

MIGRATING

1.0

TO

2.0

MAGENTO

iFLAIR



MIGRATION STEPS



It's been time to upgrade to latest Magento version. Magento have launch Magento 2 in 2015 and now it is the right phase to upgrade from Magento 1.x to Magento 2. After 2 years or so Magento will stop providing the support to the website developed in Magento 1.x. So it is compulsory to migrate Magento 1.x website to Magento 2.0 today for webshop owners. So what are you waiting for? We are here to be your webshop master and migrate your complete webshop in the latest Magento 2.0 version. Website in Magento 2 is a new height for Ecommerce.

The migration of an existing e-commerce Magento shop will be handled by Magento 2 Professional team and it will be successfully executed of online store migration so all data will be migrated to new website. iFlair team is of experts in migrating the existing website Magento to Magento 2 with all data, same design or absolutely new one, SEO factors and from all kinds of plugins with any level of complexity.

We can efficiently move following data to Magento 2.

- Orders
- Customers
- URL rewrite Rules
- Product Attributes
- Product Set
- Product Catalogue
- Product Category and Sub Category
- Configuration Settings
- SEO URLs
- Custom Fields
- Reviews

Magento 2.0 Upgrade Features:

❖ Open, Flexible Architecture:

- Powered by an entirely new, next-generation architecture, Magento 2 provides unparalleled flexibility to bring your ecommerce vision to life.

❖ Improved Performance and Scalability:

- Magento system converts dealer data, like product catalog, prices, customer, multi-store, etc. by building index tables and always keeping it updated to increase the query speed and expand the performance of the online store.

❖ Engaging Shopping Experiences:

- Central to the Magento 2.0 platform is an engaging, seamless and personalized customer experience across any device.

❖ Easier Maintenance and Upgrades:

- A revamped, most recent and flexible architecture enables the functionality provided by Magento 2.0, providing unparalleled scope and flexibility.

❖ Secure Payments:

- Security is a key component of Magento 2.0, with tight out-of-the-box with PayPal, Braintree, Authorize.net and many other payment gateways.

❖ Enhanced Business Tools:

- Magento 2.0 modernizes the dealer practice by allowing them to swiftly and professionally handle growth. By not having to scale up teams to accommodate this progress, dealers can save on budget and resources.

iFlair Upgrade Process to Magento 2

- iFlair is going to do all the work on staging Server, using a local PHP/MySQL server . Once the local update is completed, we will deploy it on live server.
- There will be no change in design or functionality of the website.
- Shipping and payment gateway will be same as in the current website.
- Language and Currency will be same as current website.
- Administrator functionality will be same as in the current website.
- Website functionality will remain same but it will be as per Magento 2 standards.
- SEO Factors being unaffected.

Magento 2 Upgrade Key Points:

❖ Check Extension Compatibility:

- Our developer will first check the extensions or plugins used in this website.
- Then they will check their compatibility with Magento 2.0.
- If the extension or plugin is not compatible with Magento 2.0, we will check the available version that supports Magento 2.0.
- In case the extension or plugin is not available then we have to look for alternative plugin which has similar functionality.

❖ Custom Code:

- We will check the code of the website. If there is any custom coding is done then we will have to rewrite the custom code that supports and works well with Magento 2.0.

❖ Payment and Shipping Module:

- We will use the same shipping and payment method as in the current website.
- We will check the Magento 2 compatibility for both shipping and payment methods.

❖ Import Data:

- We will import data like Products, Customer and Order from current Magento website to Magento 2.0

❖ QA and Testing:

- iFlair QA analyst will Test your shop thoroughly; create accounts, buy products, cancel orders, check the invoices, etc... before we upload the website to live server.

❖ Start the update on live server and activate Store:

- iFlair will deploy the up-to-date store your production server by accessing it with your browser as well as do verification of all parameters before the update, finishing the update, Import your translations, Check that the main domain name is correct, Regenerate your robots.txt files ("Preferences / SEO & URLs" page, "Generate robots.txt" section), Check that your theme works as expected. If not, our team will have to edit its files and coding structure. We will test your web store precisely by creating accounts, purchase products, cancel orders, check invoices, etc...

❖ Support and Maintenance:

- We will initially review the website and ensure that website is safe to update. We will provide weekly Magento 2 updates so our Client can rest easy knowing that their site is operating exactly the same way that they are looking. iFlair guarantees cent percent customer satisfaction with cost effective services.



Key Differences between Magento 1 and Magento 2 Platform

Features	Magento 1	Magento 2
Technology Stack	<ul style="list-style-type: none"> • PHP 5.2.x and PHP 5.5.x • MySQL • Apache 2.x • Solr • HTML • CSS • JQuery (In RWD themes) • Zend Framework 1 	<p>Magento 2 supports More Tech Stack with Modern Technologies</p> <ul style="list-style-type: none"> • PHP 5.5, PHP 5.6.x , PHP 7 • MySQL 5.6x • Apache 2.2 or 2.4 • CSS 3 • HTML 5 • PSR Compliance • JQuery • RequireJS • Varnish Cache 3.x,4.x • Solr 4.x • Redis 2.x,3.x • Nginx • Composer • Symfony • Zend Framework 1, 2
CSS Preprocessor	<ul style="list-style-type: none"> • CSS Preprocessor is not available 	<ul style="list-style-type: none"> • Less CSS preprocessor reduce compilation time and improve page loading speed
Full Page Caching	<ul style="list-style-type: none"> • Not Available. We need to install third party extension to achieve this functionality. 	<ul style="list-style-type: none"> • In Built Varnish cache which reduce server load time and improve website speed.
Image Compression	<ul style="list-style-type: none"> • Need to do manually 	<ul style="list-style-type: none"> • Optimize image directly on server with in built Image Compression
PSR Compliance	<ul style="list-style-type: none"> • Not enforce any coding standard 	<ul style="list-style-type: none"> • It automatically enforce coding standard.

<h2>Composer</h2>	<p>Not available. So User needs to manage PHP dependency manually.</p>	<p>Composer is dependency manager for PHP packages.</p> <ul style="list-style-type: none"> • It provide dependency resolution for PHP packages • Keep all packages updated
<h2>Improve Checkout Process</h2>	<p>Magento 1 has six steps accordion base check out process</p> <ul style="list-style-type: none"> • Checkout as a Guest or Register • Billing Information • Shipping Information • Shipping Method • Payment Information • Order Review 	<p>Magento 2 brings vast improvement in checkout process by introducing 2 steps checkout which makes checkout process very quick and reliable.</p> <p>Registered customers are prompt to login into the system or they can continue with guest checkout.</p> <ul style="list-style-type: none"> • Shipping • Review & Payments
<h2>Java Script Library</h2>	<ul style="list-style-type: none"> • We need to mention JavaScript library in page header which cause conflicts sometimes. 	<ul style="list-style-type: none"> • Magento 2 supports only one Java script framework RequireJS which eliminates chances of different Js conflicts compare to Magento 1. • RequireJS is fast and light weight library. It Load JS resources asynchronously which improves page load time.

Admin Interface

- Admin Interface is not intuitive and user friendly compare to Magento 2.

- Newly design admin interface is designed to reduce the store management timings.

Framework Enhancement

- None

- It is more user friendly which increase productivity while managing products, order and customer data.

- Major code and theme refactoring which provide the optimize code base and which improves code quality

- User can easily maintain and upgrade code

Test Friendly

- It is not test friendly system.

Facilitates automated testing techniques for modules which make module robust and help to define integration issue easily.

- **Integration Testing**
- **Unit Testing**
- **Static Testing**
- **Performance Testing**
- **JavaScript Testing**