





About the client

The client is a global technology and data management company serving the hospitality industry to power and support marketing, sales and events. Their CRM and Marketing SaaS solutions service over 30,000 Premier Hotels in over 143 counties, have over 200 million profiles and over \$750 million in annual bookings.

delaPlex has been a primary technology partner with the client for multiple products over six years.

Client need

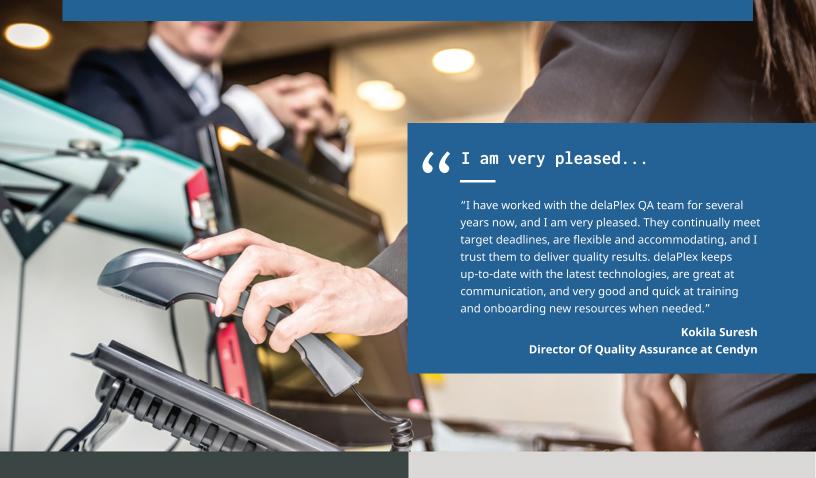
Systemic QA testing to ensure product excellence, including UI/UX testing, system regression testing, data calculation testing, mobile testing, customer campaign delivery validation, and 3rd party compliance testing. Implement automation with current manual testing to improve productivity and accuracy.

Project challenges

Tracking multiple complex services, data collections, and report processes used to calculate individual customer stay revenue & allocate points. Designing a new QA plan integrated with project management tools and a custom test automation hybrid framework to improve full regression testing time.

The delaPlex solution

delaPlex has delivered broader test coverage and better test quality by introducing agile processes that streamline manual, automation, database and API testing techniques. Test scripts for multiple browsers are performed using Selenium WebDriver and SQL queries for validating backend data are executed. Every sprint cycle now includes Smoke Testing, Functional Testing, Retesting, Regression Testing and DB Testing, which results in better reporting and collaboration among global teams.



How we did it

delaPlex implemented agile processes to increase of QA performance and provide an overall reduction in testing costs.

- Manual Testing
 Smoke Testing | Functional Testing
 Compatibility Testing | Regression Testing
 Cross Browser Testing | Ad hoc Testing
- Automated Testing
 Visual Studio | Selenium WebDriver 3.141.0
 NUnit 3.12.0 | Extent Reports 3.1.3
 AutoIt 3.3.14.5 | Excel Data Reader 3.6.0
- API TestingSwagger | Katalon Studio 7.5.5
- Database TestingMS SQL Server 2016
- Mobile TestingSmartBear CrossBrowser | Lambda Test

Core stack













delaPlex is a global software development and business solutions provider helping companies drive growth, revenue and marketplace value. Our innovative business methodology has built an unmatched reputation of bringing an alliance of collaborative industry experts, across industries and skillsets, to clients anywhere around the world.



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