Issued on: Oct 15 2019
Website analysed: https://www.headphonescity.com

source

Website Supply Chain Risk Report

FORMJACKING & MAGECART SUSCEPTIBILITY

Findings

Tag Manager (Used)

Adobe Tag Management | Google Tag Manager

Third Party Domains	Third Party Scripts	Security Headers Implemented
65	46	75 %

Unmanaged Services & Exposure Level

https://www.headphonescity.com
was scanned and analysed by our experts.

111

1340
Access Times

Unmanaged Services Found!

These services (3rd Party Javascripts) that your website is using, have access to the complete DOM and pages to enrich the site experience and utility. These services have access to the complete DOM and pages, and can collect browser that features output to modify the browser experience enfiltrate data and or impact website performance, experience and monetization.

Exposure Level

Critical

195 3rd parties collecting in page click events
Critical Risk

125 3rd parties collecting in form submissions
Critical Risk

135 3rd parties inject cookies/ sessions and input elements on the page
Critical Risk

375 3rd parties Direct access to forms and input fields.
Critical Risk

190 3rd parties in 3 stage
Critical Risk

320 3rd parties in sensitive pages
Critical Risk

0 3rd Party Malware services
(MC, Phish, Cryptojacking)

Important - Suspicious Behaviour

Critical Risk

Type of Behaviour	Suspicious Scripts	Operating Domains
Direct access to forms and input fields	adobe Dtm Amazon Aws Amazon +12	Google Tag Manager Amazon Aws Cloud Adobe Dtm Cdn Adobe
Creation of forms and input elements on the page	Amazon Aws Facebook +6	Google Tag Manager Amazon Aws Cloud Facebook Net Cdn Adobe
Listening to page click events	Amazon Aws Adobe Dtm +10	Google Tag Manager Amazon Aws Cloud
Listening to forms submissions	Amazon Google Tag Manager Criteo +2	Google Tag Manager Amazon Aws Cloud Amazon Cloudfront Criteo

What are 3rd Party Scripts

3rd party scripts refer to scripts / code available from 3rd party companies that are embedded in a website which if compromised can be used to access the website and its visitors. Unfortunately 3rd party scripts can provide robust functionality but they introduce risks to privacy, security, performance, and page behavior.

There is a strong correlation between the number of 3rd party scripts enhancement and the overall security efficiency. However, increased number of 3rd party scripts increases the risk of data theft or unauthorized and rapidly expanding attack surface.

Important Scripts on Sensitive Pages

We have found 19 scripts on pages that may contain sensitive information. As a customer, high risk 3rd party can access the complete DOM and page. Such access can be used to collect personally identifiable information, modify page behavior, or inject malicious code. Most commonly having access of this type impacts include skimming of payment card information, session hijacking, and other malicious activities of an e-commerce. Its critical to monitor code changes, inventory of unauthorized 3rd Party Services.

of unauthorized overlays that contain the code for additional malicious activity. Additionally, if the site contains unsecured pages, a 3rd party script can access the entirety of the page, including the entirety of private customer and payment records and significant data privacy compliance implications.

