System*->*Cache Management*. Click on the Flush Magento Cache button.

After logging out and logging back in the extension is successfully installed.

## Upgrading

### **Can I upgrade from version 1 to newer versions?**

Yes, to upgrade you can simply overwrite all files and folders when you upload the extension.

### **Will I keep my already compressed images after upgrading from version 1?**

No, because of the new improved structure in version 2.0. it was not possible to recognise the compressed product images from previous versions. This means all product images will be compressed again. If you're a heavy user please contact [support@tinypng.com](mailto:support@tinypng.com) so we can work together on a resolution.

## Configuration

Log into your Magento backend and go to *System Configuration General Image Optimization*.

For connecting the extension to the Image Optimization service you have to enter your API key in the *Connection Settings* tab. If you don't have an API key, you can request one at the following page: <https://tinypng.com/developers>

Note: The extension will be only active (test and live) when you entered an API key.

If you have never used the extension before you should flush the product images cache.

Go to *System Cache Management*. Click on the *Flush Catalog Images Cache and Flush Swatch Images Cache* buttons.

If any images are not loaded correctly at this point refresh the image html cache.

By default the extension is in live mode. Only when an image has the status 'optimized' the image is compressed by the TinyPNG service. Alternative modes are test and disabled. In test mode images will be optimized but will not be used on the front-end. If you switch from test to live mode the images which are already optimized will be used on the frontend. When the mode is disabled the extension won't connect with the TinyPNG service.

## Frequently asked questions

### **Will this extension optimize my existing product images?**

Yes, the extension optimizes all product images in the Magento cache folder when it is in live or test mode and you flushed the images cache.

### **Can I flush my Magento image cache without losing all the optimized images?**

Yes, you can flush the image cache without losing already optimized images. We store the optimized images in *media/catalog/product/optimized*.

### **What will happen when I upload a image twice to my Magento webshop?**

The extension recognizes duplicated images. Instead of using the TinyPNG service again it will use the already optimized image, which is stored in the optimized folder.

## Release notes

- v.2.0.1**
  - Support for servers with open basedir enabled.
  - Better warnings.
  - Linting & speed improvements for Travis CI.
  - Added an space to an sentence for readability.
  - Better handling of the Tinify\AccountException so the logs won't be clutherd.
  - Updated the Tinify PHP client.

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- v.2.0.0**
  - The extension now recognises duplicated images to save extra bandwidth and reduce the number of compressions.
  - Added status to indicate the API key is valid.
  - The configuration page now shows the latest compressions including savings.
  - You can now click on the latest optimized images to see the results.
  - Added the total number of compressions for the current month.
  - A new test mode allows testing of the extension in production environments without actually changing any images that visitors will see.
  - Added logfile options which are directly available from the Magento configuration page.

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- v.1.0.5**
  - Pilot version first release, fine tuning

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- v.0.9.5**
  - Initial bèta release of the extensie