BSS COMMERCE

WEB MAINTENANCE FULL-SITE CHECK SAMPLES
for the **overall health audit** of your website

https://bsscommerce.com/magento-services

SUMMARY

Audit Unit	Summary	Link	Note/Suggestions	ET
Code integrity	Check if any core file is modified	https://docs.google.com	Core files are not modified => Site is safe to be upgraded. The current Magento version is 2.2.6, you can consider to upgrade site to the latest version 2.3.3 for better performance and have more security enhancements	
List 3rd party module	Module name + status (enable/disable) + Module version	https://docs.google.com	There are in total 48 3rd party modules installed on the site, one is disabled. If the disabled one is no longer necessary, pls consider to remove it to optimize code on the site. For the enabled ones, we recommend to upgrade all to the latest version	
Code validation	Audit the third-party theme based on Magento coding standard (if theme packages are available) Audit the self-customized theme based on Magento coding standard	https://docs.google.com	- Validate tool: the popular issues are related to the code format and some warnings about the code standard => not crucial - Validate Manually: + code in layout file not in the correct structure: http:// + code PHP not written in the JS file: + module is declared but not used http:// + file is declared but not used + Js doesn't meet Magento standard: + Redundant file: + Unused code: + Code not in correct output text format + use ObjectManager directly	
Usability Audit		https://docs.google.com	There are not much big issues on the site. But we still suggest fixing all of them for better UX. Pls go through the result of usability test and let us know which one you'd like us to check further. We'll provide you the ET for them later.	pending
JS console error	Detect JS errors from the browser console	https://docs.google.com		
Speed		https://docs.google.com	Speed score is quite poor. There are many default features of Magento that support optimizing speed on the site are disabled. Some log files are very heavy, we can even open them to check => Follow our checklist to optimize the site speed and give the customize the best UX when do shopping on the site	
Security		https://docs.google.com	Because we don't have the root ssh access so some points will be left pending. Basically, site is secured but we can do more to enhance its security	
Magento coding standard				

CODE INTEGRITY

Site current version: 2.2.6		
Magento core code		
Issue	**File path**	**Suggest**
There are many junk files not in use	http://prntscr.com/qnb195 http://prntscr.com/qnb2ud http://prntscr.com/qnb6pa	remove
Translate files created in core files	http://prntscr.com/qnb1mt	Need to move these files into the
Core files are modified	http://prntscr.com/qnb27n http://prntscr.com/qnb3g6	Revert core code + confirm logic to propose suggestions
Core files are modified	http://prntscr.com/qnb5mv	Revert core code + make modifications in the theme
Core files are modified	http://prntscr.com/qnb66h	Rewrite core code

Code 3rd party		
Module	**Issue**	**File path**
BestMageCPTP	edit text	app/code/BestMageCPTP/view/frontend/templates/product/price/tier_price.phtml
WebinseRegionManager	Edit text and format	app/code/Webinse/RegionManager/Block/Checkout/LayoutProcessor.php
	translate file is created	app/code/Webinse/RegionManager/i18n/tr_TR.csv
	Edit text	app/code/Webinse/RegionManager/view/frontend/templates/js.phtml
	Edit text	app/code/Webinse/RegionManager/view/frontend/web/js/checkout_js.js
Milople/PersonalizedItch	translate file is created	app/code/Milople/PersonalizedItch/i18n/tr_TR.csv
	Customize template - input qty http://prntscr.com/qnf5ys	app/code/Milople/PersonalizedItch/view/frontend/templates/product/view/addtocart.phtml
	Customize template - gallery	app/code/Milople/PersonalizedItch/view/frontend/templates/product/view/gallery.phtml
	- add alt for image tag and add title for button tag	app/code/Milople/PersonalizedItch/view/frontend/templates/product/view/Personalized
	- edit css http://prntscr.com/qnf9rs	app/code/Milople/PersonalizedItch/view/web/css/lightbox_css ; personalizedrich.css
	- edit js	app/code/Milople/PersonalizedItch/view/web/js/personalizedrich.js