GDPR Compliance

Article 5:
processing of personal data

Article 16:
rectification of personal data

Article 17:
erasure of personal data

Article 18:
restrict processing of personal data

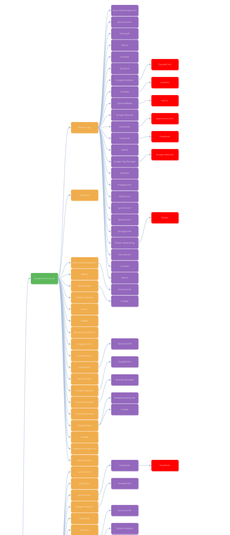
Article 32:
security of personal data

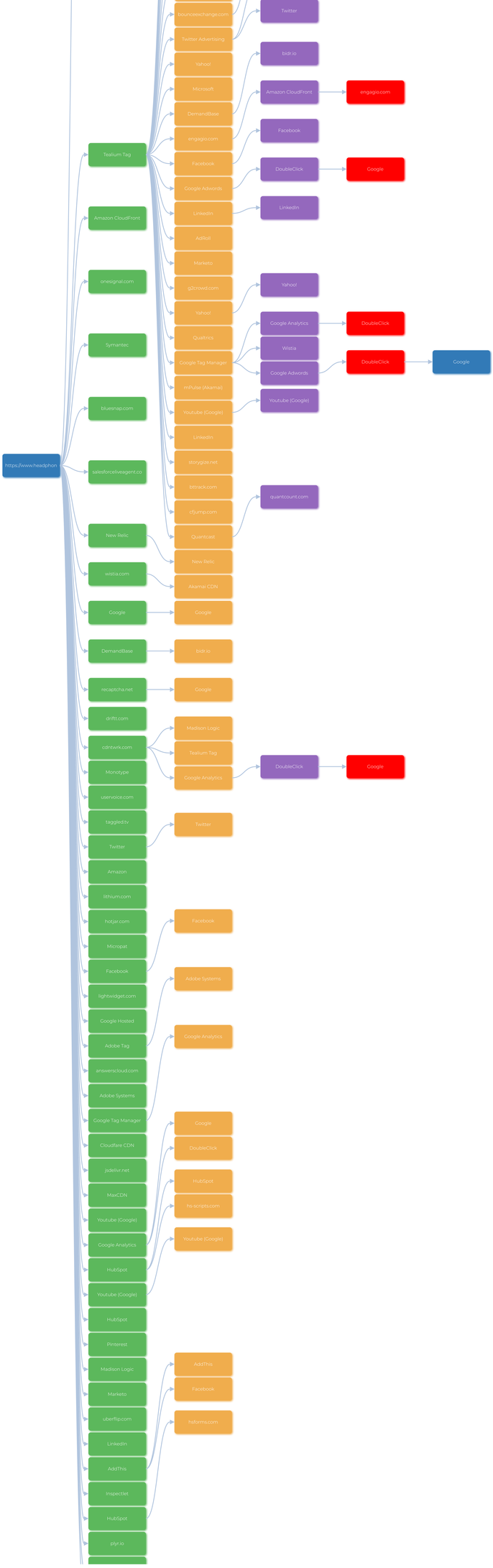
GDPR requires the ability to control the access, processing, and storage of personal data. Failure to do so, or to be able to prove that it adequately assesses the control and might be in violation of the following GDPR articles.

