

Lloyd's Register
Group Ltd

Lloyd's Register Delivers Live Ship-Survey and Classification Data Through Mobile Application It Developed in Two Months



Oracle Application Development Framework Mobile provides a fast, straightforward, and cost effective way to build new mobile applications. We quickly built a modern front-end to interface with our existing legacy infrastructure, saving considerable time and cost.

— Richard Childe, Applications DBA, Lloyd's Register Group Ltd

Lloyd's Register (LR) is a global engineering, technical, and business-services organization wholly owned by the Lloyd's Register Foundation, a UK charity dedicated to research and education in science and engineering. Founded in 1760 as a marine classification society, LR now operates across many industry sectors, with over 9,000 employees, based in 78 countries.

Lloyd's Register is a profit-making business with a long-standing reputation for integrity, impartiality and technical excellence. Through its consultancy services, global technology centers and research network, it is at the forefront of understanding the application of new science and technology to future-proof its clients' businesses, and ensuring they remain safe, sustainable, and dependable.



Business Challenge

Develop a mobile version of Class Direct, the web-based service for owners and managers of LR-classed ships, to deliver ship inspection and classification information about each customer's fleet in an easy-to-access format

Deliver the new service quickly, with minimal impact on existing infrastructure to keep costs low while meeting customer demand



Results

Provided Class Direct in a mobile format within two months, addressing customer requirements and expectations to use mobile services and helping LR to remain competitive in an increasingly mobile-based market

Used Oracle Application Development Framework Mobile (Oracle ADF Mobile) to deliver Class Direct ship inspection and classification details on iOS and Android devices to customers and surveyors, within just two months, offering up to 16,000 users the flexibility to choose their preferred device

Enabled the new mobile application to draw live ship survey and classification data directly from the LR database to provide up-to-date information about all ship components to engineers, surveyors, and customers in the field to assist with ship monitoring and maintenance to ensure that ships remain safe and sea-worthy

Provided a modern customer interface to an existing service running on a legacy back-end system with no need to upgrade back-end technology, thereby reducing costs and speeding time to delivery

Delivered an intuitive user interface, enabling users to immediately access the application, without training, to schedule ship-maintenance surveys, examine historical information, and review survey status and reports—accelerating the uptake of the new service

Used Oracle WebLogic Server to enable rapid deployment and straightforward integration throughout the entire mobile application framework

Why They Chose Oracle

Lloyd's Register has a significant Oracle footprint covering a broad suite of Oracle products and services, including Oracle WebLogic Suite and Oracle ADF Mobile.

The Lloyd's Register development team built a very good relationship with Oracle, working directly with the Oracle ADF Mobile team that assisted with the basic principles and methodologies to enable LR to develop the application in-house. LR also benefited from Oracle's video-based learning materials, which delivered additional hands-on training.



We prefer to work with one vendor and use systems that are proven to work together. We knew we would be able to integrate Oracle ADF Mobile with our existing Oracle technologies. In addition, by choosing Oracle, we were able to put together the prototype proof of concept much faster than we could have done with another vendor.

— Richard Childe, Applications DBA, Lloyd's Register Group Ltd

Execution

Lloyd's Register's in-house developers spent two months building the Class Direct mobile application. LR used agile methodology which proved ideal for mobile development as users could test the application and provide feedback in real time. This meant that the team could make changes very quickly, resulting in a fast and efficient iterative development process and delivering the new service within just two months.

About Lloyd's Register Group Ltd

Lloyd's Register
Group Ltd

Headquarters



London, United
Kingdom

Employees



9,000

Annual Revenue



\$1 to \$5 Billion

Lloyd's Register Group Ltd

Oracle Solutions Used

Oracle Application Development Framework
Mobile



Oracle WebLogic Server