JS CONSOLE ERROR

ID	Page		Image	JS error	Link file
	https://www.essenzahop.at/			Date: 25/12/2019	
	General			GET https://d3q177bgd45056.cloudfront.net/version1576811607/frontend/Essenzatheken/blank/de_DE/css/fonts.css net::ERR_ABORTED 404	https://d3q177bgd4056.cloudfront.net/version1576811607/frontend/fonts.css
				Failed to load resource: the server responded with a status of 404 ()	https://d3q177bgd4056.cloudfront.net/version1576811607/frontend/styles.min.css
				Failed to load resource: the server responded with a status of 404 ()	https://d3q177bgd4056.cloudfront.net/version1576811607/frontend/print.min.css
	Home page		https://prnt.sc/gfb32	Same with General	
	Create account		https://prnt.sc/gfb3r	Same with General	
	Login		https://prnt.sc/gfcan	Same with General	
	Forgot password		http://prntscr.com/gfefd	Same with General	
	Other pages	CMS pages	http://prntscr.com/gfek2	Same with General	
		Blog	http://prntscr.com/gffL2	Same with General	
		Blog post	http://prntscr.com/gffL7	Same with General	
	Product page		http://prntscr.com/gffs3	Uncaught SyntaxError: Unexpected token u in JSON at position 0	https://www.essenzahop.at/esenzia-chteln-c-plus-zink-kapseln.html
				Same with General	
	Category page		http://prntscr.com/gfg2s	Same with General	
	Cart page		http://prntscr.com/gfsgl	[2019-12-25 05:47:28] [ERROR] Failed to load the "Magento_GiftMessage/js/view/gift-message" component.	https://d3q177bgd4056.cloudfront.net/version1576811607/frontend/js/Minifdcart
				Same with General	
	Checkout page		http://prntscr.com/gfyoi	Uncaught TypeError: Cannot read property 'innerHTML' of null	https://www.essenzahop.at/onestep/checkout
				Uncaught TypeError: Cannot read property 'code' of undefined	https://d3q177bgd4056.cloudfront.net/version1576811607/frontend/js/Checkout.js
				Same with General	
	Success page		https://prntscr.com/y8mz	Command ignored. Plugin "linkid" has already been required on tracker "t0".	https://www.google-analytics.com/analytics_debug.js
	My account page	General	http://prntscr.com/gfof	Same with General	
		My Orders	http://prntscr.com/gfp2x	Same with General	
		Order detail page	http://prntscr.com/gfpJx	Same with General	
		Address book	http://prntscr.com/gfpbg	Same with General	
		Account Information	http://prntscr.com/gfpj0	Same with General	
		My reviews	http://prntscr.com/gfjkq	Same with General	

USABILITY AUDIT

	BASIC FUNCTIONS			
ID	**Section**	**Status**	**Actual result** **25/12/2019**	**Image/video link**
I	FRONTEND			
1	Home page	PASS	Function works well.	
2	Create acc	PASS	Function works well.	
3	Login & logout	PASS		
4	Forget & reset password	PASS	Function works well.	
5	Header	PASS	Function works well.	
6	Footer	SUGGESTION	Newsletter subscription field: after submitting an invalid email address, text color turns white. That makes it's hard to edit the text.	
7	Other pages (CMS page, Content pages, ...)	FAIL	Familie Job page: error images.	
		FAIL	404 page: homepage link is wrong.	
		FAIL	Our brands page: error images.	
		FAIL	⬚⬚⬚ email address is not at correct position.	
8	Product page (site only has simple products)	REVIEW	Many products have no image, especially at Versandapotheke category.	
		FAIL	Open product page (update-item page) from update item function in cart -> 1. The product page showing has "update item" button and "checkout" button stick together.	
		REVIEW	2. There is one-click order function showing which is not in normal product page. Not sure if the function should work only at update-item page.	
		FAIL	Customer can not add to cart more quantity than instock quantity, but there is no alert message to inform them in normal product page, while there is alert message showing at update item page.	
9	Category listing page	SUGGESTION	"Mehr anzeigen" (Show more) button at rating filter is redundant since the rating options are always fully showed. It is also still displayed at the category filter when all subcategories are showed.	
10	Cart page	FAIL	"Clear cart" button does not clear cart. It works in the same way with "update cart" button.	
11	Checkout	General	SUGGESTION	Order summary: long product name displays under the thumbnail even though there is enough space for it.	
		Checkout as guest	PASS	Function works well.	
			SUGGESTION	Required field alert message should be more noticable.	
			SUGGESTION	Add new address pop-up: field title and the star symbol should stay on a same line.	
		Checkout as logged-in user	FAIL	Add new address pop-up: "Ich bestätige, dass ich über 18 Jahre alt bin" is required to be checked at checkout as guest, but it is not required here.	
			SUGGESTION	New billing address form: "Im Adressbuch speichern" should stay at a more appropriate location	
		Success page	PASS	Function works well.	

