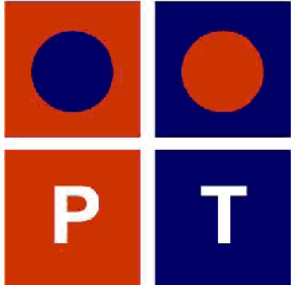




PHP in action

Portugal Telecom increases the performance of its PHP application by 300% using Zend Platform



SAPO, the online division of Portugal Telecom, employs PHP for their Website portal and Web-based applications; and Zend Platform in their production environment to enhance performance, find errors and discover bottlenecks.

Portugal Telecom is Portugal's largest telecom group, offering a wide range of telecom and Internet services. SAPO, their online division, provides a full Internet portal to its DSL users, including several community applications such as email, multimedia, auction, games and others. SAPO hosts over 1.7 million email accounts where quick server response and scalability contribute to the site's ever growing popularity.

SAPO searched for a flexible, yet powerful infrastructure on which to build their Web-based applications. They also wanted to provide a fast deployment environment for their programmers, resulting in a responsive end-user experience.

"A large and dynamic Website requires a flexible technology platform. For us, performance is the key to a great user experience. Zend Platform not only increased our performance out-of-the-box, it also helped us discover under-performing SQL queries as well as bottlenecks in our code."

Nuno Loureiro
Web developer



Zend Platform helps developers fix problems quickly



"It can be fairly straightforward to find a bug during development and testing, but when your code runs in an environment where thousands of users are hitting it at once, you never know exactly what will happen. Zend Platform not only increased our performance out-of-the-box, but it has helped us to discover underperforming SQL queries and bottlenecks in our code. This really helps our developers fix problems quickly and give our members the best user experience on our site."

Nuno Loureiro
Web developer

Portugal Telecom's Solution

Zend Platform's PHP Performance Management typically increases the performance of SAPO's PHP applications by up to 300% without any code changes. Zend Platform's PHP Intelligence also identifies and pinpoints performance problems in the PHP code as well as errors.

For the first time, Web application managers have unparalleled error detection and recovery capabilities, top-notch performance and configuration control, as well as seamless integration to corporate back-ends.



Zend Platform provides the best user experience

"Zend Platform delivers lower MTTR (mean time to repair) and increases MTBUI (mean time between unscheduled interruptions) by intelligently monitoring and notifying you of problems."

Andreas Hasselof
Chief Technology Officer

Technical Environment

Language	PHP 4.3.x, 4.4.x and 5.0.x
Operating System	Linux (Debian, Red Hat)
Web Server	Apache 1.3.x and 2.x
Database	MySQL, Oracle and PostgreSQL
Production Environment	Zend Platform

Conclusion

Zend Platform is the PHP runtime environment that delivers the reliability, scalability and interoperability needed for enterprise-class PHP applications.

Zend Platform delivers to SAPO lower MTTR (mean time to repair) and increases MTBUI (mean time between unscheduled interruptions) by intelligently monitoring and notifying you of problems.

Driven by the needs of developers and IT personnel utilizing PHP in the enterprise environment, Zend Platform delivers:

- PHP Intelligence
- PHP Performance Management
- PHP Configuration Control
- PHP/Java Integration Bridge

Zend Technologies, Inc

Zend Technologies, Inc., the PHP company, is the leading provider of products and services for developing, deploying and managing business-critical PHP applications. Zend and its founders are the architects of PHP, which is used by more than 22 million Web sites and has quickly become the most popular language to build dynamic Web applications. Deployed at more than 10,000 companies worldwide, the Zend family of products is a comprehensive platform supporting the entire lifecycle of PHP applications.

Worldwide Offices

Corporate Headquarters:
Zend Technologies, Inc.

19200 Stevens Creek Blvd.
Cupertino, CA 95014, USA
Tel: 1-888-PHP-ZEND
1-888-747-9363
Fax: 1-408-253-8801

Central Europe:
Zend Technologies GmbH

Bayerstrasse 83
80335 Munich, Germany
Tel: +49-89-516199-0
Fax: +49-89-516199-20

International:
Zend Technologies Ltd.

7 Abba Hillel Street
Ramat Gan, Israel 52136
Tel: 972-3-613-9665
Fax: 972-3-613-9671

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