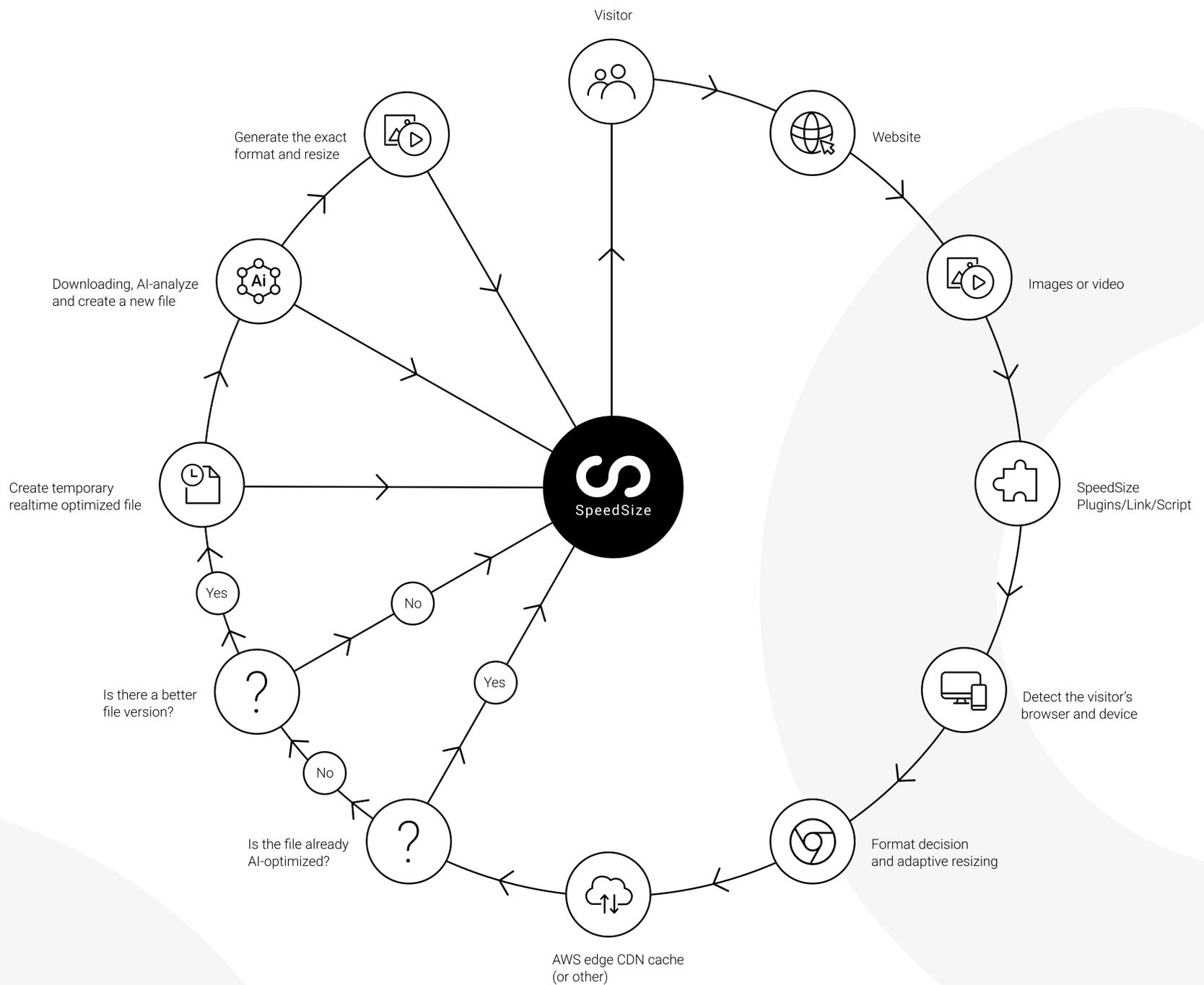


# SPEEDSIZE INTEGRATIONS

LINK | SCRIPT | VIDSITE | MAGENTO | SHOPIFY | WORDPRESS

No more complex APIs and coding processes. SpeedSize™ offers effortless and customizable integration options, including media Link redirect, 1 line of Script in the header, or dedicated Plugins for the most popular CMSs: Shopify, WordPress and Magento-Amasty. SpeedSize™'s neuroscience AI-optimization will automatically decide the correct format, crop and resize your media. Then it will deliver the best media file for every user, reducing the size by up to ~99% with no visible quality loss.

## MEDIA AI-OPTIMIZATION PROCESS



# “LINK” INTEGRATION

Rewrite your existing media links to SpeedSize™ to optimize your images and videos seamlessly.