THIRD PARTY MODULES

3rd THIRD PARTY MODULES	VERSION	STATUS	DISABLED CORE MODULES
	1.8.0	Enabled	Amazon_Core
	1.4.5	Enabled	Amazon_Login
	1.1.1	Enabled	Amazon_Payment
	Custom module	Enabled	
	1.0.1	Enabled	
	4.0.210	Enabled	
	1.0.32	Enabled	
	Custom module	Enabled	
	Custom module	Enabled	
	Custom module	Enabled	
	Custom module	Enabled	
	Custom module	Enabled	
	3.1.7	Enabled	
	0.1.6	Enabled	
	2.0.2	Enabled	
	0.1.8	Enabled	
	1.0.5	Enabled	
	1.0.2	Enabled	
	1.0.0	Enabled	
	2.9.0.1	Enabled	
	2.0.6	Enabled	
	2.0.4	Enabled	
	0.1.14	Disabled	

CODE VALIDATION

Audit the custom modules		Suggestions	Audit the third-party modules	
Path-Module	**Detail**		**Path**	**Detail**
app/code/Bss\WebMeridian\ContactIcons	NONE		app\code/Amasty\Base	app\code\Amasty\Base\Block\AdminHtml\Import.php
app/code/Essenz\Apotheken\Base	app\code\Essenz\Apotheken\Base\Block\Header\Metatags\GeotagBlock.php		app\code/Amasty\SeoRichData	app\code\Amasty\SeoRichData\Helper\Config.php
app/code/Essenz\Apotheken\Catalog	app\code\Essenz\Apotheken\Catalog\Block\Product\Html\Breadcrumbs.php		app\code/Bss\LayerNavigation	app\code\Bss\LayerNavigation\Block\AdminHtml\Product\Attribute\Edit\Tab\Layer.php
app/code/Essenz\Apotheken\Newsletter	app\code\Essenz\Apotheken\Newsletter\Model\Subscriber.php		app\code/Customweb\Base	app\code\Customweb\Base\Block\ExternalCheckout\AbstractWidget.php
app/code/Firebear\CustomImportExport1	app\code\Firebear\CustomImportExport1\E\Model\Export\Product.php		app\code/Customweb\SaferpayCw	https://docs.google.com/document/...
app/code/Mir\Seo	app\code\Mir\Seo\Observer\Category\savebefore.php		app\code/Firebear\ImportExport	https://docs.google.com/document/...
app/code/WebMeridian\Base	NONE		vendor/magento/magento2	https://docs.google.com/document/...
app/code/WebMeridian\ContactIcons	app\code\WebMeridian\ContactIcons\Block\Icons.php		/vendor/limesoda/limesoda_n2monitoring	vendor/limesoda/limesoda_n2monitoring\Console\CronFiler.php
app/code/WebMeridian\Customweb	app\code\WebMeridian\Customweb\Rewrite\Customweb\SaferpayCw\Model\Authorizati		vendor/limesoda/magento2_adaptive-images	vendor/limesoda/magento2_adaptive-images\Observer\Resize\Write.php
app/code/WebMeridian\FastCheckout	app\code\WebMeridian\FastCheckout\Block\Product\Button.php		vendor/limesoda/magento2_banner	vendor/limesoda/magento2_banner\Block\Native\Write.php
app/code/WebMeridian\MagefanBlog	app\code\WebMeridian\MagefanBlog\Helper\Data.php		/app/code/MageClean\ClickAndCollect	app\code\MageClean\ClickAndCollect\Backup\DataSourceInterface.php
app/code/WebMeridian\OneClickOrder	app\code\WebMeridian\OneClickOrder\Block\AdminHtml\Color.php		app/code/Magefan\Blog	https://docs.google.com/document/...
app/code/WebMeridian\ProductSaleLabels	app\code\WebMeridian\ProductSaleLabels\Helper\Data.php		app/code/Magefan\Community	app\code\Magefan\Community\Block\AdminHtml\AllBackBlocks.php
