# TRIGENT

## CASE STUDY

# Replatforming suite of Products from PHP to Java/J2EE

## Customer

Client develops, manufactures, licenses, and supports a wide range of Internet based software products for the Real Estate Industry. The company's software products include scalable systems that can be deployed to provide Lead Generation, Lead Management, Prospecting, Communication, and Productivity tools. Its products are available nation-wide and works with over 160 local MLS's. Over 1300 offices that represent about 40,000 agents nationwide use its products.

## Project Objectives

Rewrite of OfficeSite Product Suite in JAVA/J2EE.

## Customer Challenges

The client is looking to re-platform their OfficeSite product suite from PHP technology to Java technology. The OfficeSite product suite contains modules for lead generation management, automated MLS updates, open houses, drip marketing (ProspectPro) etc. This product developed in PHP is stable however with a growing customer base and new services added it has become difficult to maintain and extend.

## Trigent's Solution

The solution is built on Java technologies using a layered approach that eases any new integration and extension of the application for new business needs. The entire PHP code was rewritten into JAVA. Client also required minimal or preferably no changes to the database layer.

SOA architecture and web services used to ensure integrations with enterprise or external applications. Light-weight Java components used to ensure the resulting application is high performing and scalable to accommodate high volume traffic.

## Client Benefits

Trigent helped to meet the quality requirements stringent deadlines to launch the redeveloped OfficeSite product suite.

**Client**
A leading provider of internet based products for the Real Estate Industry.

**Project Objective**
Rewrite of the OfficeSite product suite in Java/J2EE.

**Technology**
- ✓ Java SE 6.0
- ✓ Tomcat 6.x/Apache 2.x
- ✓ Spring, Kodo, Log4J, EHCache, Jakarta Commons, Web Services, SOA
- ✓ Fedora Core
- ✓ MySQL 4.x
- ✓ PostgreSQL 8.x
- ✓ Eclipse
- ✓ Ant
- ✓ CORADIGM - Trigent's proprietary code generation tool

**Benefits**
- ✓ Ease of use & consistent experience for users and customers
- ✓ Highly scalable system providing faster and efficient searches
- ✓ High degree of interoperability allows integration with any external system

- ❑ The standard layer architecture provides encapsulation ensuring a single layer can be implemented without having to know much about the other layers
- ❑ Dependencies are minimized between layers so that a change to one would not have a huge impact on the other layers
- ❑ A highly scalable system ensures searching through the MLS feeds based on complex criteria specified by the consumer is quick and responsive
- ❑ SOA and services layer provide a high degree of interoperability that can be leveraged to integrate with any external system