



CLOUD MOBILE STORAGE CASE STUDY

CLIENT OVERVIEW

Our client, a winner of 'Emerging Technology in Cloud Computing', created an online solution to connect to a private cloud enabling people to access and share their content from anywhere. Our client's solution has a user base of 3 million plus and is growing rapidly. This solution has simplified online content management and accelerated team productivity, besides helping connecting people within and outside the enterprise using a simple yet secure and efficient sharing platform. Our client's mission is to improve the online and mobile experience of individuals, small businesses and Fortune 1000 companies.

KEY REQUIREMENTS

- Achieving quick time-to-market: Beta launch was expected in 3 months from project kick-off
- Making application compatible with different Blackberry handsets
- Porting on different handsets with minimum possible changes to achieve quick time-to-market
- Achieving user acceptance benchmarks: Acceptance from 1000 external users in first month after beta launch.
- Testing the application on Blackberry handsets across the globe for various service carriers

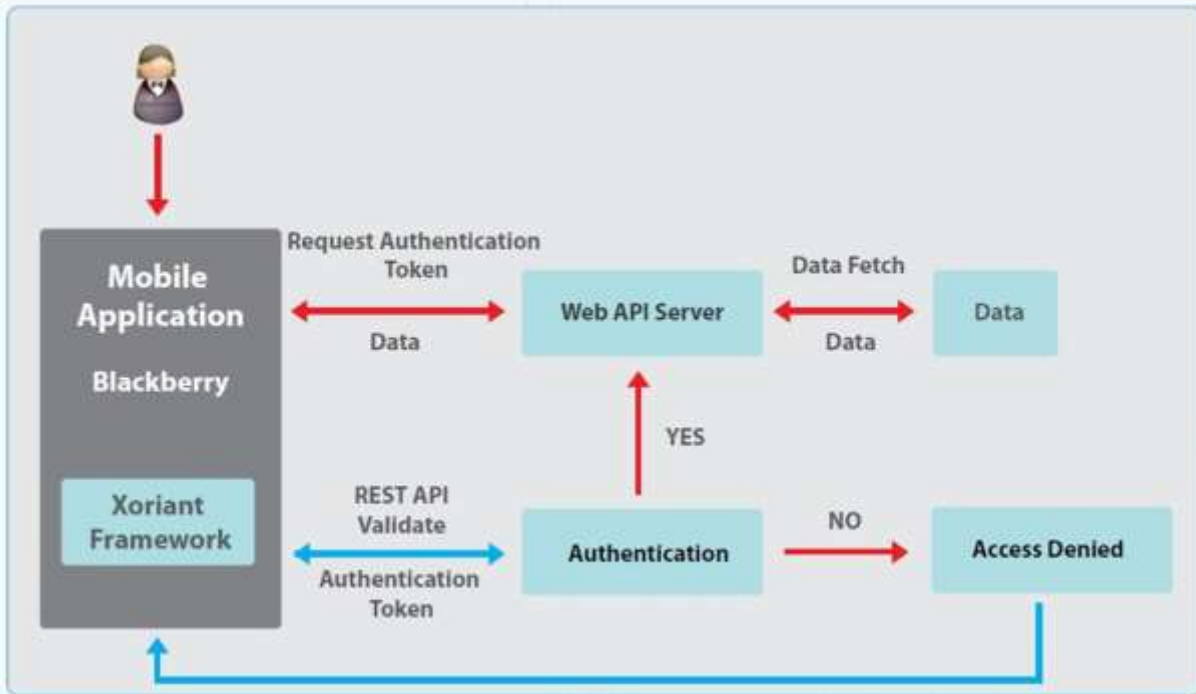
KEY CONTRIBUTIONS

- Design and development of a native BlackBerry application having rich user interface, which leverages online storage functionality on mobile devices. The user interface design was designed in tabular format which gives a user access to all features of the product without navigating away from the main screen. The following features improved the overall usability for the users:
 - Caching based folder tree navigation to improve performance
 - Context sensitive menus for ease of accessibility to the user
 - One click feature access
 - Auto saving of camera images to pre-defined location
- Provided multiple carrier & device support – Provided a generic code to support different protocols of different carriers. Modular design enabled the code to be ported to any blackberry device and required minimum UI changes which was done by modifying style sheets
- Verified multiple carrier & device support - Tested the product on Device Anywhere for multiple carriers like AT & T, Sprint and T-Mobile
- Built a native Blackberry email interface with pre-populated subject & content for faster collaboration among users
- Built a native interface in Blackberry camera to take just-in-time as well as stored pictures/ videos and upload them to server
- Integrated with “HTTPS” call for getting server side data through device network carrier and Wi-Fi

KEY BENEFITS

- The production release on the first device was made available in as soon as 4 weeks' time due to agile delivery methodology
- The development time for the second device was 4 weeks, which was reduced to 2.5 weeks for the second and third device due to creation of reusable components
- Xoriant's proprietary mobile framework (XMF) allowed the team to add the basic mobile phone functionalities faster and have more time to focus on innovative features. These Xoriant proprietary frameworks also ensure rapid development of subsequent mobile applications

HIGH LEVEL ARCHITECTURE



TECHNOLOGY STACK

- Sun Java Development Kit 1.5 or higher. Blackberry JDE 4.5.
- RIM and client APIs
- Blackberry Devices: Curve, Bold and Perl series



About Xoriant:

Xoriant Corporation is a Product Development, Engineering and Consulting Services Company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 2000 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.