



Client Overview

- Data security solutions company whose sole mission is to keep information safe in today's highly dangerous world



Status Quo

- Security enhancement for an email-chat hybrid mobile app
- Email messages should be capable of transforming to chat and vice versa
- App should be encrypted and decrypted. Need to integrate email and chat to obtain great UX
- To Enable decryption only by logging in to the app



Implementation Approach

- Delivered full UI functionalities of email and chat for both Android and iOS
- Automated matching of web token while logging to app.
- AES 256 encryption and decryption were coded into the app's front end.
- Structured a robust and highly scalable architecture to address the data storage and processing needs of the client's business.



Technology

- NodeJS
- Ejabberd
- MySQL
- Swift
- Kotlin



Business Impact

- Time to deployment was reduced by 30% due to a rapid deployment plan that increased the number of developers working concurrently offshore
- A highly secure communication channel was opened through encryption
- A highly scalable and robust framework was delivered to enable rapid onboarding and expansion.



INDIA

Chennai | Bengaluru | Mumbai
Toll-free: 1800-123-1191

USA

Cupertino | Princeton
Toll-free: +1-888-207-5969

UK

London

SINGAPORE

+65 9630 7959