

## Enabled a Leading Provider of Legal Compliance and Ethics Solutions to Deliver 11 Million Courses to 250 Industry Majors through Innovative Offshore Product Development

### Executive Summary

The client is a leading provider of legal compliance and ethics related technology solutions. The client was exploring offshoring and was looking for a software product development and engineering partner that could augment its onsite team to develop and deliver high quality products quickly and efficiently. MindTree partnered with the client to provide development and Quality Assurance (QA) services for its products, which helped the client to deliver about 11 million courses to over 250 customers which included most of the Fortune 100 companies.

“ Completed 11 million courses for 250 companies which included Fortune 100 companies ”

### The Client

With a team of about 300 business professionals having experience in diverse fields, the client provides solutions that educates and certifies the end user in ethics and legal compliance. The client has more than 350 customers which include most of the fortune 100 companies.

### Business Situation

The client had employed its onsite team to develop solutions that were used to deliver legal compliance and ethics related courses to its customers. However, the client was not following any defined structure to develop and deliver these solutions and it also did not have a central repository to store, save, and protect the knowledge. This increased the operational risk for the business and also led to several inefficiencies in deliveries. The client was looking for an offshore product development partner that could augment the existing team to develop these solutions as well as provide cost effective testing and maintenance services. The client selected MindTree for its capabilities in comprehensive product development and testing.

### The Challenges

The client's teams were spread across multiple geographies and coordinating with them during various phases of the engagement was challenging. Unfortunately, due to client's information security, MindTree team was unable to acquire real-time data. Due to this, many real-time scenarios could not be generated on the development environment and hence the development teams had to predict quality errors only by evaluating the code.

Another challenging task was to achieve an effective and optimized ETL (Extract-Transform-Load) for the data from 3 different products running on different platforms. Understanding the client's complex proprietary framework in a short span of time was challenging. Django technology was relatively new for the MindTree team and it involved significant unlearning for Java developers to align themselves to Django mode and deliver by employing Agile methodologies. Also MindTree team had to be extremely flexible in its approach and had to adapt to the client's work culture.

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## The Technology

The following technologies were used in this project:

- › J2EE
- › Oracle
- › Hibernate
- › Spring
- › Formula One (Reporting tool)
- › Tapestry
- › Ajax
- › Ibatis
- › HiveMind
- › Python
- › Django
- › Yahoo User Interface (YUI)

“ **Reduced time-to-market for features and functionalities** ”

## The Solution

MindTree team worked closely with the client's team to deliver various product development services. This included augmenting the client's development and QA team to deliver a number of high quality Nemo products quickly and efficiently. MindTree team also helped the client's QA team to enhance the quality of their existing LCEC/certification product.

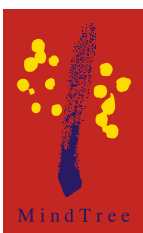
A dashboard was developed using ETL functionality which displayed reports by collating data from 3 different products. This helped the MindTree team to takeover the maintenance and enhancement of the project from the onsite team. MindTree team also developed a content management system for the existing Ethics and Compliance Management System (ECMS) and automated the conversion of the course content to XML format. A central repository was also provided to store the data for future reference.

Another product called Risk Assessment Management System (RAMS) was also developed which involved porting the application from .Net/SQL technology to Python/Django/YUI/Oracle technology in a span of 2 months.

## Business Impact

The client achieved the following business advantages from this engagement:

- › Enhanced quality of present and future product releases
- › Reduced time-to-market for features and functionalities
- › Significant cost savings in development and delivery
- › Improved customer satisfaction for the client's customers



## ABOUT MINDTREE

MindTree Ltd. is a global IT Solutions Company specializing in IT Services, Independent Testing, Infrastructure Management and Technical Support (IMTS), Knowledge Services and Product Engineering, which comprises of R&D Services and Software Product Engineering. MindTree partners with its clients to create a transparent, value-based relationship. Our people build innovative solutions in a wide range of technology domains that enable our customers to succeed in their business goals.

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