app/code/WebMeridian\Seo	app\code\WebMeridian\Seo\Api\Category\CategorySaveInterface.php		app/code/Magefan\MysteryAdvanced	app\code\Magefan\MysteryAdvanced\ref\Page\Magento\Ui\Component\Catalog\config\Plugin.php
app/code/WebMeridian\SeoRichSnippet	app\code\WebMeridian\SeoRichSnippet\Rewrite\Amasty\SeoRichData\Block\Product.ph		vendor/magepal/magento2_googletagma	vendor\magepal\magento2_googletagmanager\Block\AdminHtml\System\config\xml\compose
app/code/WebMeridian\TierPriceFixOnPro	app\code\WebMeridian\TierPriceFixOnProduct\Save\Helper\Data.php		vendor/magepal/cart.module.core	vendor\magepal\cart.module.core\Block\AdminHtml\Columns.php
			vendor/magepal/magento2_one.step.c	https://docs.google.com/document/...
			app/code/MageVision\GeoIP	app\code\MageVision\GeoIP\Block\AdminHtml\System\config\update.php
			app/code/MageVision\Info	app\code\MageVision\Info\Block\AdminHtml\Elements.php
			app/code/MageVision\ShippingRates	https://docs.google.com/document/...
			app/code/OrigLocalRegeneratorDifferal	app\code\OrigLocalRegeneratorDifferal\Console\command\RegeneratorInterface.php
			vendor/stampit/magento2_module.imag	vendor\stampit\magento2_module.image.resizer\Controller\Adminhtml\cache\ClearFrontend
			app/code/TrustedShops\TrustedShops	app\code\TrustedShops\TrustedShops\Block\System\Expert\style.php
			app/code/Yex\Hill	app\code\Yex\Hill\Block\AdminHtml\enum.php
			app/code/Yex\Magemanns	https://docs.google.com/document/...
			app/code/Yex\Setup	app\code\Yex\Setup\Block\AdminHtml\gueril\API\src.php
			vendor/vendor.starter.core	vendor.starter.core\Block\System\config\FrontStartsData.php
			vendor/xtento\productexport	https://docs.google.com/document/...

SPEED

SPEED UP CHECKLIST (LIVESITE)		SEVERITY	NOTE
Magento Default Supports	Enable all Magento cache	Must	- Full page cache is currently disabled ~~[blurred]~~ => need to enable cache and test the site again TO-DO
	Enable flat catalog, category	Should	- Disabled => need to enable TO-DO
	Minify JS/CSS	Must	- Not minified yet TO-DO
	Bundle JS	Suggestion	
	Switch site to production mode	Must	ok
	Update indexes?? ~~[blurred]~~	Must	ok
	Robot.txt - only allow popular bots such as Google, Bing, yandex	Should	Robot.txt is not used on the site => suggest using the file to prevent bad bots from attacking and spamming TO-DO
Frontend Optimization	Image optimizer	Should	TO-DO
	Lazy loads	Suggestion	Done. There's already lazy load module installed on the site
	CDN	Suggestion	PENDING
Code Optimization	Compile the code	Must	TO-DO
	Delete unnecessary files on the server: - Old backups - Test files - Duplicated images which are in product catalog but doesn't belong to any products	Should	TO-DO
	Check code frontend => optimize remove display none blocks	Should	TO-DO
	Disable/delete unused modules	Should	
	Fix Magento logs	Suggestion	Some log files are too heavy to view. PENDING
	Check all the scripts on the site, remove the unused ones	Should	TO-DO
	Optimize cronjobs (disable unnecessary jobs)	Should	TO-DO
	Blackfire.io	Suggestion	PENDING

