



Legal education platform raises IT infrastructure agility and efficiency

Client

A nonprofit continuing legal education and professional business training organization, dedicated to providing the legal community and allied professionals. They award more than 50,000 scholarships to their programs annually, and have more than 4,000 speakers that include prominent lawyers, judges, investment bankers, accountants, corporate counsel, and U.S. and international regulators. The platform offers content across various formats, including live webcasts, MP3s, and on-demand videos.

Client Speak

“The Marlabs team brought in valuable expertise in mobile app development as well as in areas like DevOps and CI that helped us meet our go-to-market goals.”
- Director of Software Development

Challenge

Transforming the development life cycle of the legal educational platform through Agile, DevOps, and Azure Cloud

Challenged by software release processes that were taking much too long, the client was keen to set up a more mature and robust product development capability that could handle many more frequent releases. The goal was to move to daily and even hourly releases. There was a litany of issues: manual procedures, disjointed communications, and inadequate tools, to name a few.

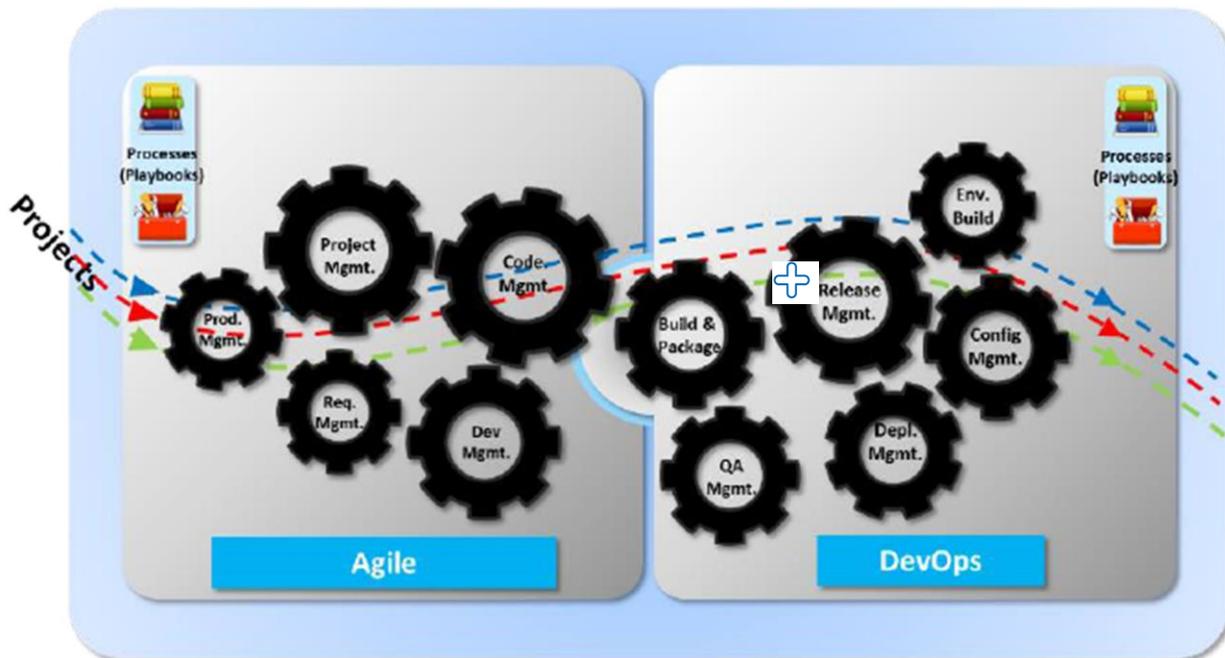
They were looking to overcome these hurdles and transform themselves into an agile shop capable of continuous delivery, aided by process reengineering, tools and technologies, training, and coaching. This would be an entirely new ecosystem that could deliver product releases on demand while achieving breakthrough reductions in product backlog levels and work-in-progress.

Marlabs Solution

Azure Cloud enabled DevOps framework built on Visual Studio Team Services

At the core of the engagement was the building of a transformation machine framework that enabled continuous integration and delivery. The framework itself consisted of four foundational modules: Project Management/Product Management, Development/QA, Code Management, and Release and Deployment. Visual Studio Team Services and Azure Cloud were selected as the platforms for transforming the client’s SDLC.

Solution framework: ADFusionX



There were a number of steps involved in the solution implementation:

Defining and documenting new processes followed by setting up and configuring new tools— Jira, Visual Studio Team Services, TFS, SonarQube, Puppet, Azure IaaS VMs for environments, PowerShell Scripts, Selenium test automation, to name a few.

Once the solution was built, the client realized immediate value. No longer the uphill battle it used to be, delivering software releases with agility, flexibility, and quality would become the default mode of operation.



Raised IT infrastructure agility and efficiency:

- Identified the right toolsets for increased automation and orchestration. Carried out extensive tool evaluation analysis, identified the right tools, and deployed them for multiple technology stacks' release and deployment.
- Implemented highly automated infrastructure provisioning, configuration management and application packaging: both onpremises and on the Public Cloud.
- Instituted the Marlabs ADFusionX framework that leverages best-in-class templates and established best practices and guidelines across .NET, Open Source (Java, JavaScript), and Mobile (iOS, Android) platforms.

Benefits

- Accelerated time-to-market by leveraging agile methodologies
- Higher value from IT spend by achieving tighter integration with user communities
- Elimination of technical debt through upgrading IT infrastructure to more current technologies and Cloud
- Stepped up transparency and predictability in IT project execution
- Prioritized business initiatives that delivered on customer demands

Technologies

- Visual Studio Team Services
- Azure Cloud
- Windows Server & SQL Server

Marlabs helps drive digital agility for our clients. We deliver innovative business solutions using digital technologies such as cloud, mobile, analytics, Internet of Things and social. With a dedicated team of over 2,100 associates, a network of delivery centers in USA, Canada, Mexico and India, and strong partnerships with industry leaders, Marlabs offers a wide range of IT services across industries. Through our emphasis on quality driven by CMMi, PCMM, ISO 9001-2000, ISO 27001 and SSAE 16 Type II best practices and a customer-centric client engagement model, Marlabs has achieved a dependable track record of meeting high standards of excellence in every customer engagement. This has resulted in several awards and recognitions, including being consistently ranked in the Deloitte Technology Fast 50 and Fast 500 programs. Marlabs is headquartered in New Jersey, United States.

For more information: please call us at **+1(732)-694-1000** or email us at **sales@marlabs.com** • USA | Canada | Latin America | India | Malaysia • www.marlabs.com