

Galaxy helped a leading consulting company in saving time and cost with their unique mobile field survey solution

Customer Name: Confidential

Geography: India

Industry: Consulting



Challenges:

Our client was contracted with an assignment that involved collecting data from each and every Government School and then analyzing the data to check the efficacies of various programs that the Government had introduced to improve the quality of education and encouragement to children to attend school. The assignment involved surveyors personally interviewing school administrators, teachers, parents in the local language and capturing their inputs. The total number of potential interviewees was over four lakhs and the data collection was to happen over 6 weeks. Most of the schools were in remote areas where there was no internet connectivity. A large number of surveyors were required to be onboarded without much time for training and verification. This required a solution that would make use of technology to provide the questions to be asked along with answer options and also capture the GPS co-ordinates where the survey was conducted to keep the surveyors honest. Also, the surveyors would be on the road most of the time visiting a large number of schools hence the devices would require a long battery life and also a power backup. Moreover, all this was to be done offline.

A Unit of Galaxy Office Automation Pvt. Ltd.

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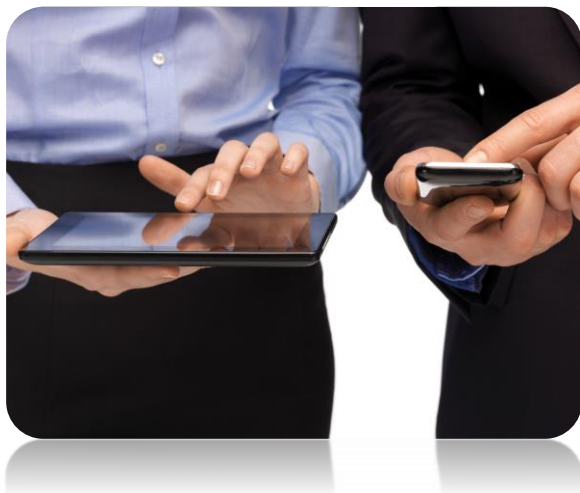
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CIN No: U30000MH1987PTC045206

Solution:

Galaxy offered a comprehensive end-to-end solution to the above problem by providing:

- A mobile survey application in the local language where the questions & answer choices could be configured as per their requirements. Skipping of questions based on certain answers was also configurable. The complete questionnaires for all categories was configured within a couple of days. Since the app took care of all question, skipping etc. the surveyors could be trained over a single 4-hour session.



- The devices given to the surveyors were blocked from the internet to prevent misuse. They were given a USB pen drive that they could use to take daily backups. Once a week, they were to report at the district headquarters where they would load the data from the pen drive to our web application hosted on the internet. The devices selected had a long battery life. Power backup packs were also provided. Data on the USB drive was encrypted.

- A web based application was provided to the client as well as the Government department to view and analyze the data loaded. Data residing on the internet was in the encrypted form but could be downloaded by authorized users in an unencrypted form. Any incorrect locations (school co-ordinates not matching with the GPS co-ordinates captured) were highlighted immediately and corrective action could be taken immediately. Daily cases compared to Average number of cases per day across brand, model, geography, technician

Conclusion :

By using its vast experience over all aspects – Mobility, Cloud, Endpoints & Security, Galaxy was able to deliver a solution that addressed each requirement and ensure that the client completed the assignment on time, with maximum reliability and minimum budgets.



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