Scripts summary

Script Name	Origin	Category
headphonescity.net	Main Page	3rd Party
Tealium Tag Management	headphonescity.net	3rd Party
typeof	Tealium Tag Management	3rd Party
tracxtension.com	Tealium Tag Management	3rd Party
tracxtension.net	tracxtension.com	3rd Party
criteo.net	Tealium Tag Management	3rd Party
Google Adwords Conversion	Tealium Tag Management	3rd Party
Quantcast	Tealium Tag Management	3rd Party
quantcount.com	Quantcast	3rd Party
AdRoll	Tealium Tag Management	3rd Party
Hotjar	Tealium Tag Management	3rd Party
qeridn.com	Tealium Tag Management	3rd Party
Tealium Tag Management	Tealium Tag Management	3rd Party
glassesdirect.com	Tealium Tag Management	3rd Party
energyfox.net	Tealium Tag Management	3rd Party
Facebook	Tealium Tag Management	3rd Party
snapsupport.com	Tealium Tag Management	3rd Party
Qualtrics	Tealium Tag Management	3rd Party
Microsoft	Tealium Tag Management	3rd Party
DemandBase	Tealium Tag Management	3rd Party
bat.bing.com	DemandBase	3rd Party
Google Tag Manager	Tealium Tag Management	3rd Party
Google Adwords Conversion	Google Tag Manager	3rd Party
r2d2.cc.com	Tealium Tag Management	3rd Party
Twitter Advertising	Tealium Tag Management	3rd Party
Twitter	Twitter Advertising	3rd Party
adnxs.com	Tealium Tag Management	3rd Party
Google Analytics	Tealium Tag Management	3rd Party
DoubleClick	headphonescity.net	1st Party
Qualtrics	headphonescity.net	1st Party
tracxtension.net	headphonescity.net	1st Party
tracxtension.com	tracxtension.net	1st Party
typeof	tracxtension.com	1st Party
DoubleClick	DoubleClick	1st Party
Google	DoubleClick	1st Party
Twitter Analytics	headphonescity.net	1st Party
bat.bing.com	headphonescity.net	1st Party
AdRoll	headphonescity.net	1st Party
Amazon CloudFront CDN	headphonescity.net	1st Party
engagedcom	headphonescity.net	1st Party
Amazon CloudFront CDN	headphonescity.net	1st Party
adsbyscale	headphonescity.net	1st Party
doubleclick.net	headphonescity.net	1st Party
cdn.jsw.bingads	headphonescity.net	1st Party
Google	Google Maps	3rd Party
headphonescity.net	Google Maps	3rd Party
Google	headphonescity.net	1st Party
mediaforcongroup.com	headphonescity.net	1st Party
adsbyscale	headphonescity.net	1st Party
Tealium Tag Management	Main Page	Tag Manager
adsbyscale	Tealium Tag Management	3rd Party
adsbyscale	Tealium Tag Management	3rd Party
Google Analytics	Tealium Tag Management	3rd Party
Google Analytics	Tealium Tag Management	3rd Party
Twitter Advertising	Tealium Tag Management	3rd Party
Twitter Analytics	Tealium Tag Management	3rd Party
Twitter	Twitter Advertising	3rd Party
Facebook	Tealium Tag Management	3rd Party
tracxtension.com	Tealium Tag Management	3rd Party
tracxtension.net	Tealium Tag Management	3rd Party
typeof	Tealium Tag Management	3rd Party
adsbyscale	Tealium Tag Management	3rd Party
Quantcast	Tealium Tag Management	3rd Party
quantcount.com	Quantcast	3rd Party
Google Adwords Conversion	Tealium Tag Management	3rd Party
DoubleClick	Google Adwords Conversion	3rd Party
Google Tag Manager	Main Page	Tag Manager
Google Adwords Conversion	Google Tag Manager	Tag Manager
Google Analytics	Google Tag Manager	3rd Party
Hotjar	Google Tag Manager	3rd Party
engagedcom	Tealium Tag Management	3rd Party
Amazon CloudFront CDN	engagedcom	3rd Party
bidswitch.net	Amazon CloudFront CDN	3rd Party
Microsoft	Tealium Tag Management	3rd Party
LinkedIn	Tealium Tag Management	3rd Party
Hotjar	Tealium Tag Management	3rd Party
Qualtrics	Tealium Tag Management	3rd Party
energyfox.net	Tealium Tag Management	3rd Party
AdRoll	Tealium Tag Management	3rd Party
DemandBase	Tealium Tag Management	3rd Party
Hotjar	DemandBase	3rd Party
r2d2.cc.com	Tealium Tag Management	3rd Party
Tealium Tag Management	Tealium Tag Management	3rd Party
Amazon CloudFront CDN	Main Page	3rd Party
energyfox.net	Main Page	3rd Party
Symantec	Main Page	3rd Party
Bootstrapcdn	Main Page	3rd Party
velaskiselectualsystem.com	Main Page	3rd Party
Fake Rolex	Main Page	3rd Party
adsbyscale	Main Page	3rd Party
Akamai CDN	adsbyscale	4th Party
Google	Main Page	3rd Party
DemandBase	Main Page	3rd Party
velaskiselectual	Main Page	3rd Party
Google	Main Page	3rd Party
jsdelivr.net	Main Page	3rd Party
cdnjs.cloudflare.com	Main Page	3rd Party
Mailchimp Legal	cdnjs.cloudflare.com	4th Party
Tealium Tag Management	cdnjs.cloudflare.com	4th Party
Google Analytics	cdnjs.cloudflare.com	4th Party
DoubleClick	Google Analytics	5th Party
Google	DoubleClick	6th Party
Microsoft	Main Page	3rd Party
cdnjs.cloudflare.com	Main Page	3rd Party
Gaggle.Net	Main Page	3rd Party
Tealium	Main Page	3rd Party
Amazon	Main Page	3rd Party
bitium.com	Main Page	3rd Party
Gaggle.com	Main Page	3rd Party
Microsoft	Main Page	3rd Party
Facebook	Main Page	3rd Party
lightningbyte.com	Main Page	3rd Party
Google Tagmanager Services	Main Page	3rd Party
Adobe Tag Management	Main Page	Tag Manager
Adobe Systems	Adobe Tag Management	3rd Party
arsenicbutyl.com	Main Page	3rd Party
Adobe Systems	Main Page	3rd Party
Cloudflare CDN	Main Page	3rd Party
jsdelivr.net	Main Page	3rd Party
MailCHK	Main Page	3rd Party
Youtube (Google)	Main Page	3rd Party
Google Analytics	Main Page	3rd Party
Google	Google Analytics	4th Party
nucdigital	Main Page	3rd Party
Incapsulapsum	Main Page	3rd Party
Hotjar	Main Page	3rd Party
Facebook Login	Main Page	3rd Party
Marketo	Main Page	3rd Party
Leadfeeder	Main Page	3rd Party
LinkedIn	Main Page	3rd Party
AddThis	Main Page	3rd Party
Facebook	AddThis	4th Party
Yoapepper	Main Page	3rd Party
Adformcom	Yoapepper	4th Party
Mail.Ru	Main Page	3rd Party
flymouseom.com	Main Page	3rd Party
cdnjs.com	Main Page	3rd Party

Scripts Request Map


Main Page
Google Tag Manager
Google Analytics
Google
Google Adwords Conversion



About Source Defense

source DEFENSE

Follow us on:

Source Defense provides an entirely new and unique website security solution focused on preventing malicious activity originated from 3rd party technology and partners suppliers that are universally deployed on websites.

The Source Defense solution includes a fully automated and machine-learning-assisted policy engine that controls the access and permissions of all 3rd party technologies operating on a website. The Source Defense solution protects websites' critical assets and ensures user experience, and website performance are not compromised.

Source Defense prevents attacks on websites that seek to steal customer and payment data, alter webpages, hijack sessions and impact customer data privacy. Through first-of-its-kind isolation and segmentation technology Source Defense isolates the user web experience from all 3rd party technologies operating on the website. Source Defense's Real-Time Prevention through In-Line JavaScript Sandboxing allows granular control of policies and 3rd party permissions ensuring the customer-facing experience is insulated from malicious activity.

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