SECURITY

		Safe	No need more action
		ToDo	Need more action
		Pending	No conclusion yet

Configuration	Checkpoints	Status check	Note	ET
	Work with reliable hosting providers and solution integrators	Pending	Required information	
	Launching the entire site over HTTPs	ToDo	Solution	
	Ensure that there is no unnecessary software running on the server.	ToDo	Solution	
	Use only secure communications protocol (SSH/SFTP/HTTPS) to manage files, and disable FTP.	ToDo	Solution	
	Magento includes .htaccess files to protect system files when using the Apache web server.	Safe	ok	
	Use strong and unique passwords, and change them periodically.	Safe	ok	
	Keep the system up to date, and immediately install patches when new security issues are discovered.	ToDo	Solution	
SERVER	Closely monitor any issues that are reported for software components used by your Magento installation, including the operating system, MySQL database, PHP, Redis (if used), Apache or Nginx, Memcached, Solr, and any other components in your specific configuration.	Pending	Required information	
SERVER APPLICATIONS	Make sure that all applications running on the server are secure.	Safe	ok	
	Avoid running other software on the same server as Magento, especially if it is accessible from the Internet. Details	Pending	Required information	
	Automate the deployment process, if possible, and use private keys for data transfer.	Pending	Required information	
	Limit access to the Magento Admin by updating the whitelist with the IP address of each computer that is authorized to use the Admin and Magento Connect downloader.	Safe	ok	
	Do not install extensions directly on a production server.	Safe	ok	
	Use two-factor authorization for Admin logins. Details	Safe	ok	
	Review your server for "development leftovers." Details.	ToDo	Solution	
	Limit outgoing connections to only those that are required, such as for a payment integration.	Pending	Required information	
ADVANCED TECHNIQUES	Use a Web Application Firewall to analyze traffic and discover suspicious patterns, such as credit card information being sent to an attacker.	Pending	Required information	
	Make sure that the computer that is used to access the Magento Admin is secure.	ToDo	Solution	
	Keep your antivirus software up to date, and use a malware scanner. Do not install any unknown programs, or click suspicious links.	ToDo	Solution	
	Use a strong password to log in to the computer, and change it periodically. Use a password manager such as LasstPass, 1Password, or Dashlane to create and manage secure, unique passwords.	ToDo	Solution	
ADMIN DESKTOP ENVIRONMENT	Do not save FTP passwords in FTP programs, because they are often harvested by malware and used to infect servers.	ToDo	Solution	
	Use the latest version of Magento to ensure that your installation includes the most recent security enhancements.	ToDo	Solution	
	Use a unique, custom Admin URL instead of the default "admin" or the often-used "backend," Details	Safe	ok	
	Block access to any development, staging, or testing systems. Details	ToDo	Solution	
	Use the correct file permissions. Details	Safe	ok	
	Use a strong password for the Magento Admin.	Safe	ok	
	Take advantage of Magento's security-related configuration settings for Admin Security, Password Options, and CAPTCHA.	ToDo	Solution	
	Install extensions only from trusted sources. Details.	ToDo	Solution	
	Do not click suspicious links, or open suspicious email.	Pending	Required information	
	Do not disclose the password to your server or to the Magento Admin, unless you are required to do so.	Pending	Required information	
	Develop a disaster recovery/business continuity plan. Even a basic plan will help you get back on track in the event of a problem.	ToDo	Solution	
	Ensure that your server and database are automatically backed up to external location. Details.	ToDo	Solution	
	For a large site, simple text file dumps of the database take an unacceptable amount of time to restore. Details.	Safe	ok	
	Scan your store monthly on MageReport.com to detect malware and to identify any security patches you may not have deployed. MageReport.com is a highly-regarded service that is available at no charge.	ToDo	Solution	
MAGENTO INSTALLATION	Unsecure Magmi Data Import Tool , adminer	Safe		
	Check periodically for unauthorized Admin users.	Pending	Required information	
	Work with your hosting provider to review server logs for suspicious activity, and to implement an Intrusion Detection System (IDS) on your network.	ToDo	We found this error in log: Details	
SECURITY REVIEW	Use a file and data integrity checking tool such as TripWire to receive notification of any potential malware installation.	Pending	Required information	