[https://cdn1.speedsize.com/{CLIENT\\_ID}/{LINK}/{PARAM,PARAM,PARAM}](https://cdn1.speedsize.com/{CLIENT_ID}/{LINK}/{PARAM,PARAM,PARAM})

**{CLIENT\_ID}** — Public ID-key of the client, not required when using a linked custom domain (i.e., client.speedsize.com or cdn.website.com)

**{LINK}** — Absolute path to an image or video. Relative path can be used only in case of configured linked domain

**{PARAM,PARAM,PARAM}** — Transformation parameters (see below)

## BEFORE/AFTER EXAMPLE

Compressed:

<https://evrika.com/storage/products/images/medium/47fNOG0k0lphxXQT0DqfdiwGz46xvmpXSZ41bmea.jpg.webp?v=1633579224>

Original:

<https://speedsize.s3.eu-central-1.amazonaws.com/compressions/22/input/1685612/61007273695d4252d823a283fd53e7400eae764822baa05088b5b98e67b0d8f2>

SpeedSize:

[https://cdn1.speedsize.com/e3baa240-c8b7-44c1-b56d-ea0acff325fc/https://speedsize.s3.eu-central-1.amazonaws.com/compressions/22/input/1685612/61007273695d4252d823a283fd53e7400eae764822baa05088b5b98e67b0d8f2/f\\_auto,w\\_500,h\\_500,r\\_contain,imdt](https://cdn1.speedsize.com/e3baa240-c8b7-44c1-b56d-ea0acff325fc/https://speedsize.s3.eu-central-1.amazonaws.com/compressions/22/input/1685612/61007273695d4252d823a283fd53e7400eae764822baa05088b5b98e67b0d8f2/f_auto,w_500,h_500,r_contain,imdt)

## SANDBOX URL

[https://cdn1.speedsize.com/e3baa240-c8b7-44c1-b56d-ea0acff325fc/LINK\\_HERE/](https://cdn1.speedsize.com/e3baa240-c8b7-44c1-b56d-ea0acff325fc/LINK_HERE/)

## A/B TESTING TABLE

<https://docs.google.com/spreadsheets/d/1Zo7QZtZjis8cl5fDWkID8K16ZHfYFejliFhbktjCw0/edit?usp=sharing>

(Open -> File -> Make a copy -> Rename -> Edit)

## MEDIA AI-OPTIMIZATION PROCESS

**f\_auto** — automatic delivery of the best file candidate supported by the browser and available at the time of the request, based on the Accept header and other parameters, if any. Analysis and transformation are not done in real time, so for MagicLink the first request would be expected to get a response with a redirect to the original image URL until a more suitable file candidate is available. CloudFront distribution's cache refresh step is 600 seconds. If all possible transformation formats are completed during one of the refresh steps, then all the requests in the next cache refresh step will receive a response with the best format and maximum cache lifetime (one year). Enabled by default.

**mxw\_n** — downscaling the maximum width to n pixels while maintaining the aspect ratio to the nearest bigger resolution from the list of standard resolutions: 64, 96, 100, 128, 160, 192, 200, 240, 256, 320, 360, 480, 540, 600, 640, 720, 750, 768, 800, 828, 1024, 1080, 1125, 1152, 1170, 1200, 1242, 1280, 1284, 1366, 1440, 1536, 1600, 1650, 1920, 2048, 2256, 2304, 2560, 2736, 2880, 3000, 3200, 3440, 3840.

**w\_n** — downscaling to a width of n pixels, preserves the aspect ratio if height scaling is not specified.

**h\_n** — downscaling to a height of n pixels, preserves the aspect ratio if scaling by width is not specified.

**c\_auto** — automatic crop of the most important area of the image with the sizes specified in the w\_n and h\_n parameters, preserves the requested aspect ratio if the specified width or height is greater than the original file.

**s\_jp2** — explicit indication of JPEG-2000 format support, by default not transferred with Accept header by supported browsers (Safari, Chrome on iOS).

**s\_hevc** — explicit indication of HEVC format support, by default not transferred with Accept header by supported browsers (Safari, Chrome on iOS).

**s\_jxr** — explicit indication of JPEG-XR format support, by default not consistently transferred with Accept header by supported browsers (Internet Explorer, Edge).

**s\_vp9** — explicit indication of VP9 format support, by default not transferred with Accept header by supported browsers (Chrome, Firefox, Edge).

**s\_av1** — explicit indication of AV1 format support, by default not transferred with Accept header by supported browsers (Chrome, Firefox).

**s\_videoimg** — explicit indication of support of displaying video files in the IMG element instead of an animated image (Safari).

**ns\_atwebp** — an explicit indication of the lack of support for displaying animated WebP images with transparency, even with the presence of the Accept header of the corresponding support (Safari).

**rstrz** — transforms vector images (SVG) to raster version where applicable.

**fltn (or fltn\_COLOR)** — merges the transparent background with a white color by default or a specific provided hex-code RGB color (i.e. fltn\_D3D3D3 merges with the light grey).

**r\_contain** — preserves aspect ratio during resizing, applies letterboxing to reach the provided width and height where necessary. The color of the letterboxing can be provided with the b\_ parameter, white by default.

**b\_COLOR** — sets a background to a specific provided hex-code RGB color (i.e. b\_D3D3D3 is the light grey).

**r\_inside** — merges the transparent background with a white color by default or a specific provided hex-code RGB color (i.e. fltn\_D3D3D3 merges with the light grey).

**p\_POSITION** — sets a position of the image on a background when using the r\_contain parameter: top, righttop, right, rightbottom, bottom, leftbottom, left, lefttop, centre by default.

**imdt** — generates a transitional real-time transformation without redirects to the original file during the first step of cache.

**gs** — transforms an image to grayscale (black&white).

**blr (or blr\_N)** — applies a mild blur to an image, or if N is provided, applies a blur with a sigma of the Gaussian mask, where sigma is = 1 + radius / 2. Accepts the range of values from 0 to 1000

## **DROP CACHE**

[https://api.speedsize.com/dropFileCache/{clientID}/LINK\\_HERE](https://api.speedsize.com/dropFileCache/{clientID}/LINK_HERE)

<https://speedsize.com/dropcache>