

DATASHEET

Zend Migration Services

Increase Security, Efficiency, and Performance

Finding the time and expertise to migrate to a new release of PHP or Laminas (formerly Zend Framework) can be challenging. Successful migrations require specific types of code and architecture expertise to make the most of new features, optimize performance gains, and alleviate issues. Without extensive migration experience, it can also be difficult to establish effective strategies and accurate schedules, especially with larger applications.

Stay focused on building value for your business — and keep your PHP applications up to date by engaging Zend Migration Services.

Why Zend Migration Services?

When you work with Zend Migration Services, your project is managed by an architect with extensive experience in PHP migrations involving applications with thousands to millions of lines of code, so you can:

- **Save Time**
Skip learning curves and accelerate migrations with experienced architects and proven best practices.
- **Increase Performance**
Realize the maximum gains in application speed and resource utilization via expert configurations.
- **Cut Risk**
Minimize unexpected cost and resource issues, downtime, and other business disruptions.

Why Migrate?

It's critical to update your applications' runtimes and frameworks. New releases:

- Include security patches, which protect against breaches.
- Can increase application performance by 10X, dramatically improving user experience.
- Include new features that often boost development efficiency and code quality, helping to speed time to market of differentiating services.

What's the Process?

Working closely with your team, our engineers help establish the right strategy for your business, applications, and teams. They then use a multi-phase process that includes analysis, migration, and testing.

ANALYSIS

Initially, your consultant will review your existing code and architecture using manual and automated processes to:

- Identify key application requirements and map them to required changes.
- Pinpoint potential incompatibility and configuration issues up front so they don't cause production issues.
- Identify and replace incompatible legacy code and/or extensions.

At the conclusion of the analysis phase, your consultant will provide a comprehensive plan that includes timelines, needed code changes, and recommendations for architecture and code optimizations.

MIGRATION

Your consultant will work with you to implement approved changes, making sure your application complies with the new PHP runtime requirements. In addition, our consultants use a hands-on, mentoring approach during migration, so your developers learn to use the new:

- Language constructs to amplify performance gains.
- Coding methodologies to optimize efficiency and support new types of features.

TESTING

To help ensure your applications run seamlessly in production, your consultant will test changes as they are made during migration, using proven manual and automated processes. So for example, in one day, they may test 10 to 14 small changes. This short-sprint approach makes it easier to pinpoint errors immediately rather than waiting until the migration is complete, which saves time and reduces the risk of production issues.

Migrating from PHP 4 and 5 to PHP 7

While PHP 7.4 is the most current version of the runtime, many organizations are still running earlier releases that have lacked security patches, functional updates, and support for at least a year. For example:

- PHP 5.6 community support ended in January, 2019.
- PHP 7.1 community support ended in December, 2019.

Zend by Perforce provides comprehensive, mission-critical support for PHP releases for at least five years beyond their initial release. If you are still running PHP 5.6 or

newer, you can get security and functional updates as well as enterprise support options that include two-hour response times, 24x7x365.

Migrating Zend Framework to Laminas

Laminas (formerly Zend Framework) is a leading open source framework for developing web applications and web services using PHP. With more than 200 million downloads per year, Laminas serves as a foundation for thousands of enterprise PHP applications.

The Laminas-branded release is the most current version. And it shares the same code base as Zend Framework 3. However, all new security and functional updates will be made to the Laminas-branded packages, so it's critical to migrate to them.

You can engage Zend Migration Services for help with:

- Migrating your Zend Framework releases to Laminas.
- Modernizing applications to use the Laminas PHP framework, including any of its components and subprojects, such as Mezzio (formerly Expressive).

For example, Zend Migration Services can help you build microservices or other modern applications that use Mezzio middleware. It facilitates excellent flexibility and scalability by using a PSR-7- and PSR-15-compliant paradigm that stacks middleware components to efficiently handle requests and responses. Our engineers can also help you modernize applications that use Laminas API Tools (formerly Apigility).

Information Is Power. Understand Your Options Today

Contact us to learn about your migration options, including how you can boost security, save time, and increase performance by engaging Zend Migration Services. [Book a free assessment](#) at zend.com/contact-us.