

CASE STUDY



CLOUD ENABLED ENROLMENT ANALYTICS SOLUTION USING AWS



THE CLIENT

The client is a leading consultant in US providing world class technical services and products to a host of industries. They combine the best of engineering and mathematics capabilities with the latest in information technology and visualization to build innovative solutions.



BUSINESS NEED

The client wanted to integrate several modules (Data model, segmentation, validation and modeling) into their Enrolment Analytics tool and migrate it into the cloud using AWS.



TECHNOLOGY USED

- Cloud Environment: Amazon Web Services
- Server Side Language: PHP 5
- Database: Mysql 5
- Web Server: Apache
- Packages: PEAR, PHPMailer
- RIA & Web 2.0: jQuery, JSON, Ajax, WYSIWYG Content Editor
- Client Technologies & Tools: JavaScript, XHTML, CSS, Firebug, YSlow



SOLUTION DELIVERED

ALTEN Calsoft Labs developed a data mining approach to extract patterns from data and transform them into actionable information. The core solution was developed using LAMP, with industry standard web technologies and quality control measures.

ALTEN Calsoft Labs' engineering team architected the solution keeping in mind the following KPIs:

- Better performance & scalability
- Cloud and Mobile ready solution
- Key features of the solution include:
 - User friendly interface for data selection and analysis
 - SaaS enablement of enrollment analytics solution
 - Ability to easily define analytical steps and generate reports/graphs
 - Graphical and dynamic UI for defining components and metrics calculation
 - Ability to export and import data among different users, and across several systems
 - On the fly: Page navigation, Selection of number of records per page, Sorting, Column re-ordering, Column filtering and Column resizing
 - Uses strict and standard access settings for headers, files caching, optimization, authorization and security.

ABOUT ALTEN CALSOFT LABS

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

www.altencalsoftlabs.com



business@altencalsoftlabs.com